Greenscape Analytical Laboratories, Inc. RT 4 BOX 101 RAVENSOOD, WV 26164

Email greenscapelabs@yahoo.com Website www.greenscapelabs.com

PHONE 304-273-1050

FAX 304-273-1051

То	Wu Purchasing Division Dept. of Administration	From	Marlene Edgell-Hammond
Fax	304-558-3970	Pages	39 (including cover)
Phone	304-558-2157	Date	11/16/10
Request	RFQ: DEP 15037	Attention	Chuck Bowman

Urgent

For Review

Please Comment

Please Reply

Please Recycle

Comments:

Sealed Bid

Buyer: CB-23 RFQ. No.: DEP 15037

Bid Opening Date: 11/17/2010 Bid Opening Time: 1:30 pm





RFQ COPY

TYPE NAME/ADDRESS HERE

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

Request for Quotation

×	HF.) NU	MB		***	· · · · · · · · · · · · · · · · · · ·
	n	RΡ	75	n a	17	

***	AGE	***
	1	

CHUCK BOWMAN 804-558-2157

ENVIRONMENTAL PROTECTION DEPARTMENT OF OFFICE OF WATER RESOURCES 601 57TH STREET SE CHARLESTON, WV

25304

304-926-0499

DATE PRINTEL)	TER	MS OF SAI	E		HIPVIA		F.O.B.		FREIGHTTERMS	
10/27/20 BID OPENING DATE:								-			
***************************************	*************	11/17/		CAT				OPENING TIM		:30PM	
EINE	GUAN	ara v	LIGP	CAT NO	3145	A NUMBER		UNITPRIC		AMOUNT	
k-3	****	*****	****	*** A	DDENDUM	NO.	5 **	*****	*****		
								TING CONTRA NS, APPENDI		-	
								ER THE ATTA			
						EXTE	ENDED	FROM 10/28	/10		
FC) 11/:	17/201	D AT	L:30	PM.						
**	****	*****	****	** NO	OTHER	CHANG	ES *	*******	****		
		•									
		•							•		
		•									
		•							_		
					-						
					,						
								-			
						•					
		_									
0001		1	LS		61-48				-		
GE	NERAI	-	sis o	DF WA	TER AND	soii	, FIE	D TESTING			
						•					
	-									·	
				-							
									•		
	-									•	
			-								
				SEERE	VERSE SIDE F	OH TEHM	AND CO	i Vortions		<u> </u>	****
Marline Edgell	- U.	· mund				7	PHONE 14-2	73-1050	DATE	1/16/10	
mepresident	VIUN	FI	55-	07/08	950			- · · · · · · · · · · · · · · · · · · ·	S CHANGES	TO BE NOTED ABOVE	

Page | 1 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

Page | 2

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 complete the column in Appendix A with the method # associated with methods that have current MDLs that meet or are below the maximum MDL listed for each parameter. 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 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 in the bid sheet.

Results of analytical tests must be submitted electronically in a Microsoft Excel (or compatible) 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.

Page | 3 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.

Page |4

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.

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.

Page | 5 MISCELLANEOUS PROVISIONS

- 1. The DEP will provide all sample containers and field preservatives.
- 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 - Method

Item No.	Parameter	Associated MDL*	Method #	Alt Method #	Alt MDL
1	рН	N/A	SM4500-H+1	3	
2	Hot Acidity	5 mg/L	SM2310B		
3	Alkalinity	5 mg/L	SM2320B		
4	Hardness	1 mg/L	2340B	-	
5	Specific Conductance	3 μS/cm²	SM2510B		
6	Sulfate	5 mg/L	EPA300.0		
7	Sulfide	1 mg/L	SW9034		
8	Turbidity	1 NTU (higher OK if if highly turbid)	EPA180.1		
9	Bromide	1 mg/L	EPA300.0		
10	Chloride	5 mg/L	EPA300.0		
11	Fluoride	0.2 mg/L	EPA300.0		
12	Fecal Coliform (MF)	4 col/100 ml	SM922D		
13	Fecal Coliform (MPN)	4 col/100 ml	SM9223B-QT		
14	Total Solids	1 mg/L	SM2540B		
15	Dissolved Solids (TDS)	1 mg/L	SM2540C		
16	Suspended Solids (TSS)	3 mg/L	SM2540D	-	
17	Settleable Solids	0.5 mg/L	SM2540F	**************************************	
18	Volatile Solids	1 mg/L	SM2540E		
19	Percent Solids	1%	SM2540G		
20	Kjeldahl Nitrogen	0.5 mg/L	SM4500~No	gC	
20A	Kjeldahl Nitrogen (alt. method)	0.1 mg/L	EPA351.2		
21	Ammonia Nitrogen	0.1 mg/L	EPA350.1		
22	Organic Nitrogen	0.5 mg/L	EPA351.2/3	50.1	
23	Nitrate-Nitrogen	0.05 mg/L	EPA300.0		
24	Nitrite-Nitrogen	0.05 mg/L	EPA300.0		
25	Nitrite-Nitrate	0.05 mg/L	EPA300.0		-
25A	Nitrite-Nitrate (alt method)	0.01 mg/L	N/A		
26	Total Phosphorus	0.02 mg/L	SM4500-P B	E	
26A	Total Phosphorus (alt. method)	0.005 mg/L	N/A		
27	Orthophosphate	0.01 mg/l	EPA300.0		
28	Total Phosphate	0.01 mg/L	SM4500-P B	3 €	

Appendix A - Method (Continued)

Item No.	Parameter	Associated MDL	Method #	Alt Method#	Alt MDL
29	BOD	1 mg/L	SM5210B		
30	BOD-carbonaceous	1 mg/L	SM5210B	·	-
31	COD	0.5 mg/L	EPA410.4		
32	тос	1 mg/L	SM5310C		
33	MBAS	0.05 mg/L	SM5540C		
34	Phenolics	0.01 mg/L	EPA420.1		
35	Total Cyanide	0.005 mg/L	EPA335.4		
36	Hexavalent Chromium	0.005 mg/L	SM3500-CrI	þ	
37	Oil-Grease	0.1 mg/L	EPA1664A	•	
	Chlorophyll A (Standard Methods)	0.5 mg/L	EPA446.0		
38		5 color units	SM2120B		}
39	Color (APHA) Color (ADMI)	10 ADMI value	SM2120E		
40					
41	Cyanide, Amenable (40 CSR 136)	0.005 mg/L	EPA335.4		
42	Cyanide, Free (ASTM)	0.01 mg/L	EPA335.4		
43	Mineral Acidity (Standard Methods)	1 mg/L	SM2310B		
44	Total Acidity (Standard Methods)	1 mg/L	SM2310B		
45	Tot Petroleum Hydrocarbons GRO/DRO (WVTPH/8015B)	0.5 mg/L	SW8015B		
46	Fecal Streptococci (Standard Methods)	4 col/100 mL	SM9230C		
47	Escherichia Coli (Numeric Result)	1 col/100 mL	SM9223B-QT	1	
48	Bicarbonate (Standard Methods)	1 mg/L	SM2320B		
49	Ferrous Iron(Standard Methods)	0.05 mg/L	SM3500-FeD		
50	Unionized Ammonia (46 CSR 1)	0.1 mg/L	EPA350.1		
51	Dissolved Organic Carbon (Standard Methods)	1 mg/L	SM5310C		
52	Particulate Organic Carbon (Standard Methods)	1 mg/L	SM5310C		

