



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

State of West Virginia
 Request for Quotation

Proc Folder: 132914

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

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2015-10-27	2015-11-12 13:30:00	CRFQ 0313 DEP1600000011	3

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:

ALS Environmental
 1740 Union Carbide Drive
 South Charleston, WV 25303
 (304) 356-3168

11/12/15 10:02:25
 WV Purchasing Division

FOR INFORMATION CONTACT THE BUYER

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

Signature X

FEIN # 76-0606679

DATE 11-12-2015

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

ADDITIONAL INFORMATION:

Addendum No. 02

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To modify the bid opening date to November 12, 2015 at 1:30PM, EST.
2. To provide answers to vendor submitted questions.

No other changes.

Addendum No. 01

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To modify the bid opening date to October 28, 2015 at 1:30PM, EST.

No other changes.

CRFQ

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Department of Environmental Protection to establish an open-end contract for inorganic analysis of water and soil, per the attached specifications.

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

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

Comm Code	Manufacturer	Specification	Model #
81102600			

Extended Description :

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

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Tech Question Deadline at 5:00 PM, EST	2015-09-08

DEP160000011	Document Phase Final	Document Description Addendum 02 Inorganic Analysis of Water and Soil Open End	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

Item #	Est. Quantity	Description	Method #	Method Detection Limit*	Practical Quantitation Limit	Unit Price	Amount
17A	1000	Suspended Solids (TSS) Alt. Method				\$	\$
18	25	Settleable Solids	SM2540F-97	0.2ml/L/hr	0.2ml/L/hr	\$ 9.00	\$ 225.00
18A	10	Settleable Solids Alt. Method				\$	\$
19	25	Volatile Solids	SM2540E-11	6mg/L	10mg/L	\$ 9.00	\$ 225.00
19A	10	Volatile Solids Alt. Method	SM2540G-11	0.25%	1.0%	\$ 9.00	\$ 90.00
19B	10	Volatile Solids (Solid)	SM2540G-97	0.025%	0.05%	\$ 9.00	\$ 90.00
20	25	Percent Solids	SM2540B-97	6mg/L	10mg/L	\$ 8.00	\$ 200.00
20A	10	Percent Solids Alt. Method				\$	\$
20B	10	Percent Solids (Solid)	SM2540G-97	0.025%	0.05%	\$ 8.00	\$ 80.00
21	400	Kjeldahl Nitrogen	SM4500NH3 G-97	0.34mg/L	1mg/L	\$ 13.00	\$ 5200.00
21A	100	Kjeldahl Nitrogen Alt. Method				\$	\$
21B	10	Kjeldahl Nitrogen (Solid)	SM4500NH3 G-97	3.59mg/kg	5mg/kg	\$ 20.00	\$ 200.00
21C	10	Kjeldahl Nitrogen Alt. Method (Solid)				\$	\$
22	50	Ammonia Nitrogen	EPA350.1	0.006mg/L	0.02mg/L	\$ 11.00	\$ 550.00
22A	10	Ammonia Nitrogen Alt. Method	SM4500NH3 G-97	0.006mg/L	0.02mg/L	\$ 11.00	\$ 110.00
22B	10	Ammonia Nitrogen (Solid)	SM4500NH3 G-97	4.2mg/kg	15mg/kg	\$ 11.00	\$ 110.00
22C	10	Ammonia Nitrogen Alt. Method (Solid)				\$	\$
23	50	Organic Nitrogen	Calculation			\$	\$
23A	10	Organic Nitrogen Alt. Method				\$	\$
24	50	Nitrate-Nitrogen	SM4500NO3 3-11	0.012mg/L	0.05mg/L	\$ 11.00	\$ 550.00
24A	10	Nitrate-Nitrogen Alt. Method	EPA353.2	0.006mg/L	0.02mg/L	\$ 11.00	\$ 110.00
25	50	Nitrite-Nitrogen	SM4500NO2 B-11	0.02mg/L	0.05mg/L	\$ 11.00	\$ 550.00
25A	10	Nitrite-Nitrogen Alt. Method	EPA353.2	0.01mg/L	0.02mg/L	\$ 11.00	\$ 110.00
25B	10	Nitrite-Nitrogen (Solid)	SW9056A	0.04mg/kg	1mg/kg	\$ 11.00	\$ 110.00
25C	10	Nitrite-Nitrogen Alt. Method (Solid)	EPA300.0	0.04mg/kg	1mg/kg	\$ 11.00	\$ 110.00
26	400	Nitrite-Nitrate	EPA353.2	0.009mg/L	0.02mg/L	\$ 9.00	\$ 3600.00
26A	100	Nitrite-Nitrate Alt. Method	SM4500NO3 F-00	0.012mg/L	0.05mg/L	\$ 15.00	\$ 1500.00
26B	10	Nitrite-Nitrate (Solid)	SW9056A	0.23mg/kg	2mg/kg	\$ 15.00	\$ 1500.00
26C	10	Nitrite-Nitrate Alt. Method (Solid)	EPA300.0	0.23mg/kg	2mg/kg	\$ 15.00	\$ 150.00
27	400	Total Phosphorus	EPA365.1	0.008mg/L	0.05mg/L	\$ 9.00	\$ 3600.00
27A	100	Total Phosphorus Alt. Method	SM4500P E-99	0.008mg/L	0.05mg/L	\$ 9.00	\$ 900.00
27B	10	Total Phosphorus (Solid)	EPA365.1	0.471mg/kg	5mg/kg	\$ 11.00	\$ 110.00
27C	10	Total Phosphorus Alt. Method (Solid)				\$	\$
28	50	Orthophosphate	EPA365.3	0.07mg/L	0.1mg/L	\$ 10.00	\$ 500.00
28A	10	Orthophosphate Alt. Method	SM4500P E-99	0.005mg/L	0.125mg/L	\$ 10.00	\$ 100.00
29	50	Total Phosphate				\$	\$
29A	10	Total Phosphate Alt. Method				\$	\$
29B	10	Total Phosphate (Solid)				\$	\$
29C	10	Total Phosphate Alt. Method (Solid)				\$	\$
30	25	BOD	SM5210B-01	2.41mg/L	7.23mg/L	\$ 12.00	\$ 300.00
30A	10	BOD Alt. Method				\$	\$
31	25	BOD-carbonaceous	SM5210B-01	2.0mg/L	4.0mg/L	\$ 12.00	\$ 300.00
31A	10	BOD-carbonaceous Alt. Method				\$	\$
32	25	COD	EPA410.4	2.92mg/L	5.0mg/L	\$ 15.00	\$ 375.00

Item #	Est. Quantity	Description	Method #	Method Detection Limit*	Practical Quantitation Limit	Unit Price	Amount
32A	10	COD Alt. Method	N/A			\$	\$
33	25	TOC	SM5310C-11	0.066mg/L	0.5mg/L	\$ 19.00	\$ 475.00
33A	10	TOC Alt. Method	Walkley-Black	0.007%	0.025%	\$ 28.00	\$ 280.00
34	25	MBAS	SM5540C-00	0.005mg/L	0.025mg/L	\$ 23.00	\$ 575.00
34A	10	MBAS Alt. Method				\$	\$
35	25	Phenolics	EPA420.4	0.006mg/L	0.01mg/L	\$ 21.00	\$ 525.00
35A	10	Phenolics Alt. Method				\$	\$
35B	10	Phenolics (Solid)	SW9066	0.093mg/kg	0.5mg/kg	\$ 36.00	\$ 360.00
36	25	Total Cyanide	SM4500CN E-99	0.003mg/L	0.005mg/L	\$ 16.00	\$ 400.00
36A	10	Total Cyanide Alt. Method	EPA335.4	0.003mg/L	0.005mg/L	\$ 16.00	\$ 160.00
36B	10	Total Cyanide (Solid)	SW9012B	0.022mg/kg	0.5mg/kg	\$ 21.00	\$ 210.00
37	200	Hexavalent Chromium	EPA218.6	0.052ug/L	0.25ug/L	\$ 16.00	\$ 3200.00
37A	10	Hexavalent Chromium Alt. Method	SM3500Cr B-09	0.003mg/L	0.005mg/L	\$ 15.00	\$ 150.00
37B	10	Hexavalent Chromium	SW7196A	0.003mg/L	0.005mg/L	\$ 15.00	\$ 150.00
38	25	Oil-Grease	EPA1664A	1.387mg/L	5.0mg/L	\$ 26.00	\$ 650.00
38A	10	Oil-Grease Alt. Method				\$	\$
38B	10	Oil-Grease (Solid)				\$	\$
39	100	Chlorophyll A				\$	\$
39A	20	Chlorophyll A Alt. Method				\$	\$
40	25	Color (APHA)	SM2120B-11	1CU	5CU	\$ 10.00	\$ 250.00
40A	10	Color (APHA) Alt. Method				\$	\$
41	25	Color (ADMI)				\$	\$
41A	10	Color Alt. Method				\$	\$
42	25	Cyanide, Amenable	SM4500CN E-99	0.003mg/L	0.005mg/L	\$ 28.00	\$ 700.00
42A	10	Cyanide, Amenable Alt. Method				\$	\$
43	25	Cyanide, Free (ASTM)				\$	\$
43A	10	Cyanide, Free Alt. Method	OIA-1671	0.83mg/L	2mg/L	\$ 23.00	\$ 230.00
44	25	Mineral Acidity	SM2310B-97	6.99mg/L	12mg/L	\$ 9.00	\$ 225.00
44A	10	Mineral Acidity Alt. Method				\$	\$
45	25	Total Acidity	SM2310B-97	6.99mg/L	12mg/L	\$ 9.00	\$ 225.00
45A	10	Total Acidity Alt. Method				\$	\$
46	25	Tot Petroleum Hydrocarbons GRO/DRO (8015)	SW8015C	DRO-0.18mg/L GRO-32.9ug/L	DRO-0.1mg/L GRO-200ug/L	\$ 55.00	\$ 1375.00
46A	10	Tot Petroleum Hydrocarbons GRO/DRO (8015) Alt. Method				\$	\$
46B	10	Tot Petroleum Hydrocarbons GRO/DRO (8015) (Solid)	SW8015D	DRO-1.8mg/kg GRO-1210ug/kg	DRO-5mg/kg GRO-250ug/kg	\$ 64.00	\$ 640.00
47	25	Fecal Streptococci				\$	\$
47A	10	Fecal Streptococci Alt. Method				\$	\$
47B	10	Fecal Streptococci (Solid)				\$	\$
48	25	Escherichia Coli (Numeric Result)	HACH10029	1cfu/100ml	1cfu/100ml	\$ 18.00	\$ 450.00
48A	10	E. Coli (Numeric Result) Alt. Method				\$	\$
49	100	Enterococci				\$	\$
50	20	Iron Bacteria				\$	\$
51	20	Sulfate Reducing Bacteria				\$	\$
52	25	Bicarbonate (Standard Methods)	SM2320B	4.25mg/L	10mg/L	\$ 9.00	\$ 225.00
52A	10	Bicarbonate Alt. Method	SM2320B	4.25mg/L	10mg/L	\$ 9.00	\$ 90.00

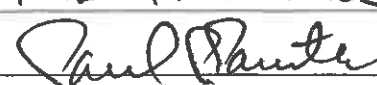
Item #	Est. Quantity	Description	Method #	Method Detection Limit*	Practical Quantitation Limit	Unit Price	Amount
53	25	Ferrous Iron (Standard Methods)				\$	\$
53A	10	Ferrous Iron Alt. Method				\$	\$
54	25	Dissolved Organic Carbon				\$	\$
54A	10	Dissolved Organic Carbon Alt. Method				\$	\$
55	4000	Aluminum	EPA200.7	0.0009mg/L	0.01mg/L	\$ 3.50	\$ 14000.00
55A	100	Aluminum - Alt. method	EPA200.8	0.0011mg/L	0.01mg/L	\$ 7.00	\$ 700.00
55B	10	Aluminum (Solid)	SW6010C	0.088mg/kg	0.5mg/kg	\$ 5.00	\$ 500.00
56	20	Antimony	EPA200.7	0.0016mg/L	0.005mg/L	\$ 5.00	\$ 100.00
56A	10	Antimony Alt. Method	EPA200.8	0.0001mg/L	0.005mg/L	\$ 7.00	\$ 70.00
56B	10	Antimony (Solid)	SW6010C	0.113mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
57	20	Arsenic	EPA200.7	0.0014mg/L	0.005mg/L	\$ 5.00	\$ 100.00
57A	10	Arsenic Alt. Method	EPA 200.8	0.0007mg/L	0.005mg/L	\$ 7.00	\$ 70.00
57B	10	Arsenic (Solid)	SW6010C	0.061mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
58	20	Barium	EPA200.7	0.0006mg/L	0.005mg/L	\$ 5.00	\$ 100.00
58A	10	Barium Alt. Method	EPA200.8	0.0002mg/L	0.005mg/L	\$ 7.00	\$ 70.00
58B	10	Barium (Solid)	SW6010C	0.116mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
59	20	Beryllium	EPA200.7	0.00012mg/L	0.002mg/L	\$ 5.00	\$ 100.00
59A	10	Beryllium Alt. Method	EPA200.8	0.0002mg/L	0.002mg/L	\$ 7.00	\$ 70.00
59B	10	Beryllium (Solid)	SW6010C	0.008mg/kg	0.1mg/kg	\$ 5.00	\$ 50.00
60	20	Boron	EPA200.7	0.0029mg/L	0.02mg/L	\$ 5.00	\$ 100.00
60A	10	Boron Alt. Method	EPA200.8	0.0038mg/L	0.02mg/L	\$ 7.00	\$ 70.00
60B	10	Boron (Solid)	SW6010C	0.248mg/kg	1.0mg/kg	\$ 5.00	\$ 50.00
61	200	Cadmium	EPA200.7	0.0008mg/L	0.01mg/L	\$ 5.00	\$ 1000.00
61A	20	Cadmium Alt. Method	EPA200.8	0.0001mg/L	0.0002mg/L	\$ 7.00	\$ 140.00
61B	10	Cadmium (Solid)	SW6010C	0.039mg/kg	0.5g/kg	\$ 5.00	\$ 50.00
62	500	Calcium	EPA200.7	0.022mg/L	0.5mg/L	\$ 3.50	\$ 1750.00
62A	20	Calcium Alt. Method	EPA200.8	0.383mg/L	0.5mg/L	\$ 7.00	\$ 140.00
62B	10	Calcium (Solid)	SW6010C	3.38mg/kg	25mg/kg	\$ 5.00	\$ 50.00
63	20	Chromium	EPA200.7	0.00015mg/L	0.005mg/L	\$ 5.00	\$ 100.00
63A	10	Chromium Alt. Method	EPA200.8	0.0001mg/L	0.005mg/L	\$ 7.00	\$ 70.00
63B	10	Chromium (Solid)	SW6010C	0.008mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
64	20	Cobalt	EPA200.7	0.00022mg/L	0.005mg/L	\$ 5.00	\$ 100.00
64A	10	Cobalt Alt. Method	EPA200.8	0.0002mg/L	0.005mg/L	\$ 7.00	\$ 70.00
64B	10	Cobalt (Solid)	SW6010C	0.011mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
65	200	Copper	EPA200.7	0.00036mg/L	0.01mg/L	\$ 5.00	\$ 1000.00
65A	20	Copper Alt. Method	EPA200.8	0.0002mg/L	0.005mg/L	\$ 7.00	\$ 140.00
65B	10	Copper (Solid)	SW6010C	0.027mg/kg	0.5mg/kg	\$ 5.00	\$ 50.00
66	3000	Iron	EPA200.7	0.0044mg/L	0.08mg/L	\$ 3.50	\$ 10500.00
66A	100	Iron Alt. Method	EPA200.8	0.010mg/L	0.08mg/L	\$ 7.00	\$ 700.00
66B	10	Iron (Solid)	SW6010C	0.383mg/kg	4.0mg/kg	\$ 5.00	\$ 50.00
67	200	Lead	EPA200.7	0.0019mg/L	0.005mg/L	\$ 5.00	\$ 1000.00
67A	10	Lead Alt. Method	EPA200.8	0.0001mg/L	0.005mg/L	\$ 7.00	\$ 70.00
67B	10	Lead (Solid)	SW6010C	0.03mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
68	500	Magnesium	EPA200.7	0.022mg/L	0.2mg/L	\$ 3.50	\$ 1750.00
68A	20	Magnesium Alt. Method	EPA200.8	0.0191mg/L	0.2mg/L	\$ 7.00	\$ 140.00
68B	10	Magnesium (Solid)	SW6010C	2.63mg/kg	10mg/kg	\$ 5.00	\$ 50.00
69	3000	Manganese	EPA200.7	0.00017mg/L	0.005mg/L	\$ 3.50	\$ 10500.00
69A	100	Manganese Alt. Method	EPA200.8	0.0002mg/L	0.005mg/L	\$ 7.00	\$ 700.00
69B	10	Manganese (Solid)	SW6010C	0.017mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
70	200	Mercury	EPA245.1	0.000018mg/L	0.0002mg/L	\$ 15.00	\$ 3000.00
70A	200	Mercury / Method 1631E	EPA1631E	0.2ng/L	0.5ng/L	\$ 50.00	\$ 10000.00
70B	10	Mercury (Solid)	SW7471A	0.0017mg/kg	0.02mg/kg	\$ 15.00	\$ 150.00