Appendix A - Method (Continued)

Metals (Dissolved or Total)

(dissolved metals will be field filtered)

ltem No.	Parameter	Associated MDL (mg/L)	Method #	Alt Method #	Alt MDL	
53	Aluminum	0.005	EPA200.7	N/A	n/a	
	Antimony	0.005	EPA200.7	EPA200.8	0.0002	
55	Arsenic	0.005	EPA200.7	EPA200.8	0.001	
56	Barium	0.005	EPA200.7	EPA200.8	0.001	ŀ
57	Beryllium	0.001	EPA200.7	EPA200.8	0.002	
58	Boron	0.02	EPA200.7	N/A	N/A	[
59	Cadmium	0.0002	EPA200.7	EPA200.8	0.0002	
60	Calcium	0.02	EPA200.7	N/A	N/A	
61	Chromium "	0.001	EPA200.7	EPA200.8	0.001	
62	Cobalt	0.001	EPA200.7	EPA200.8	0.001	
63	Copper	0.001	EPA200.7	EPA200.8	0.001	
64	Iron	0.01	EPA200.7	N/A	n/a	
65	Lead	0.001	EPA200.7	EPA200.8	0.0002	
	Magnesium	0.05	EPA200.7	N/A	N/A	
	Manganese	0.005	EPA200.7	EPA200.8	0.001	
68	Mercury	0.5 (ng/L)	1631E	Method 1631-E		
68A	Mercury (alt. method)	0.0001	EPA245.1	N/A	N/A	
69	Molybdenum	0.005	EPA200.7	EPA200.8	0.001	
70	Nickel	0.005	EPA200.7	EPA200.8	0.0002	
71	Potassium	0.05	EPA200.7	N/A	N/A	
72	Selenium	0.001	EPA200.7	 M3114B/SW77	42M 0.	000
73	Silver	0.0002	EPA200.7	EPA200.8	0.001	
	Sodium	0.05	EPA200.7	N/A	N/A	
75	Thallium	0.001	EPA200.7	EPA200.8	0.002	
	Tin	0.02	EPA200.7	EPA200.8	0.001	
	Vanadium	0.005	EPA200.7	EPA200.8	0.001	
	Zinc	0.002		EPA200.8	0.003	
	N/A	N/A	N/A	N/A	N/A	

Appendix A - Method (Continued)

Radiochemistry

Item No.	Parameter	Associated MDL	Method #	Alt Method #	Alt MDL
80	Gross Alpha		EPA900.0		
81	Gross Beta		EPA900.0		
82	Ra - 226		EPA903.1		
83	Ra -228		EPA904.0		
84	Total Urainum		ASTM D5174		
85	Sr-89		EPA905.0		
86	Sr-90		EPA905.0		
87	Tritium (H3)		EPA906.0		
88	Gamma (Cs-137)		EPA901.1		
89	Radon		SM7500-Rn		<u> </u>

Toxicity Testing - Freshwater organisms

Item No.	Test	Est.#	Method #
	Acute:		
90	Ceriodaphnia	25	2002.0
91	Daphnia Pulex / D. magna	10	2021.0
92	Pimephales promelas	25	2000.0
	Chronic:		
93	Ceriodaphnia	25	1002.0
94	Pimephales promelas (Survival & growth)	25	1000.0
95	Pimephales promelas (Survival & teratogenicity)	25	1001.0

Appendix B

Constituents for Phase I Detection Monitoring

GROUP A: Inorganic Constituents

COMMON NAME ²	CAS RN ³
Acidity	(Total)
Aluminum	(Total) id 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)
р Н	(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

GIOOI D. OISHIE COMPERCATION	
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; Chlorodibromome	ett 124-48-1
1,2-Dibromo-3-chloropropane;DBCP	96-12-8
1,2,-Dibromoethane; Ethylene dibromide;	EI 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-Dichlorethanel Ethylene dichloride	107-06-2
1,1-Dichloroethylene; 1,1-Dichloroethene;	Vi 75-35-4
cis-1,2-Dichlorethylene; cis-1,2-Dichloroe	th: 156-59-2
trans-1,2-Dichloroethylene; trans-1,2-Dich	
1,2-Dichloropropane; Propylene dichloride	
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 ke	toi 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; Methyichloroform	71-55-6
1,1,2-Trichloroethane	79-00-5
Trichloroethylene; Trichloroethene	79-01-6
Trichlorofluoromethane; CFC-ll	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 DEP15037

Vendor's Bid Sheet

Vendors Name: Greenscape Analytical Laboratories, 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 Dection Level*	UNIT PRICE	AMOUNT
*	1	4000	pH	5M4500-H+B	N/A	\$ 7.00	\$ 2 8 0 0 0 0 0 0
I	lA	10	pH (Solid)	5W9045C	N/A	s <u>7.00</u>	\$ 66.00
ı	2	4000	Hot Acidity	Sm2310B	5 mg/l	\$ 13.20	\$52800.00
Ī	2A	1000	Hot Acidity Alt. Method	N/A	N/A	\$ H/A	s N/A
	3	4000	Alkalinity	5m2320B	5 mg/L	\$ 11.00	\$44000.00
	3A.	1000	Alkalinity Alt. Method	MIA	MIA	s NIA	SMIA
[4	500	Hardness	5m 2340B	l mg/L	\$ 11.00	\$ 5500
	4A	100	Hardness Alt. Method	N/A	N/A	\$ NIA	\$ M/A
[4B	10	Hardness (Solid)	14/A	NIA	SNIA	SNIA
	5	1000	Specific Conductance	smasio B	3 uS/cm ²	\$ 11.00	\$ 11000.00
Ì	5A	500	Specific Conductance Alt. Method	N/A	N/A	S N/A	S N/A
	6	4000	Sulfate	EPA 300.0	5 mg/L	\$ 13.20	\$ 52800.00
	6A	1000	Sulfate Alt. Method	MIA	M /A	SMA	\$ NIA
	6B	10	Sulfate (Solid)	SW9056	10 malka	\$ 13,20	\$ 132,00
I	7	20	Sulfide	SW 9034	1 mg/L	\$ 16.50	\$ 330.00
ſ	7A	10	Sulfide Alt. Method	N/A	H/A	\$ N/A	S HIA
. [8	20	Turbidity	epa i80.1	1 NTU (higher OK if highly turbid)	\$ 11.00	\$ 220.00
	8A	10	Turbidity Alt. Method	HIA	HIA	\$ N/A	S HIA
	9	25	Bromide -	EPA 300.0		\$ 13.20	\$ 330.00
Ī	9A	10	Bromide Alt. Method	N/A	0.1 mg/L	\$ H/A	\$ MIA
	9B	10	Bronide (Solid)	SW9056		\$ 13-20	\$ 132.00
* *	10	3000	Chloride	EPA 300.0		\$ 13.50	\$40500.00
	10A	100	Chloride Alt. Method	N/A	HIA	\$ HIA	\$ MIA
	10B	10	Chloride (Solid)	5W9050	1-0 maika	\$ 13.20	\$ 132.00
l	11	25	Fluoride	EPA 300.0		\$ 13.20	\$ 330.00
	11A	10	Fluoride Alt. Method	SW 4500-FRC		\$ 13,20	\$ 132.00
	118	10	Fluoride (Solid)	5W9056	0.5 mg/kg	\$ 13,20	\$ 132,00
**	12	4000	Fecal Coliform (MF)	5M9222B		\$ 20.00	\$ 80000-00
	12A	1000	Fecal Coliform (MF) Alt. Method	N/A	HIA	\$ H/A	S N/A
1	13	100	Fecal Coliform (MPN)	5M9223-B1		\$ 38.50	\$ 3850.00
Į	13A	50	Fecal Coliform (MPN) Alt. Method	N/A	A/A	S MIA	\$ NA
ļ	14	25	Total Solids	5M2540B		\$ 11.00	\$ 275.00
Ļ	14A	10	Total Solids Alt. Method	NIA	N/A	\$ M/A	\$ N/A
ļ	14B	10	Total Solide (Solid)	smasyoG		\$ 11.00	\$ 11000
ļ	15	3000		5M 2540C	I mg/L	\$ 11.00	\$ 33000.00
	15A	1000	Dissolved Solids (TDS) Alt. Method	NA		8 M/A	\$ N/A
*	16	4000	Suspended Solids (TSS)	5m2540D	3 mg/L	<u>\$ 10,00</u>	\$ 40000.00
L	16A	1000	Suspended Solids (TSS) Alt. Method	N/A	HJA	\$ HIA	SNIA