Item #	Est. Quantity	Description	Method #	Method Detection Limit*	Practical Quantitation Limit	Unit Price	Amount
71	20	Molybdenum	EPA 200.7	0.00028mg/L	0.005mg/L	\$ 5.00	\$ 100.00
71A	10	Molybdenum Alt. Method	EPA200.8	0.0002mg/L	0.005mg/L	\$ 7.00	\$ 70.00
71B	10	Molybdenum (Solid)	SW6010C	0.017mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
72	200	Nickel	EPA200.7	0.0005mg/L	0.005mg/L	\$ 5.00	\$ 1000.00
72A	20	Nickel Alt. Method	EPA200.8	0.0004mg/L	0.005mg/L	\$ 7.00	\$ 140.00
72B	10	Nickel (Solid)	SW6010C	0.077mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
73	500	Potassium	EPA200.7	0.023mg/L	0.2mg/L	\$ 3.50	\$ 1750.00
73A	20	Potassium Alt. Method	EPA200.8	0.034mg/L	0.2mg/L	\$ 7.00	\$ 140.00
73B	10	Potassium (Solid)	SW6010C	2.23mg/kg	10mg/kg	\$ 5.00	\$ 50.00
74	500	Selenium	EPA200.7	0.0042mg/L	0.001mg/L	\$ 3.50	\$ 1750.00
74A	20	Selenium Alt. Method	EPA200.8	0.001mg/L	0.005mg/L	\$ 7.00	\$ 140.00
74B	10	Selenium (Solid)	SW6010C	0.15mg/kg	0.5mg/kg	\$ 5.00	\$ 50.00
75	200	Silver	EPA200.7	0.00038mg/L	0.005mg/L	\$ 5.00	\$ 1000.00
75A	20	Silver Alt. Method	EPA200.8	0.0001mg/L	0.005mg/L	\$ 7.00	\$ 140.00
75B	10	Silver	SW6010C	0.025mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
76	500	Sodium	EPA200.7	0.024mg/L	0.2mg/L	\$ 3.50	\$ 1750.00
76A	20	Sodium Alt. Method	EPA200.8	0.051mg/L	0.2mg/L	\$ 7.00	\$ 140.00
76B	10	Sodium (Solid)	SW6010C	1.61mg/kg	10mg/kg	\$ 5.00	\$ 50.00
77	200	Strontium	EPA200.7	0.00015mg/L	0.005mg/L	\$ 5.00	\$ 1000.00
77A	20	Strontium Alt. Method	EPA200.8	0.0003mg/L	0.005mg/L	\$ 7.00	\$ 140.00
78	20	Thallium	EPA200.7	0.002mg/L	0.01mg/L	\$ 5.00	\$ 100.00
75A	10	Thallium Alt. Method	EPA200.8	0.0004mg/L	0.05mg/L	\$ 7.00	\$ 70.00
75B	10	Thallium (Solid)	SW6010C	0.21mg/kg	0.5mg/kg	\$ 5.00	\$ 50.00
79	20	Tin	EPA200.7	0.00062mg/L	0.01mg/L	\$ 5.00	\$ 100.00
79A	10	Tin Alt. Method	EPA200.8	0.0002mg/L	0.002mg/L	\$ 7.00	\$ 70.00
79B	10	Tin (Solid)	SW6010C	0.044mg/kg	0.5mg/kg	\$ 5.00	\$ 50.00
80	20	Vanadium	EPA200.7	0.00048mg/L	0.005mg/L	\$ 5.00	\$ 100.00
80A	10	Vanadium Alt. Method	EPA200.8	0.0004mg/L	0.005mg/L	\$ 7.00	\$ 70.00
80B	10	Vanadium (Solid)	SW6010C	0.027mg/kg	0.25mg/kg	\$ 5.00	\$ 50.00
81	200	Zinc	EPA200.7	0.0018mg/L	0.01mg/L	\$ 5.00	\$ 1000.00
81A	20	Zinc Alt. Method	EPA200.8	0.0024mg/L	0.01mg/L	\$ 7.00	\$ 140.00
81B	10	Zinc (Solid)	SW6010C	0.08mg/kg	0.5mg/kg	\$ 5.00	\$ 50.00
82	200	Metals Prep Cost				\$ 8.00	\$ 1000.00
82A	10	Metals Prep Cost (Solid)				\$ 8.00	\$ 80.00
83	20	Gross Alpha				\$	\$
83A	10	Gross Alpha (Solid)				\$	\$
84	20	Gross Beta				\$	\$
84A	10	Gross Beta (Solid)				\$	\$
85	20	Ra-226				\$	\$
85A	10	Ra-226 (Solid)				\$	\$
86	20	Ra-228				\$	\$
86A	10	Ra-228 (Solid)				\$	\$
87	20	Total Uranium				\$	\$
87A	10	Total Uranium (Solid)				\$	\$
88	20	Sr-89				\$	\$
88A	10	Sr-89 (Solid)				\$	\$
89	20	Sr-90				\$	\$
89A	10	Sr-90 (Solid)				\$	\$
90	20	Tritium (H3)				\$	\$
90A	10	Tritium (H3) (Solid)				\$	\$
91	20	Gamma (Cs-137)				\$	\$
91A	10	Gamma (Cs-137) (Solid)				\$	\$
92	20	Radon				\$	\$
92A	10	Radon (Solid)				\$	\$

Toxicity Testing - Freshwater Organisms					
Item #	Est. Quantity	Description	Method #	Unit Price	Amount
Acute:					
93	25	Ceriodaphnia	EPA821-R-02-012 2002.0	\$ 190.00	\$ 4750.00
94	10	Daphnia Pulex / D. magna		\$	\$
95	25	Pimephales promelas	EPA821-R-02-012 2000.0	\$ 205.00	\$ 5125.00
Chronic:					
96	25	Ceriodaphnia	EPA821-R-02-013 1002.0	\$ 750.00	\$ 18750.00
97	25	Pimephales promelas (Survival & Growth)	EPA821-R-02-013 1000.0	\$ 800.00	\$ 20000.00

Collection of samples - costs associated with sample pickup from the following locations:					
98	24	Bridgeport Office, 101 Cambridge Place, Bridgeport, WV 26330		\$ 63.50	\$ 1524.00
99	24	Charleston Office, 601 57th Street S.E., Charleston, WV 25304		\$ 0.00	\$ 0.00
100	24	Fairmont Office, 2031 Pleasant Valley Rd., Fairmont, WV 26554		\$ 71.50	\$ 1716.00
101	24	French Creek Office, P.O. Box 38, French Creek, WV 26218		\$ 53.00	\$ 1272.00
102	24	Logan Office, 1101 George Kostas Dr., Logan, 25601		\$ 26.50	\$ 636.00
103	24	Oak Hill Office, 116 Industrial Dr., Oak Hill, WV 25901		\$ 28.50	\$ 684.00
104	24	Parkersburg Office, 2311 Ohio Ave., Parkersburg, WV 26010		\$ 40.00	\$ 960.00
105	24	Philippi Office, 105 South Railroad Street, Philippi, WV 26416		\$ 69.50	\$ 1668.00
106	24	Romney Office, HC 63, Box 2545, Romney, WV 26757		\$ 114.50	\$ 2748.00
107	24	Teays Office, P.O. Box 662, Teays, WV 25596		\$ 0.00	\$ 0.00
108	24	Welch Office, 311 Court St., Welch, 24801		\$ 56.00	\$ 1344.00
109	24	Wheeling Office, 131A Peninsula St., Wheeling, WV 26003		\$ 0.00	\$ 0.00
110	5000	Other locations as Cost Per Mile to pickup site		\$ 0.50	\$ 2500.00
111	10	24 Hour Turn-Around Rush Order fee, per sample		\$ 80%	\$
112	10	48 Hour Turn-Around Rush Order fee, per sample		\$ 60%	\$
113	10	72 Hour Turn-Around Rush Order fee, per sample		\$ 40%	\$
TOTAL					\$ 380562.00

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

Company: ALS ENVIRONMENTAL
Name: PAUL P. PAINTER
Signature:  Date: 11/12/2015

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

ALS ENVIRONMENTAL

(Company)

 PAUL P. PAINTER, TECHNICAL SALES REPRESENTATIVE
(Authorized Signature) (Representative Name, Title)

(304) 573-2130 ; F- (304) 205-6262 ; 11/19/2015
(Phone Number) (Fax Number) (Date)

SOLICITATION NUMBER: CRFQ DEP1600000011

Addendum Number: 02

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To modify the bid opening date to November 12, 2015 at 1:30PM, EST.
2. To provide answers to vendor submitted questions.

No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFA DEP 16 0000011

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

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

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

ALS ENVIRONMENTAL

Company



Authorized Signature

11-12-2015

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

Revised 6/8/2012

REQUEST FOR QUOTATION
Inorganic Analysis of Water and Soil

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

7.2.1 Immediate cancellation of the Contract.

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

7.2.3 Any other remedies available in law or equity.

8. MISCELLANEOUS:

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

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

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

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

Contract Manager: REBECCA KISER
Telephone Number: (304) 356-3168
Fax Number: (304) 205-6262
Email Address: Rebecca.Kiser@alsglobal.com

Attachment I

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

List of Certified Parameters
for

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

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Chlorine, Residual	SM4500-Cl G-11	Spectrophotometric
Conductance, Specific	SM2510 B-11	Probe
Nitrate	SM4500-NO3 E-11 minus SM4500-NO2 B-11	Calculation
Nitrate-Nitrite	SM4500-NO3 E-11	Spectrophotometric
Nitrite	SM4500-NO2 B-11	Spectrophotometric
Oxygen Demand, Biochemical (BOD)	SM5210 B-11	Probe
Oxygen Demand, Carbonaceous Biochemical (CBOD)	SM5210 B-11	Probe
Oxygen, Dissolved	SM4500-O G-11	Probe
pH (Hydrogen Ion)	SM4500-H B-11	Electrode
pH (Hydrogen Ion)	SW9040C	Electrode
Phosphorus, Ortho	EPA365.3 Rev 1978	Spectrophotometric
Solids, Settleable	SM2540 F-11	Imhoff
Sulfite	SM4500-SO3 B-11	Titrimetric
Temperature	SM2550 B-00	Thermometric
Turbidity	EPA180.1 Rev 2.0-1993	Turbidimetric

NONPOTABLE WATER MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MF)	SM9222 D-97	Membrane Filter
Coliform, Fecal (MPN)	SM9221 E-06	Multiple Tube
Coliform, Total (MF)	SM9222 B-97	Membrane Filter
Coliform, Total (MPN)	SM9221 B-06	Multiple Tube
E. Coli (MF)	HACH 10029	Membrane Filter

WHOLE EFFLUENT TOXICITY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Acute - Ceriodaphnia dubia	EPA821-R-02-012 2002.0	Acute
Acute - Fathead Minnow	EPA821-R-02-012 2000.0	Acute
Chronic - Ceriodaphnia dubia	EPA821-R-02-013 1002.0	Chronic
Chronic - Fathead Minnow	EPA821-R-02-013 1000.0	Chronic

SOLID AND CHEMICAL INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
pH (Hydrogen Ion)	SW9040C	Electrode
pH (Hydrogen Ion)	SW9045D	Electrode

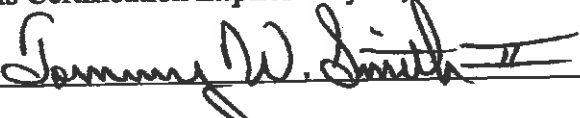
SOLID AND CHEMICAL MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MPN)	SM9221 E-06	Multiple Tube

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

This Certification Expires May 31, 2016.