	ITEM NO.	EST. QUANTITY	. DESCRIPTION	Method #	Method Dection Level*	UNIT PRICE	AMOUNT
**	17	25	Settleable Solids	5m2540 F	0.5mg/L	\$ 11.00	\$ 275,00
	17A	10	Settleable Solids Alt. Method	N/A	HIA	\$ M/A	S M/A
	18	25	Volatile Solids	5M2540 E	1 mg/L	\$ 11.00	\$ 275.00
	18A	10	Volatile Solids Alt. Method	HIA	NIA	\$ NIA	SMA
	18B	10	Volatile Solide (Solid)	5m 2540 G	1%	\$ 11,00	\$ 110.00
	19	25	Percent Solids	5m2540 G	1%	\$ 11.00	\$ 275,00
	19A	10	Percent Solids Alt. Method	H/A.	N/A	\$ N/A	\$ 14/A
	19B	10	Percent Solids (Solid)	5m 2540 G	16/0	\$ 11,00	\$ 110.00
	20	400	Kjeldahl Nitrogen	SM4500-NORG) 0.1 mg/L	\$ 23.10	\$ 9240,00
	20A	100	Kjeldahi Nitrogen Alt. Method	EPA 351-2	o.lmall	\$ 23.10	\$ 2310.00
Ì	20B	10	Kjeldahl Nitrogen (Solid)	SMUSOO-NORA	C S.OmalL	\$ 23,10	\$ 231-00
	20C	10	Kjeldahl Nitorgen Alt. Method (Solid)	NIA	MAA	\$ 4/A	SHIA
*	21	50	Ammonia Nitrogen	5m4500-HH3E	F 0.1 mg/L	\$ 15,00	\$ 750.00
,	21A	10	Ammonia Nitrogen Alt. Method	HIA	NIA	S MIA	\$ MIA
ļ	21B	10	Ammonia Nitrogen (Solid)	5m4500-NH3 B		\$ 13.20	\$ 132.00
	21C	10	Ammonia Nitrogen Alt. Method (Solid)	MIA	NIA	S NIA	SHIA
	22	50	Organic Nitrogen	EPA 350-1/351	·2 0.5 mg/L	\$ 33.00	\$ 1650,00
	22A	10	Organic Nitrogen Alt. Method	H/A	HIA	\$ 14/A	\$ 4/4
	23	50	Nitrate-Nitrogen	EPA 300.0	0.05 mg/L	\$ 13.20	\$ 660.00
	23A	10	Nitrate-Nitrogen Alt. Method	H/A	MIA	\$ MIA	\$ 4/4
	24	50	Nitrite-Nitrogen	EPA 300.0	$0.05~\mathrm{mg/L}$	\$ 13,20	\$ 660,00
	24A	10	Nitrite-Nitrogen Alt. Method	N/A	MIA	S MIA	SNIA
	24B	10	Nitrite-Nitrogen (Solid)	SW 9056	0.5 mg/kg	\$ 13.20	\$ 132.00
	24C	10	Nitrite-Nitrogen Alt. Method (Solid)	AIA	MIAJI	\$ M/A	\$ H/A
	25	400	Nitrite-Nitrate	EPA 300,0	0.05 mg/L	\$ 13.20	\$ 5250.00
	25A	100	Nitrite-Nitrate Alt. Method	O/A	NIA	SNIA	SMIA
	25B	10	Nitrite-Nitrate (Solid)	5W9056	012 malka	\$ 13,20	\$ 132,00
	25C	10	Nitrite-Nitrate Alt. Method (Solid)	NIA	AIA-J/ J	\$ NIA	\$ 414
**	26	400	Total Phosphorus	SMYSOO-PBE	0.005 mg/L	\$ 20,00	\$ 8000,00
	26A	100	Total Phosphorus Alt. Method	MIA	NIA	SHIA	\$ MIA
	26B	10	Total Phosphorus (Solid)	5W6010-C	1.0 mg/kg	\$ 8,00	\$ 80.00
	26C	10	Total Phosphorus Alt. Method (Solid)	NIA	14/14	\$ N/A	\$ M/A
	27	50	Orthophosphate	EA 300.0	0.01 mg/L	\$ 13.20	\$ 160.00
	27A	10	Orthophosphate Alt. Method	HIA	MIA	\$ M/A	\$ MIA
	28	50	Total Phosphate	SM4500-PBE	0.01 mg/L	\$ 20,00	\$ 1000.00
	28A	10	Total Phosphate Alt. Method	HIA	NIA	\$ HIA	\$ 14/19
	28B	10	Total Phosphate (Solid)	5W (2010 C		\$ 8,00	\$ 80.00
	28C	10	Total Phosphate Alt. Method (Solid)	HIA	N/H -	SAIA	\$ NIA
*	29	25	BOD	5m5210B		\$ 22.00	\$ 550,00
	29A	10	BOD Alt. Method	N/A	N/A	\$ HIA	S N/A
	30	25	BOD-carbonaceous	5M5210B	1 mg/L	\$ 22.00	\$ 550,00
دو باد	30A	10	BOD-carbonaceous Alt. Method	MIA	MIA	SHA	SHIA
**	31	25	COD	EPA 410,4	0.5 mg/L	\$ 22,00	\$ 550,00
	31A	10	COD Alt. Method	NA	M/A	\$ N/A	S M/A
	32	25	тос	5m 5310 C	1 mg/L	\$ 23:10	\$ 577.50
	32A	10	TOC Alt. Method	N/A	N/A	SHA	S MIA
	33	25	MBAS	5m5540C	0.05 mg/L	\$ 29,50	\$ 742,50
	33A	10 .	MBAS Alt. Method	NIA	A/A	\$ H/A	\$ M/A
.	34	25	Phenolics	EPA 420.1	0.01 mg/L	\$ 34,40	\$ 935,00
	34A	10	Phenolics Alt. Method	H/A		\$ 411	\$ 41A \$ 204,00
l	34B	10	Phenolics (Solid)	5w 9065	0.05 mg/Kg		
	35	25	Total Cyanide	EPA 335.4			\$ 715,00
	35A	10 10	Total Cyanide Alt. Method Total Cyanide (Solid)	HIA		\$ N/A	\$ N/A \$ 28600
	35B	Į.	Total Cyanice (Solid)	<u>15849010 9012 </u>	0.04 mg/Kg	\$ 24,00	\$ 28600