Certificate No 385

 Issued on July 10, 2015

Tommy W. Smith II
Quality Assurance Officer

NOTE: This Attachment I supersedes and voids all previous Attachment I documents issued by WV DEP.

Attachment I

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

List of Certified Parameters
for

ALS ENVIRONMENTAL - HOLLAND
MICHIGAN
HOLLAND, MICHIGAN

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Acidity	SM2310 B-97	Titrimetric
Alkalinity	SM2320 B-97	Titrimetric
Ammonia	EPA350.1 Rev 2.0-1993	Spectrophotometric
Ammonia	SM4500-NH3 G-97	Spectrophotometric
Bromide	EPA300.0 Rev 2.1-1993	IC
Bromide	SW9056A	IC
Carbon, Total Organic (TOC)	SM5310 C-11	Oxidation
Carbon, Total Organic (TOC)	SW9060A	Oxidation
Chloride	EPA300.0 Rev 2.1-1993	IC
Chloride	SM4500-Cl C-97	Titrimetric
Chloride	SW9056A	IC
Chlorine, Residual	SM4500-Cl G-00	Spectrophotometric
Chromium, Hexavalent	SM3500 Cr B-09	Spectrophotometric
Chromium, Hexavalent	SW3060A	Digestion
Chromium, Hexavalent	SW7196A	Spectrophotometric
Conductance, Specific	SM2510 B-97	Probe
Cyanide, Amenable to Chlorination	SM4500-CN E-99	Spectrophotometric
Cyanide, Amenable to Chlorination	SM4500-CN G-99	Digestion
Cyanide, Available	OIA-1677	FI/LE
Cyanide, Free	OIA-1677	FI
Cyanide, Total	ASTM D7511-09	Amperometric
Cyanide, Total	EPA335.4 Rev 1.0-1993	Spectrophotometric
Cyanide, Total	SM4500-CN C-99	Distillation
Cyanide, Total	SM4500-CN E-99	Spectrophotometric
Cyanide, Total	SW9010B	Distillation
Cyanide, Total	SW9012A	Spectrophotometric
Cyanide, Weak Acid Dissociable	SM4500-CN E-99	Spectrophotometric
Cyanide, Weak Acid Dissociable	SM4500-CN I-99	Distillation
Fluoride	EPA300.0 Rev 2.1-1993	IC

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Fluoride	SW9056A	IC
Hardness, Total	SM2340 B-97	Calculation
Hardness, Total	SM2340 C-97	Titrimetric
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate	EPA353.2 Rev 2.0-1993	Calculation
Nitrate	SM4500-NO3 F-00	Calculation
Nitrate	SW9056A	IC
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	Calculation
Nitrate-Nitrite	EPA353.2 Rev 2.0-1993	Spectrophotometric
Nitrate-Nitrite	SM4500-NO3 F-00	Spectrophotometric
Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrite	EPA353.2 Rev 2.0-1993	Spectrophotometric
Nitrite	SM4500-NO2 B-00	Spectrophotometric
Nitrite	SM4500-NO3 F-00	Spectrophotometric
Nitrite	SW9056A	IC
Nitrogen, Total Kjeldahl (TKN)	EPA351.2 Rev 2.0-1993	Colorimetric
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 G-97	Spectrophotometric
Oil & Grease	EPA1664 A	Gravimetric
Oxygen Demand, Biochemical (BOD)	SM5210 B-01	Probe
Oxygen Demand, Carbonaceous Biochemical (CBOD)	SM5210 B-01	Probe
Oxygen Demand, Chemical (COD)	EPA410.4 Rev 2.0-1993	Spectrophotometric
pH (Hydrogen Ion)	SM4500-H B-00	Electrode
pH (Hydrogen Ion)	SW9040C	Electrode
Phenolics, Total	EPA420.4 Rev 1.0-1993	Spectrophotometric
Phosphorus, Ortho	EPA365.1 Rev 2.0-1993	Spectrophotometric
Phosphorus, Ortho	SM4500-P E-99	Spectrophotometric
Phosphorus, Total	EPA365.1 Rev 2.0-1993	Spectrophotometric
Phosphorus, Total	SM4500-P E-99	Spectrophotometric
Solids, Dissolved	SM2540 C-97	Gravimetric
Solids, Settleable	SM2540 F-97	Imhoff
Solids, Suspended	SM2540 D-97	Gravimetric
Solids, Total	SM2540 B-97	Gravimetric
Sulfate	EPA300.0 Rev 2.1-1993	IC
Sulfate	SW9056A	IC
Sulfide	SM4500-S F-00	Titrimetric
Sulfide	SW9030B	Distillation
Sulfide	SW9034	Titrimetric
Turbidity	SM2130 B-01	Turbidimetric

NONPOTABLE WATER TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	EPA200.7 Rev 4.4-1994	ICP
Aluminum	EPA200.8 Rev 5.4-1994	ICP-MS
Aluminum	SW6010C	ICP
Aluminum	SW6020A	ICP-MS
Antimony	EPA200.7 Rev 4.4-1994	ICP
Antimony	EPA200.8 Rev 5.4-1994	ICP-MS

METALMETHODTECHNOLOGY

Antimony	SW6010C	ICP
Antimony	SW6020A	ICP-MS
Arsenic	EPA200.7 Rev 4.4-1994	ICP
Arsenic	EPA200.8 Rev 5.4-1994	ICP-MS
Arsenic	SW6010C	ICP
Arsenic	SW6020A	ICP-MS
Barium	EPA200.7 Rev 4.4-1994	ICP
Barium	EPA200.8 Rev 5.4-1994	ICP-MS
Barium	SW6010C	ICP
Barium	SW6020A	ICP-MS
Beryllium	EPA200.7 Rev 4.4-1994	ICP
Beryllium	EPA200.8 Rev 5.4-1994	ICP-MS
Beryllium	SW6010C	ICP
Beryllium	SW6020A	ICP-MS
Boron	EPA200.7 Rev 4.4-1994	ICP
Boron	EPA200.8 Rev 5.4-1994	ICP-MS
Boron	SW6010C	ICP
Boron	SW6020A	ICP-MS
Cadmium	EPA200.7 Rev 4.4-1994	ICP
Cadmium	EPA200.8 Rev 5.4-1994	ICP-MS
Cadmium	SW6010C	ICP
Cadmium	SW6020A	ICP-MS
Calcium	EPA200.7 Rev 4.4-1994	ICP
Calcium	EPA200.8 Rev 5.4-1994	ICP-MS
Calcium	SW6010C	ICP
Calcium	SW6020A	ICP-MS
Chromium	EPA200.7 Rev 4.4-1994	ICP
Chromium	EPA200.8 Rev 5.4-1994	ICP-MS
Chromium	SW6010C	ICP
Chromium	SW6020A	ICP-MS
Cobalt	EPA200.7 Rev 4.4-1994	ICP
Cobalt	EPA200.8 Rev 5.4-1994	ICP-MS
Cobalt	SW6010C	ICP
Cobalt	SW6020A	ICP-MS
Copper	EPA200.7 Rev 4.4-1994	ICP
Copper	EPA200.8 Rev 5.4-1994	ICP-MS
Copper	SW6010C	ICP
Copper	SW6020A	ICP-MS
Iron	EPA200.7 Rev 4.4-1994	ICP
Iron	EPA200.8 Rev 5.4-1994	ICP-MS
Iron	SW6010C	ICP
Iron	SW6020A	ICP-MS
Lead	EPA200.7 Rev 4.4-1994	ICP
Lead	EPA200.8 Rev 5.4-1994	ICP-MS
Lead	SW6010C	ICP
Lead	SW6020A	ICP-MS
Magnesium	EPA200.7 Rev 4.4-1994	ICP
Magnesium	EPA200.8 Rev 5.4-1994	ICP-MS
Magnesium	SW6010C	ICP
Magnesium	SW6020A	ICP-MS