	ITEM NO.	EST. QUANTITY	DESCRIPTION	Method #	Method Dection Level*	UNIT PRICE		AMOUNT
Ī								
ſ	36	200	Hexavalent Chromium	5113500-C.D	0.005 mg/L	\$ 28,60	\$	5720,00
Ī	36A	10	Hexavalent Chromium Alt. Method	HIA	HIA .	\$ H/A	\$	MIA
	36B	10	Hexavalent Chromium (Solid)	5W7196A	0.005malke	\$ 28.60	\$	286,00
*	37	25	Oil-Grease	EPA 11064	2 mg/L	\$ 2 0.00	\$	700.00
Γ	37A	10	Oil-Grease Alt. Method	HJA		SHIA	\$	NIA
Γ	37B	10	Oil-Grease (Solid)	5w9071			\$	825.00
	38	100	Cholorophyll A	EPA 4460		\$ 36,50	\$	3850.00
	38A	20	Cholorophyll A Alt. Method	HIA		\$ N/A	\$	NIA
	39	25	Color (APHA)	5m 2120B		\$ 13.20	\$	220,00
	39A	10	Color (APHA) Alt. Method	нін		\$ 41A	\$	MIA
	40	25	Color (ADMI)	5m2120 E		\$ 55,00	\$	1375,00
	40A	10	Color Alt. Method	N/A		\$ MA	\$	MIA
L	41A	25	Cyanide, Amenable	EPA 335.4		\$ 35,20	\$	880,00
L	41B	10	Cyanide, Amenable Alt. Method	M/A		SMIA	\$	N/A
Ļ	42	25	Cyanide, Free (ASTM)	EPA 335,4		\$ 35,20	\$	880,00
L	42A	10	Cyanide, Free Alt. Method	A JA			\$	A/A
Ļ	43	25	Mineral Acidity	5m 2310 B			\$	357.50
ļ	43A	10	Mineral Acidity Alt. Method	H/A		\$ H/A	\$	N/A
ļ	44	25	Total Acidity	5m 2310B		\$ 12.10	\$	302,50
ŀ	44A	10	Total Acidity Alt. Method	N/A	MIA	\$ <u>A</u> /A	\$	AIN
-	45	25	Tot Petroleum Hydrocarbons GRO/DRO (8015)	5WB015B	0.5 mg/L	\$ 71.50	\$	1787.50
ŀ	47	23	Tot Petroleum Hydrocarbons GRO/DRO		O.5 High	- درارا	₽	1707130
ı	45A	10	(8015) Alt. Method	H/H	N/A	s M/A	\$	H/H
·	73/1		Tot Petroleum Hydrocarbons GRO/DRO			Ψ	Ψ_	
	45B	10	(8015) (Solid)	SW8015 B	0.5 mg/kg	\$ 71.50	\$	715,00
t	46	25	Fecal Streptococci	5m9230 C			\$	1512.50
ļ	46A	10	Fecal Streptococci Alt. Method	BIA			\$	MIM
	46B	10	Fecal Streptococci (Solid)	5m9230C		\$ 100,50	\$	605.00
	47	25	Escherichia Coli (Numeric Result)	5m 92238-0		\$ 6050	\$	151250
	47A	10	E. Coli (Numeric Result) Alt. Method	MIA		SMIA	\$	MIA
	48	25	Bicarbonate (Standard Methods)	5m 2320B	1 mg/L	\$ 12.10	\$	302,50
	48A	10	Bicarbonate Alt. Method	HIA	Али		\$	NIA
L	49	25	Ferrous Iron (Standard Methods)	5m 3500-FeD	0.05 mg/L	\$ 33,00	\$	825.00
L	49A	10	Ferrous Iron Alt. Method	N/A			\$	MIA
L	51	25	Dissolved Organic Carbon	5m5310C				5 7 1.50
L	51A	10	Dissolved Organic Carbon Alt. Method	H/A			\$	MA
L	53	4000	Aluminum	EPA 200,17			\$	32000.00
ŀ	53A	100	Aluminum - Alt. method	_A\/A			\$	H/A
ŀ	53B	10	Aluminum (Solid)	5W6010C		\$ 8,00	\$	80,00
-	54	20	Antimony	EPA 200, 7			\$	100.00
-	54A	10	Antimony Alt. Method	EPA 200.8	0,0002 mg/L			138,60
ŀ	54B	10	Antimony (Solid)	SW GOIO C		\$ 8.00	\$	80,00
ŀ	55	20	Arsenic	EPA 2007			\$	160.00
ŀ	55A.	10	Arsenic Alt. Method	EPA 200, 4			\$	138,60
ŀ	55B	10	Arsenic (Solid) Barium	SW WOOLD C			\$	80.00
F	56 56A	20 10	Barium Barium Alt. Method	E?A 200.7			\$	160,00
F	56B		Barium Ait. Method Barium (Solid)	EPA 200.6			\$	138.60
ŀ	57		Beryllium	5W6010C	0.20 mg/L		\$	80.00
+	57A		Beryllium Alt. Method	EPA 200,7 EPA 200,8			\$	160.00
-	57B		Beryllium (Solid)	5W 600 C	0.002 mg/L		\$	138,60
-	58		Boron	GP A 200.7		\$ 8,00 \$ 8,00	\$	160.00
+	58A		Boron Alt. Method	MIA			\$	H/H
1				<u> </u>	- 13 JU - 3	- '114	Ψ	<u> </u>

ITEM NO.	EST. QUANTITY	DESCRIPTION	Method #	Method Dection Level*	UNIT PRICE	AMOUNT
58B	10	Boron (Solid)	5W6010C		\$ 8400	\$ 80,00
59	200	Cadmium	EPA 200.7	0.0002 mg/L	\$ 5,00	\$ 1600,00
59A	20	Cadmium Alt. Method	EPA 200.8	0.0002mg/L	\$ 13,86	\$ 277,20
59B	10	Cadmium (Solid)	5W6010C	0.1malka	\$ 8,00	\$ 80,00
60	500	Calcium	EPA 20017	0.02 mg/L	\$ 8,00	\$ 4000,00
60A	20	Calcium Alt. Method	NIA	AIA	\$ A1A	SAIA
60B	10	Calcium (Solid)	5W/0010C		\$ 8,00	\$ 40,00
61	20	Chromium	EPA 200,77	0.001 mg/L	\$ 8,00	\$ 160,00
61A	10	Chromium Alt. Method	EPA 200.8	0,001 mall	\$ 13,86	\$ 138,60
61B	10	Chromium (Solid)	SW GOIOC	0.2 mg Ka	\$ 8,00	\$ 80.00
62	20	Cobalt	EPA 200,7	0.001 mg/L	\$ 45,00	\$ 160,00
62A	10	Cobalt Alt. Method	FPA 200.8	0,001 mall	\$ 13,86	\$ 138,60
62B	10	Cobalt (Solid)	SW6010C	0,2malka	\$ 8,00.	\$ 80,00
63	200	Copper	EPA 200:17	0.001 mg/L	\$ 8100	\$ 1600.00
63A	20	Copper Alt. Method	EPA 20018	0.001 mall	\$ 13,86	\$ 277.20
63B	10	Copper (Solid)	SWIDOIO C		\$ 400	\$ 80,00
64	3000	Iron	FPA 20017	0.01 mg/L	\$ 8,00	\$ 24000.00
64A	100	Iron Alt. Method	4/4	H/A	\$ MIA	SMIA
64B	10	Iron (Solid)	5W10010C	0,5 malka	\$ 8,00	\$ 80,00
65	200	Lead	EPA 200.7	0.001 mg/L	\$ 8,00	\$ 1600,00
65A	10	Lead Alt. Method		0.0002 mall	\$ 13,86	\$ 138,60
65B	10	Lead (Solid)	5W6010C	110 mal Ka	\$ 8,00	\$ 80,00
66	500	Magnesium	EPA 200.7	0.05 mg/L	\$ 8,00	\$ 4000.00
66A	20	Magnesium Alt. Method	AIA	AIA	\$ MIA	SNIA
66B	10	Magnesium (Solid)	50000 C	romalka	\$ 4,00	\$ 50,00
67	3000	Manganese	EPA 200.7	0.005 mg/L	\$ 8,00	\$ 24000.00
67A	100	Manganese Alt. Method	EPA 200.8		\$ 13,86	\$ (386,00
67B	10	Manganese (Solid)	5W6010C	DIZ malike	\$ 8.00	\$ 80.00
68	200	Mercury	FPA 245.1	0.0001 mg/L	\$ 22.00	\$ 4400,00
68A	200	Mercury / Method 1631E	1631E	0.5 ng/L	s 48,62	\$ 9724.00
68B	10	Mercury (Solid)	5W7471B	0.02 mg/kg	\$ 22,00	\$ 220.00
69	20	Molybdenum	EPA 200 37	0.005 mg/L J	\$ 4,00	\$ 160,000
69A	10	Molybdenum Alt. Method	EPA 200.5	0,001 mall	\$ 13.86	\$ 138,60
69B	10	Molybdenum (Solid)	SWLEDIO C	0.7 mails	\$ 8,00	\$ 80.00
70	200	Nickel	EPA 200.7		\$ 8,00	\$ 1600.00
70A	20	Nickel Alt. Method	EPA 200.8	0.602mg 15	\$ 13,86	\$ 277.20
70B	10	Nickel (Solid)	5W6010C	0.2malka	\$ 8,00	\$ 80,00
71	500	Potassium	EPA 200.7	0.05 mg/L	\$ 8,00	\$ 4000,00
71A	20	Potassium Alt. Method	N/A	NIA	\$ NIA	S NIA
71B	10	Potassium (Solid)	SW GOLOC	2.0 maile	\$ 8,00	\$ 80,00
72	500	Selenium	EPA-200,7		\$ 8,00	\$ 4000.00
72A	20		114BISW7742	M 0.0001	\$ 32,40	\$ 648.00
72B	10	Selenium (Solid)	SWEDIOC	1.0 malka	\$ 8,00	\$ 80.00
73	200	Silver	EPA 200.7	0.0002 mg/L	\$ 4.00	\$ 1600.00
73A	20	Silver Alt. Method	EPA 2008	 	\$ 13.80	\$ 277.20
73B	10	Silver	EPA 10010 C			\$ 80,00
74	500	Sodium	EPA 200.7	0.05 mg/L	\$ 8,00	\$ 4000,00
74A	20	Sodium Alt. Method	HIA	AIA	S N/A	\$ NIA
74B	10	Sodium (Solid)	SW6010 C	3,0 ma//6		\$ 80,00
75	20	Thallium	EPA 200.5	0.001 mg/L	\$ 4.00	\$ 160,000
75A	10	Thallium Alt. Method	EPA 200.8		\$ 13,80	\$ 138,60
75B	10	Thailium (Solid)	5W6010C	1.0 malka		\$ 50,00
76	20	Tin	EPA 2007	0.02 mg/L	\$ 6,00	\$ 160,00
76A	10	Tin Alt. Method	EPA 200,8			\$ 138,60
1,04	1 10	{	1011 YOUR	1 V - 1 111/1 X	· / / / / / /	

NO.	EST. QUANTITY	DESCRIPTION	Method #	Method Dection Level*	UNIT PRICE	AMOUNT
76B	10	Tin (Solid)	SW6010C	1.0 maika	\$ 8,00	\$ 80,00
77	20	Vanadium	EPA 200.7	0.005 mg/L	\$ 8,00	\$ 160.00
77A	10	Vanadium Alt. Method	EPA200.8		\$ 13.86	\$ 138,60
77B	10	Vanadium (Solid)	5W6010C		\$ %,00	\$ 80,00
78	200	Zinc	EPA 200,57	0.002 fng/L	\$ 8,00	\$ 1000.00
78A	20	Zinc Alt. Method	EPA 200,8	0,003milL	\$ 13.86	\$ 277,20
78B	10	Zinc (Solid)	5W6010C	0.5 mg/kg	\$ 5,00	\$ 40,00
79	200	Metals Prep Cost	EPA 200. a	MIA	\$ 11.00	\$ 2200,00
79A	10	Metals Prep Cost (Solid)	5W3050B	HIA	\$ 16,50	\$ 165,00
80	20	Gross Alpha			\$ 35.80	\$ 1716.0C
81	20	Gross Beta			\$ 85,80	\$ 1716,00
82	20	Ra-226			\$ 110.00	\$ 2200,00
83	20	Ra-228			\$ 110,00	\$ 2200.00
84	20	Total Uranium			\$ 82.50	\$ 1650,00
85	20	Sr-89			\$ 137,50	\$ 2750,00
86	20	Sr-90			\$ 137,50	\$ 2750.00
87	20	Tritium (H3)			\$ 82.50	\$ 1650.00
88	20	Gamma (Cs-137)			\$ 104,50	\$ 2000,00
89	20	Radon			\$ 82.50	\$ 1650.00

		Toxicity Testing - Freshwater Organisms	
		Acute:	
90	25	Ceriodaphnia	\$ 320,00 \$ 8000,00
91	10	Daphnia Pulex / D. magna	\$ 320,00 \$ 3200,00
92	25	Pimephales promelas	\$ 425,00 \$ 10625.00
		Chronie:	
93	25	Ceroidaphnia	\$ 1060.p0\$26500.00 \$ 1475.00\$36675,00
94	25	Pimephales promelas (Survival & Growth)	\$ 1475.00 \$ 36675.00
95	200	Analysis of entire "Phase I Parameters" for landfills	\$ 590,00 \$118000.00
		See Appendix B for list.	