METALMETHODTECHNOLOGY

Manganese	EPA200.7 Rev 4.4-1994	ICP
Manganese	EPA200.8 Rev 5.4-1994	ICP-MS
Manganese	SW6010C	ICP
Manganese	SW6020A	ICP-MS
Mercury	EPA1631 E	CVAF
Mercury	EPA245.1 Rev 3.0-1994	CVAA
Mercury	SW7470A	CVAA
Metals, Total	SW3010A	Digestion
Molybdenum	EPA200.7 Rev 4.4-1994	ICP
Molybdenum	EPA200.8 Rev 5.4-1994	ICP-MS
Molybdenum	SW6010C	ICP
Molybdenum	SW6020A	ICP-MS
Nickel	EPA200.7 Rev 4.4-1994	ICP
Nickel	EPA200.8 Rev 5.4-1994	ICP-MS
Nickel	SW6010C	ICP
Nickel	SW6020A	ICP-MS
Potassium	EPA200.7 Rev 4.4-1994	ICP
Potassium	EPA200.8 Rev 5.4-1994	ICP-MS
Potassium	SW6010C	ICP
Potassium	SW6020A	ICP-MS
Selenium	EPA200.7 Rev 4.4-1994	ICP
Selenium	EPA200.8 Rev 5.4-1994	ICP-MS
Selenium	SW6010C	ICP
Selenium	SW6020A	ICP-MS
Silver	EPA200.7 Rev 4.4-1994	ICP
Silver	EPA200.8 Rev 5.4-1994	ICP-MS
Silver	SW6010C	ICP
Silver	SW6020A	ICP-MS
Sodium	EPA200.7 Rev 4.4-1994	ICP
Sodium	EPA200.8 Rev 5.4-1994	ICP-MS
Sodium	SW6010C	ICP
Sodium	SW6020A	ICP-MS
Strontium	EPA200.7 Rev 4.4-1994	ICP
Strontium	EPA200.8 Rev 5.4-1994	ICP-MS
Strontium	SW6010C	ICP
Strontium	SW6020A	ICP-MS
Thallium	EPA200.7 Rev 4.4-1994	ICP
Thallium	EPA200.8 Rev 5.4-1994	ICP-MS
Thallium	SW6010C	ICP
Thallium	SW6020A	ICP-MS
Tin	EPA200.7 Rev 4.4-1994	ICP
Tin	EPA200.8 Rev 5.4-1994	ICP-MS
Tin	SW6010C	ICP
Tin	SW6020A	ICP-MS
Titanium	EPA200.7 Rev 4.4-1994	ICP
Titanium	EPA200.8 Rev 5.4-1994	ICP-MS
Titanium	SW6010C	ICP
Titanium	SW6020A	ICP-MS
Vanadium	EPA200.7 Rev 4.4-1994	ICP
Vanadium	EPA200.8 Rev 5.4-1994	ICP-MS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Vanadium	SW6010C	ICP
Vanadium	SW6020A	ICP-MS
Zinc	EPA200.7 Rev 4.4-1994	ICP
Zinc	EPA200.8 Rev 5.4-1994	ICP-MS
Zinc	SW6010C	ICP
Zinc	SW6020A	ICP-MS

NONPOTABLE WATER VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Closed System Purge & Trap	SW5035	Extraction
Dissolved Gases	RSK175	GC
Purge & Trap For Aqueous Samples	SW5030B	Extraction
Purgeables	EPA624	GC/MS
Total Petroleum Hydrocarbons (GRO)	SW8015C	GC/FID
Total Petroleum Hydrocarbons (ORO)	SW8015C	GC/FID
Volatile Organic Compounds	SW8260B	GC/MS
Volatile Organic Compounds	SW8260C	GC/MS

NONPOTABLE WATER EXTRACTABLE AND SEMI-VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Base/Neutrals & Acids	EPA625	GC/MS
Chlorinated Herbicides	SW8151A	GC
Glycols	SW8015C	GC/FID
Microextraction	SW3511	Extraction
Organochlorine Pesticides	SW8081A	GC
Organochlorine Pesticides & PCBs	EPA608	GC
Organophosphorus Compounds	SW8141A	GC
Polychlorinated Biphenyls	SW8082	GC
Polynuclear Aromatic Hydrocarbons	SW8270C	SIM
Polynuclear Aromatic Hydrocarbons	SW8270D	SIM
Semivolatile Organic Compounds	SW8270C	GC/MS
Semivolatile Organic Compounds	SW8270D	GC/MS
Separatory Funnel Liquid-Liquid	SW3510C	Extraction
Total Petroleum Hydrocarbons (DRO)	SW8015C	GC/FID

HAZARDOUS WASTE CHARACTERISTICS

<u>PROCEDURE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Corrosivity	SW9045D	Electrode
Ignitability	SW1010A	Closed Cup
Paint Filter Test	SW9095B	Gravimetric
SPLP- Metals & Organics	SW1312	Extraction
TCLP- Metals & Organics	SW1311	Extraction

SOLID AND CHEMICAL INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Ammonia	SM4500-NH3 B-97	Distillation
Ammonia	SM4500-NH3 G-97	Spectrophotometric
Bromide	EPA300.0 Rev 2.1-1993	IC
Bromide	SW9056A	IC
Carbon, Total Organic (TOC)	Walkley-Black	
Chloride	EPA300.0 Rev 2.1-1993	IC
Chloride	SW9056A	IC
Chromium, Hexavalent	SW3060A	Digestion
Chromium, Hexavalent	SW7196A	Spectrophotometric
Cyanide, Total	SW9010B	Distillation
Cyanide, Total	SW9012B	Spectrophotometric
Fluoride	EPA300.0 Rev 2.1-1993	IC
Fluoride	SW9056A	IC
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate	SW9056A	IC
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrate-Nitrite	SW9056A	Calculation
Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrite	SW9056A	IC
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 B-97	Distillation
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 G-97	Spectrophotometric
Nitrogen, Total Kjeldahl (TKN)	SM4500-Norg B-97	Digestion
Oxygen Demand, Chemical (COD)	EPA410.4 Rev 2.0-1993	Spectrophotometric
pH (Hydrogen Ion)	SW9045D	Electrode
Phenolics, Total	SW9066	Colorimetric
Phosphorus, Ortho	EPA300.0 Rev 2.1-1993	IC
Phosphorus, Ortho	SW9056A	IC
Phosphorus, Total	EPA365.1 Rev 2.0-1993	Spectrophotometric
Solids, Total, Fixed, & Volatile	SM2540 G-97	Gravimetric
Sulfate	EPA300.0 Rev 2.1-1993	IC
Sulfate	SW9056A	IC
Sulfide	SW9030B	Distillation
Sulfide	SW9034	Titrimetric