I	96	10	Professional staff representation of data in	\$ 120.00	\$ 1200,00
ı	90	10	legal/administrative setting per hour	3 120.00	\$ 1200.0°

97	24	Charleston Office, 601 57th St., SE, Charleston, WV 25304	\$	NC	\$ N C
98	24	Teays Office, P.O. Box 662, Teays, WV 25596	\$	NC	\$ NC
99	24	Fairmont Office, 2031 Pleasant Valley Rd., Fairmont, WV 26554	\$	180.00	\$ 43200
100	24	Romney Office, HC 63, Box 2545, Romney, WV 26757	\$	312,00	\$ 7488.00
101	24	French Creek Office, P.O. Box 38, French Creek, WV 26218	\$	216.00	\$ 5194.00
102	24	Wheeling Office, 131A Peninsula St., Wheeling, WV 26003	\$	201,00	\$ 4824.00
103	24	Parkersburg Office, 2311 Obio Ave., Parkersburg, WV 26010	\$	NC	\$ NC
104	24	Oak Hill Office, 116 Industrial Dr., Oak Hill, WV 25901	S	15(0.00	\$ 37 44.0

ITEM NO.	EST. QUANTITY	DESCRIPTION	Method #	Method Dection Level*	UNIT PRICE	AMOUNT
105	24	Logan Office, 1101 George Kostas Dr. L	ogan, 25601		\$ 765,00	\$ 3960,00
106	24	Welch Office, 311 Court St. Welch 24801			IS 262,50	\$6300,00
107	5000	Other locations as Cost Per Mile to picke	ıp site		ls <i>(), 7</i> 5	\$ 3750,00
108	10	24 Hour Turn-Around Rush Orders**		\$ 50%	\$	
109	10	48 Hour Turn-Around Rush Orders**		\$ 25%	<u>[\$</u>	
110	10	72 Hour Turn Around Rush Orders**			I\$ /5%	 \$
*****	***********					
		TOTAL				\$853,79

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

**During emergency situations samples may be requested on a quicker turn-around basis.

NOTES

Greenscape Analytical Laboratories, Inc. is presently certified to perform analysis as indicated by a single asterick (*) We are currently in training to become certified to perform the analysis as indicated by two astericks (**). As we continue to train on additional parameters, our list of services will continue to expand. Parameters not indicated by astericks are submitted for analysis to s

REI Consultants 225 Industrial Park Drive Beaver, WV 25813

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



AR STEPPEN AND AND THE SECOND PROPERTY OF SECOND PROPERTY OF SECOND AND SECOND AND SECOND AND SECOND ASSESSED. in care e mains a sources and consisted beginne when required by or order

meteriology, equipment quelty control preceders, records, and professor of the This confidence and quantities for the valuity of this generated, but indicates the distributed in a company seminary para form and a secondary.

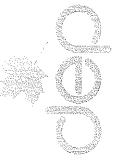
This certificate is the propact of the Department of Environmental Frozacion

32

Certificate number

89753

Quality Assurance Officer



February 21, 2006

Date issued



West Virginia environmental training center



ERITEY THAT

MARLENE EDGELL-HAMMOND

is recognized in the State of West Virginia as a

Certhied Wastewater Laboratory Technician

07~30-91

Date

Certificate Number

ال الله الله

DNR Laboratories/Quality Assurance

WV Environmental Training Center



WEST VIRGINIA ENVIRONNENTAL TRAINING CENT

WEST VIRGINIA DEPARTMENT OF EDUCATION

BUREAU OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION

Nichol Vanscoy Adams

has participated in

Quality Control/Quality Assurance in Environmental Laboratories

CEH2009-110 WW2009-104 13 CEHs Oct 28-29, 2009

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION division of water and waste management

WEST VIRGINIA ENVIRONMENTAL TRAINING CENTER



CERTIFY THAT

Nichol Lynette Vanscoy

is recognized in the State of West Virginia as a

CERTIFIED WASTEWATER LABORATORY TECHNICIAN

10/28/05

Date

DEP Laboratories/Quality Assurance

Certificate Number

442

WV Environmental Maining Center



WEST VIRGINIA ENVIRONNENTAL TRAINING CENTER

WEST VIRGINIA DEPARTMENT OF EDUCATION

BUREAU OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION

has participated in

Dissolved Oxygen Measurement - Tools and Techniques

Date



Training Center Coordinator



Attachment I

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

Annual Certified Parameter List

for

GREENSCAPE ANALYTICAL LABORATORIES, INC. RAVENSWOOD, WEST VIRGINIA

PARAMETERS CERTIFIED

<u>LIMITED CHEMISTRY:</u> Chlorine, Residual(HACH 8167), pH(SM18th4500-H B), Oxygen, Dissolved(SM18th4500-O G)

Demand

SM18th5210 B - Oxygen, Biochemical, (BOD), Oxygen, Biochemical, Carbonaceous, (CBOD)

Nitrogen: Ammonia(SM18th4500NH3 B + SM18th4500NH3 E)

Solids: Suspended(SM18th2540 D)

MICROBIOLOGY

MF: Coliform, Fecal(SM18th9222 D)

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 October 31, 2010.

Certificate No 326

Page 1 of 1

Tommy W. Smith II

Quality Assurance Officer

action

department of environmental protection

_ Issued on October 16, 2009

West Virginia

Department of Environmental Protection

hereby certifies

REI Consultants, Inc.

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.

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

This certificate is the property of the Department of Environmental Protection

Certificate number

Quality Assurance Officer Q.D.J. Ced

February 17, 2006

Date Issued

Certification originally granted 6/2/1997

Attachment I

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

Annual Certified Parameter List

for

REI CONSULTANTS, INCORPORATED

BEAVER, WEST VIRGINIA

PARAMETERS CERTIFIED

AQUATIC TOXICITY

Acute-Invertebrate: Acute Toxicity, Ceriodaphnia dubia(EPA821-R-02-012 2002.0)

Acute-Vertebrate: Acute Toxicity, Fathead Minnows(EPA821-R-02-012 2000.0)

Chronic-Invertebrate: Survival & Reproduction of Ceridaphnia (EPA821-R-02-013 1002.0)

Chronic-Vertebrate: Survival & Growth of Fathead Minnow Larval (EPA821-R-02-013 1000.0)

LIMITED CHEMISTRY: Oil & Grease(EPA1664 A), Turbidity(EPA180.1 Rev 2.0-1993), Cyanide, Total(EPA335.4 Rev 1.0-1993), Phenolics, Total(EPA420.1 Rev 1978), Color(SM18th2120 B), Color(SM18th2120 E), Turbidity(SM18th2130 B), Acidity, Total(SM18th2310 B), Acidity, Hot, Total(SM18th2310 B(4a)), Acidity, Mineral(SM18th2310 B(4d)), Alkalinity(SM18th2320 B), Specific Conductance(SM18th2510 B), Temperature(SM18th2550 B), Phosphorus, Total (SM18th4500-P B.5 + SM18th4500-P E), Sulfide(SM18th4500-S2 E), Sulfite(field test) (SM18th4500-SO3 B), Surfactants, (MBAS)(SM18th5540 C), Corrosivity, pH, Solid & Waste (SW9045D), Hardness, Calcium(SM18th2340 B), Hardness, Total, Calculations(SM18th2340 B), Chlorine, Residual(SM18th4500-Cl G), Chlorine, Residual, (Field Test)(SM18th4500-Cl G), pH(SM18th4500-H B), pH, (Field Test) (SM18th4500-H B),Oxygen, Dissolved(SM18th4500-O C), Oxygen, Dissolved, (Field Test) (SM18th4500-O C)

Demand: Oxygen, Chemical, (COD)(EPA410.4 Rev 2.0-1993), Oxygen, Biochemical, (BOD) (SM18th5210 B), Oxygen, Biochemical, Carbonaceous, (CBOD) (SM18th5210 B), Total Organic Carbon(SM18th5310C)

Nitrogen: Ammonia(EPA350.1 Rev 2.0-1993), Ammonia(SM18th4500NH3B+ SM18th4500NH3E), Ammonia(SM18th4500NH3B + SM18th4500NH3F), Kjeldahl, Total, (TKN)(SM18th4500NorgB + SM18th4500NH3E),

west virginia OGO department of environmental protection

Page 1 of 3

Kjeldahl, Total, (TKN)(SM18th4500NorgB + SM18th4500NH3F), Kjeldahl, Total, (TKN) (EPA 351.2)

ISE: Fluoride(SM18th4500-FB+SM18th4500-FC)

Solids: Total(SM18th2540 B), Dissolved(SM18th2540 C), Suspended(SM18th2540 D), Volatile(SM18th2540 E), Settleable(SM18th2540 F), Volatile, (Sludges)(SM18th2540 G)

IC: EPA300.0 Rev 2.1-1993 - Bromide, Chloride, Fluoride, Nitrate, Nitrate,

METALS

CVAA: Mercury(EPA245.1 Rev 3.0-1994), Mercury(SW7470A), Mercury (SW7471A)

GFAA: SW7010 - Antimony, Arsenic, Cadmium, Chromium, Lead, Selenium, Thallium

ICP/MS

EPA200.8 Rev 5.4-1994 - Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Gold, Lead, Manganese, Molybdenum, Nickel, Palladium, Platinum, Selenium, Silver, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc

SW6020A - Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Gold, Lead, Manganese, Molybdenum, Nickel, Palladium, Platinum, Selenium, Silver, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc

ICP

EPA200.7 Rev 4.4-1994 - Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Gold, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silicon, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc

SW6010C - Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Gold, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silicon, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc

Miscellaneous: Chromium, Hexavalent(SM18th3500-Cr D)

STGFAA

EPA200.9 Rev 2.2-1994 - Arsenic, Cadmium, Chromium, Lead, Selenium

Digestion: Acid Digestion of Aqueous Samples(EPA200.2)

MICROBIOLOGY: Heterotrophic Plate Count(SM18th9215 B)

MF: Coliform, Total(SM18th9222 B), Coliform, Fecal(SM18th9222 D), Streptococci, Fecal(SM19th9230 C)

Page 2 of 3

west virginia 000 department of environmental protection

MT/MW: E-Coli(SM18th9223 B)

ORGANICS

HPLC: Carbonyl Compounds(SW8315A), Nitroaromatics & Nitramines(SW8330), Nitroglycerin(SW8332)

GC/MS: Purgeables(EPA624), Base/Neutrals & Acids(EPA625), Volatile Organic Compounds(SW8260B), Semivolatile Organic Compounds(SW8270D)

GC: EDB & DBCP(EPA504), Purgeable Halocarbons(EPA601), Purgeable Aromatics(EPA602), Acrolein & Acrylonitrile(EPA603), Phenols(EPA604), Organochlorine Pesticides & PCBs(EPA608), EDB & DBCP(SW8011), Halogenated & Aromatic Volatiles(SW8021B), Acrylonitrile(SW8031), Phenols(SW8041), Organochlorine Pesticides(SW8081B), Polychlorinated Biphenyls(SW8082A), Polynuclear Aromatic Hydrocarbons(SW8100), Organophosphorus Compoun), Chlorinated Herbicides(SW8151A), Nonhalogenated Volatile Organics(SW8015C), Total Petroleum Hydrocarbons(SW8015C)

HAZARDOUS WASTE

Characteristics: Reactivity, Cyanide(SW Chapter 7.3.3.2), Reactivity, Sulfide(SW Chapter 7.3.4.2), Ignitability(SW1010), Corrosivity(SW9040C)

Extractions: Separatory Funnel Liquid-Liquid(SW3510C), Soxhlet(SW3540C), Ultrasonic(SW3550B), Waste Dilution(SW3580A), Waste Dilution for Volatile Organics(SW3585), Purge & Trap For Aqueous Sample(SW5030B), Closed System Purge & Trap(SW5035)

Digestion: Acid Digestion of Aqueous Samples & Extracts (FLAA/ICP)(SW3010A), Acid Digestion of Aqueous Samples & Extracts (GFAA)(SW3020A)

Toxicity: TLCP (Metals & Organics)(SW1311A)

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 September 30, 2010.

[September 30, 2009]

[Instruction Expires September 30, 2009]

Certificate No 060

Daniel T. Arnold Program Manager



Digitally signed by Daniel T.
Arnold
DN: cn=Daniel T. Arnold, c=WV
DEP, ou=DWWM,
email=Daniel.T.Arnold@wv.
gov;=105
Date: 2009;10.01 14:56:51



west virginia department of environmental protection

Division of Water and Waste Management 601 57th Street SE Charleston, WV 25304-2345 Phone: (304) 926-0495

Charleston, WV 25304-2345
Phone: (304) 926-0495
Fax: (304) 926-0497

Joe Manchin III, Governor Randy C. Huffman, Cabinet Secretary www.wvdep.org

October 01, 2009

Clarence Haile Laboratory Director REI Consultants, Incorporated PO Box 286 Beaver, WV 25813

Dear Dr. Haile:

Please find enclosed a corrected ATTACHMENT I recertifying your facility through September 30, 2010.

If you have any questions, and if I can be of further assistance please call me at (304) 926-0499 ext. 1341 or e-mail me at <u>Daniel.T.Arnold@wv.gov</u>.

Sincerely.

Daniel T. Arnold Program Manager

da

Enclosure:

MARLENE W. EDGELL-HAMMOND

JMMARY OF QUALIFICATIONS

Experienced Manager with excellent team abilities, strong leadership and presentation skills. Accomplished in employee development and technical training.

ORK EXPERIENCE

Owner/Operator 1999 - Present

GreenScape Analytical Laboratories, Inc., Ravenswood WV 26164

Manager - Laboratory Technician/ 1990 - 1999

Denex Corporation, Ripley WV 25271

Assisted with establishment of new laboratory services including recommendations for equipment and inventory purchases; coal, water and environmental. Trained employees in laboratory procedures. Conducted preparation an analyses on coal, overburden, soil and water samples.

Laboratory Technician - Quality Control/1979 - 1990

R & F Coal Company, Cadiz, OH

Assisted with establishment of laboratory services including recommendations on equipment purchases. Trained analytical technicians in laboratory procedures and practices. Conducted training sessions for laboratory technician in physical and analytical coal analysis at Illinois site. Collected and prepared raw coal samples for analysis. Performed tests such as: core and bulk wash abilities, percent solids, moisture, ash, sulfur Btu and ash fusion. Selec various blending of coal to meet quality control specifications. Determined grouping of coal barges according to quality analysis of coal in order to meet customer specifications. Conducted lecture for the Safety Department on safety procedures to meet MSHA safety training requirements. Entered test results into computer to obtain analysi of coal wash abilities.

Laboratory Technician - Coal Analysis/1977 - 1979

Tra-Det Laboratories, Wheeling WV

Conducted short proximate, volatile matter, FSI & ash fusion analysis of coal samples for several local coal companies. Conducted soil analysis. Assisted with water analysis. Calculated test results and recorded data.

EDUCATION

B.A. Human Resource Management - Completion June, 1992

Wheeling Jesuit College - Wheeling, WV

WV Department of Natural Resources Environmental Training Center - Certified July, 1991
Ripley WV

Associate Degree in Science - December, 1988

West Virginia Northern Community College, Wheeling WV

Emergency Medical Technician, Certified 1983 & 1986

Ohio Department of Education, J.V.S.-St. Clairsville OH

Medical Technology - 1974

West Liberty State College - West Liberty, WV

ERTIFICATIONS

Certified Waste Water Analyst Feed & Forage Analysis

Rt. 2 Box 245 A Eastwood Rd Ravenswood, WV 26164 Home (304) 273-9837 Cell (304) 531-6960 Email slycadence@yahoo.com

Nichol L. Vanscoy Adams

OBJECTIVE

To obtain an entry-level position in the environmental field.