SOLID AND CHEMICAL TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	SW6010C	ICP
Aluminum	SW6020A	ICP-MS
Antimony	SW6010C	ICP
Antimony	SW6020A	ICP-MS
Arsenic	SW6010C	ICP
Arsenic	SW6020A	ICP-MS
Barium	SW6010C	ICP
Barium	SW6020A	ICP-MS
Beryllium	SW6010C	ICP
Beryllium	SW6020A	ICP-MS
Boron	SW6010C	ICP

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Boron	SW6020A	ICP-MS
Cadmium	SW6010C	ICP
Cadmium	SW6020A	ICP-MS
Calcium	SW6010C	ICP
Calcium	SW6020A	ICP-MS
Chromium	SW6010C	ICP
Chromium	SW6020A	ICP-MS
Cobalt	SW6010C	ICP
Cobalt	SW6020A	ICP-MS
Copper	SW6010C	ICP
Copper	SW6020A	ICP-MS
Iron	SW6010C	ICP
Iron	SW6020A	ICP-MS
Lead	SW6010C	ICP
Lead	SW6020A	ICP-MS
Lithium	SW6010C	ICP
Magnesium	SW6010C	ICP
Magnesium	SW6020A	ICP-MS
Manganese	SW6010C	ICP
Manganese	SW6020A	ICP-MS
Mercury	SW7471A	CVAA
Metals	SW3050B	Digestion
Metals, Total	SW3050B	Digestion
Molybdenum	SW6010C	ICP
Molybdenum	SW6020A	ICP-MS
Nickel	SW6010C	ICP
Nickel	SW6020A	ICP-MS
Potassium	SW6010C	ICP
Potassium	SW6020A	ICP-MS
Selenium	SW6010C	ICP
Selenium	SW6020A	ICP-MS
Silver	SW6010C	ICP
Silver	SW6020A	ICP-MS
Sodium	SW6010C	ICP
Sodium	SW6020A	ICP-MS
Strontium	SW6010C	ICP
Strontium	SW6020A	ICP-MS
Thallium	SW6010C	ICP
Thallium	SW6020A	ICP-MS
Tin	SW6010C	ICP
Tin	SW6020A	ICP-MS
Titanium	SW6010C	ICP
Titanium	SW6020A	ICP-MS
Vanadium	SW6010C	ICP
Vanadium	SW6020A	ICP-MS
Zinc	SW6010C	ICP
Zinc	SW6020A	ICP-MS

SOLID AND CHEMICAL VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Closed System Purge & Trap	SW5035	Extraction
Total Petroleum Hydrocarbons (GRO)	SW8015D	GC/FID
Volatile Organic Compounds	SW8260B	GC/MS
Volatile Organic Compounds	SW8260C	GC/MS

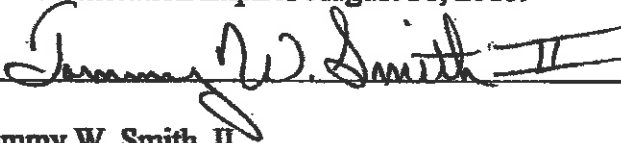
SOLID AND CHEMICAL EXTRACTABLE AND SEMI-VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Organochlorine Pesticides	SW8081A	GC
Polychlorinated Biphenyls	SW8082	GC
Polynuclear Aromatic Hydrocarbons	SW8270C	SIM
Polynuclear Aromatic Hydrocarbons	SW8270D	SIM
Semivolatile Organic Compounds	SW8270C	GC/MS
Semivolatile Organic Compounds	SW8270D	GC/MS
Soxhlet	SW3540C	Extraction
Soxhlet, Automated	SW3541	Extraction
Total Petroleum Hydrocarbons (DRO)	SW8015D	GC/FID
Ultrasonic	SW3550C	Extraction

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, 2016.

Certificate No 355



Issued on August 06, 2015

Tommy W. Smith, II
Quality Assurance Officer

NOTE: This Attachment I supersedes and voids all previous Attachment I documents issued by WV DEP.

Attachment I

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

List of Certified Parameters
for

ALS ENVIRONMENTAL
MIDDLETOWN, PENNSYLVANIA

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Acidity	SM2310 B-11	Titrimetric
Alkalinity	SM2320 B-11	Titrimetric
Ammonia	ASTM D6919-03	IC
Ammonia	ASTM D6919-09	IC
Bromide	EPA300.0 Rev 2.1-1993	IC
Bromide	SW9056A	IC
Carbon, Total Organic (TOC)	SM5310 C-11	Oxidation
Carbon, Total Organic (TOC)	SW9060A	Combustion
Chloride	EPA300.0 Rev 2.1-1993	IC
Chloride	SW9056A	IC
Chlorine, Residual	SM4500-Cl G-11	Spectrophotometric
Chromium, Hexavalent	EPA218.6 Rev 3.3-1994	IC
Chromium, Hexavalent	SM3500-Cr B-11	Spectrophotometric
Chromium, Hexavalent	SW7196A	Spectrophotometric
Color	SM2120 B-11	Spectrophotometric
Conductance, Specific	EPA120.1 Rev 1982	Probe
Conductance, Specific	SM2510 B-11	Probe
Conductance, Specific	SW9050A	Probe
Cyanide, Total	EPA335.4 Rev 1.0-1993	Spectrophotometric
Cyanide, Total	SW9010C	Distillation
Cyanide, Weak Acid Dissociable	SM4500-CN I-11	Distillation
Fluoride	EPA300.0 Rev 2.1-1993	IC
Fluoride	SW9056A	IC
Hardness, Total	SM2340 B-11	Calculation
Hardness, Total	SM2340 C-11	Titrimetric
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate	SW9056A	IC
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	Calculation
Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrite	SW9056A	IC
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 C-11	Titrimetric
Nitrogen, Total Kjeldahl (TKN)	SM4500-Norg B-11	Digestion

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Oil & Grease	EPA1664 B	Gravimetric
Oxygen Demand, Biochemical (BOD)	SM5210 B-11	Probe
Oxygen Demand, Carbonaceous Biochemical (CBOD)	SM5210 B-11	Probe
Oxygen Demand, Chemical (COD)	EPA410.4 Rev 2.0-1993	Spectrophotometric
Oxygen Demand, Chemical (COD)	HACH 8000	Spectrophotometric
pH (Hydrogen Ion)	SM4500-H B-11	Electrode
pH (Hydrogen Ion)	SW9040C	Electrode
Phenolics, Total	EPA420.4 Rev 1.0-1993	Spectrophotometric
Phenolics, Total	SW9066	Spectrophotometric
Phosphorus, Ortho	SM4500-P E-11	Spectrophotometric
Phosphorus, Total	EPA365.1 Rev 2.0-1993	Spectrophotometric
Silica	SM4500-SiO2 C-11	Spectrophotometric
Solids, Dissolved	SM2540 C-11	Gravimetric
Solids, Settleable	SM2540 F-11	Imhoff
Solids, Suspended	SM2540 D-11	Gravimetric
Solids, Total	SM2540 B-11	Gravimetric
Solids, Volatile	SM2540 E-11	Gravimetric
Sulfate	EPA300.0 Rev 2.1-1993	IC
Sulfate	SW9056A	IC
Sulfide	SM4500-S F-11	Titrimetric
Surfactants (MBAS)	SM5540 C-11	Spectrophotometric
Temperature	SM2550 B-11	Thermometric
Turbidity	SM2130 B-11	Turbidimetric