EDUCATION

Sept 2001 - May 2005 Mount Vernon Nazarene University (MVNU) Major: Bachelor of Science Biology (Environmental Science)

Mount Vernon, OH

3.685 GPA

Honors Scholar

Minor: Chemistry

Related Course Work

Conservation of Natural Resources, Earth Science, Field Botany, Environmental Science, Ecology, Tropical Ecology in Belize, Entomology, Invertebrate Zoology, Microbiology, Genetics, General

Chemistry I and II, Organic Chemistry I and II, Quantitative Chemistry, Statistics, Calculus, Honors Project

ACCREDITATIONS

Wastewater Laboratory Technician Quality Control / Quality Assurance in Environmental Labs Certification October 28, 2005

Certification October 29, 2009

SKILLS

Prepared various types of media on which to grow bacteria; Bacterial Identification

Water Ouality Analysis

Experience using lab equipment

Data Analysis Methods, including Statistics

Computer skills: familiar with Microsoft Office and database development

Languages: Intermediate French

WORK

July 2005-Present

Greenscape Analytical Laboratories

Ravenswood, WV

Flammable Gas Evolution Analysis

Wastewater Laboratory Technician

Field Sampling; Chain of Custody

Water analysis: pH, Total Residual Chlorine, Dissolved Oxygen, Fecal Coliform, Biochemical Oxygen Demand, Total Suspended Solids, Ammonia-Nitrogen

Reagent preparation; Ordering Lab Supplies and Inventory

Organization: Record Keeping, Customer Reports, Invoicing, Dish Washing, Autoclaying

Familiar with Lab Procedures, Protocol, and Calibrating Lab Equipment; customer service

August 2005-Sept. 2007 MSM Environmental Services

Farmington, WV

Wastewater - Operator In Training

Monitoring flow of city wastewater treatment facility, reading meters, water analysis

Feb. 2005-May 2005

MVNU Biology Dept.

Mount Vernon, OH

Principles of Biology Lab Assistant for Professor Ingersol

February 2002-May 2005 Pioneer Catering

Mount Vernon, OH

College Cafeteria Worker (Promoted to Manager), Catering Banquets

Sept. 2004-Dec. 2004

MVNU Math Dept.

Mount Vernon, OH

Statistics Grader for Dr. Noonan

Feb. 2003-May 2004

MVNU Math Dept.

Mount Vernon, OH

Statistics Grader for Dr. Marguerite Bennett

REFERENCES

Available upon request



HC 74 Box 119 Ripley, WV 25271 Phone: 304-372-2104 E-mail: bsrana@netscape.com

OBJECTIVE

To obtain a position as a Laboratory Technician doing analysis on polymers.

EDUCATION

West Virginia State College, Institute, WVa., 1984-1987

Associates in Chemistry

Accreditation: Wastewater Laboratory Technician, Certification November 2006.

Certification: Dissolved Oxygen meter

EMPLOYMENT

Greenscape Analytical Laboratories, Ravenswood, WVa., June 2006 to Present.

Flammable Gas Evolution: Determine amount of gas released from hazardous waste of pot liner sample from Century Aluminum and package waste for disposal, then report of results.

Prepare Chain of Custody for Field Sampling.

Water analysis: pH, Total Residual Chlorine, Dissolved Oxygen, Fecal Coliform,

Biochemical Oxygen Demand, Total Suspended Solids, Ammonia-Nitrogen.

Reagent preparation; Ordering Lab Supplies.

Organization: Record Keeping, Customer Reports, Invoicing, Maintain inventory and Customer Service.

Maintain lab equipment and calibration.

Coal analysis: BTU 's, Sulfurs, Moistures, Ash and Neutralization Potentials.

Shell Chemical Co. Polyester Div. Apple Grove, WVa., Sept. 1991 to Sept. 1998.

Assure quality control analysis on polyesters.

Tests Include: Intrinsic Viscosities, Carboxyl content, Acet Aldehyde, Glycol tests on GC, Titrations on catalyst, Total Carbon

Tri-State Testing Co. Inc., Huntington, WVa., July 1991 to Sept. 1991.

Washability tests on new core drills

Determine specific gravities for mining coal.

Commercial Testing & Engineering, Ceredo, WVa., Aug. 1990 to July 1991.

Assure quality control of coal samples

Test for Sulfur, Ash, and Moisture content.

Prepare reports, Control Inventory, and Maintain Instruments.

REFERENCES

Available upon request.



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

Joe Manchin III Governor 1900 Kanawha Boulevard East • Building Five • Room 110 Charleston, West Virginia 25305-0430 • 304/558-3505

October 24, 2008

To Whom It May Concern:

In our dealings with Mrs. Marlene Edgell-Hammond of Greenscape Analytical Laboratories, as a consultant performing environmental testing laboratory services for our organization, the West Virginia Department of Transportation, Division of Highways, Materials Control, Soils and Testing Division is pleased with her ability to maintain quality oversight of day to day operations, and we are satisfied with the firm's successful performance.

Very truly yours,

Aaron C. Gillispie

Director

Materials Control, Soils and Testing Division

ACG:Fjtm

ICG, LLC



J. Marc Coolen
Director of Geology and Exploration
ICG, LLC
300 Corporate Centre Drive
Scott Depot, WV 25560
(304)-760-2431 Direct
(304)-760-2499 Fax
mcoolen@intlcoal.com

Re: Greenscape Analytical Laboratories, Inc.

Letter of Recommendation

October 20, 2008

To Whom It May Concern.

Since 1999, Greenscape Analytical Laboratories Inc. has provided me and my geological staff with excellent and professional analytical services for our ongoing coal exploration and mine permitting activities in Kentucky and West Virginia. We greatly rely on Greenscape Labs for timely and accurate coal and overburden acid/base analyses and other coal-analytical data and over the years we have experienced nothing else but excellent cooperation with the lab.

I have personally witnessed how Mrs. Marlene Edgell-Hammond has used her great business acumen in expanding her Laboratory from a humble start to where it is right now in Ravenswood. She has brought together a well balanced team of technicians, and her lab ranks among the best qualified in its field in this region.

In my capacity as Director of Geology it is my pleasure to full-heartedly recommend Marlene and the analytical services provided by Greenscape Laboratories.

With Best Regards,

J. Marc Coolen

Director of Geology and Exploration

nou looke

RFQ No.	
---------	--

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: Greenscape Analytical Laboratories, Inc.
Authorized Signature: Markue Edgell - Hammand Date: 11/16/10
State of W. Va.
County of <u>Jackson</u> , to-wit:
Taken, subscribed, and sworn to before me this Uthday of November, 2010.
My Commission expires March 3, 2016.
AFFIX SEAL HERE NOTARY PUBLIC ODIO TO CASOS CO
AFFIX SEAL HERE NOTARY RUBLIC TO THE NOTARY RUBLIC
Official Seal Notary Public, State of West Virginia Robin K. McGoskey Wesbanco Bank, Ing. 2 Wall Street

Ravenswood, WV 26164
My Commission Expires March 3, 2016

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.

<u>-</u>	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.			
requirer 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 cted from any unpaid balance on the contract or purchase order.			
authoriz	nission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and res 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 if 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:	+44			
Date:_	11/9/10 Title: President			
*Check a	ny combination of preference consideration(s) indicated above, which you are entitled to receive.			