NONPOTABLE WATER TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	EPA200.7 Rev 4.4-1994	ICP
Aluminum	EPA200.8 Rev 5.4-1994	ICP-MS
Aluminum	SW6010C	ICP
Aluminum	SW6020A	ICP-MS
Antimony	EPA200.7 Rev 4.4-1994	ICP
Antimony	EPA200.8 Rev 5.4-1994	ICP-MS
Antimony	SW6010C	ICP
Antimony	SW6020A	ICP-MS
Arsenic	EPA200.7 Rev 4.4-1994	ICP
Arsenic	EPA200.8 Rev 5.4-1994	ICP-MS
Arsenic	SW6010C	ICP
Arsenic	SW6020A	ICP-MS
Barium	EPA200.7 Rev 4.4-1994	ICP
Barium	EPA200.8 Rev 5.4-1994	ICP-MS
Barium	SW6010C	ICP
Barium	SW6020A	ICP-MS
Beryllium	EPA200.7 Rev 4.4-1994	ICP
Beryllium	EPA200.8 Rev 5.4-1994	ICP-MS
Beryllium	SW6010C	ICP
Beryllium	SW6020A	ICP-MS
Boron	EPA200.7 Rev 4.4-1994	ICP
Boron	SW6010C	ICP

METALMETHODTECHNOLOGY

Cadmium	EPA200.7 Rev 4.4-1994	ICP
Cadmium	EPA200.8 Rev 5.4-1994	ICP-MS
Cadmium	SW6010C	ICP
Cadmium	SW6020A	ICP-MS
Calcium	EPA200.7 Rev 4.4-1994	ICP
Calcium	SW6010C	ICP
Calcium	SW6020A	ICP-MS
Chromium	EPA200.7 Rev 4.4-1994	ICP
Chromium	EPA200.8 Rev 5.4-1994	ICP-MS
Chromium	SW6010C	ICP
Chromium	SW6020A	ICP-MS
Cobalt	EPA200.7 Rev 4.4-1994	ICP
Cobalt	EPA200.8 Rev 5.4-1994	ICP-MS
Cobalt	SW6010C	ICP
Cobalt	SW6020A	ICP-MS
Copper	EPA200.7 Rev 4.4-1994	ICP
Copper	EPA200.8 Rev 5.4-1994	ICP-MS
Copper	SW6010C	ICP
Copper	SW6020A	ICP-MS
Iron	EPA200.7 Rev 4.4-1994	ICP
Iron	SW6010C	ICP
Iron	SW6020A	ICP-MS
Lead	EPA200.7 Rev 4.4-1994	ICP
Lead	EPA200.8 Rev 5.4-1994	ICP-MS
Lead	SW6010C	ICP
Lead	SW6020A	ICP-MS
Lithium	EPA200.7 Rev 4.4-1994	ICP
Lithium	SW6010C	ICP
Magnesium	EPA200.7 Rev 4.4-1994	ICP
Magnesium	SW6010C	ICP
Magnesium	SW6020A	ICP-MS
Manganese	EPA200.7 Rev 4.4-1994	ICP
Manganese	EPA200.8 Rev 5.4-1994	ICP-MS
Manganese	SW6010C	ICP
Manganese	SW6020A	ICP-MS
Mercury	EPA1631 E	CVAF
Mercury	EPA245.1 Rev 3.0-1994	CVAA
Mercury	SW6020A	ICP-MS
Mercury	SW7470A	CVAA
Metals	SW3015A	Digestion
Molybdenum	EPA200.7 Rev 4.4-1994	ICP
Molybdenum	EPA200.8 Rev 5.4-1994	ICP-MS
Molybdenum	SW6010C	ICP
Molybdenum	SW6020A	ICP-MS
Nickel	EPA200.7 Rev 4.4-1994	ICP
Nickel	EPA200.8 Rev 5.4-1994	ICP-MS
Nickel	SW6010C	ICP
Nickel	SW6020A	ICP-MS
Potassium	EPA200.7 Rev 4.4-1994	ICP
Potassium	SW6010C	ICP
Potassium	SW6020A	ICP-MS

METALMETHODTECHNOLOGY

Selenium	EPA200.7 Rev 4.4-1994	ICP
Selenium	EPA200.8 Rev 5.4-1994	ICP-MS
Selenium	SW6010C	ICP
Selenium	SW6020A	ICP-MS
Silicon	SW6010C	ICP
Silicon	SW6020A	ICP-MS
Silver	EPA200.7 Rev 4.4-1994	ICP
Silver	EPA200.8 Rev 5.4-1994	ICP-MS
Silver	SW6010C	ICP
Silver	SW6020A	ICP-MS
Sodium	EPA200.7 Rev 4.4-1994	ICP
Sodium	SW6010C	ICP
Sodium	SW6020A	ICP-MS
Strontium	EPA200.7 Rev 4.4-1994	ICP
Strontium	SW6010C	ICP
Strontium	SW6020A	ICP-MS
Thallium	EPA200.7 Rev 4.4-1994	ICP
Thallium	EPA200.8 Rev 5.4-1994	ICP-MS
Thallium	SW6010C	ICP
Thallium	SW6020A	ICP-MS
Tin	EPA200.7 Rev 4.4-1994	ICP
Tin	SW6010C	ICP
Tin	SW6020A	ICP-MS
Titanium	EPA200.7 Rev 4.4-1994	ICP
Titanium	SW6010C	ICP
Titanium	SW6020A	ICP-MS
Uranium	EPA200.8 Rev 5.4-1994	ICP-MS
Uranium	SW6020A	ICP-MS
Vanadium	EPA200.7 Rev 4.4-1994	ICP
Vanadium	EPA200.8 Rev 5.4-1994	ICP-MS
Vanadium	SW6010C	ICP
Vanadium	SW6020A	ICP-MS
Zinc	EPA200.7 Rev 4.4-1994	ICP
Zinc	EPA200.8 Rev 5.4-1994	ICP-MS
Zinc	SW6010C	ICP
Zinc	SW6020A	ICP-MS

NONPOTABLE WATER MICROBIOLOGYGROUPMETHODTECHNOLOGY

Coliform, Fecal (MF)	SM9222 D-97	Membrane Filter
Coliform, Total (MPN)	Colilert 18	Multiple Well
Heterotrophic Plate Count (HPC)	SM9215 B-00	Pour Plate
Streptococci, Fecal (MF)	SM9230 C-07	Membrane Filter

NONPOTABLE WATER VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Dissolved Gases	RSK175	GC
Purgeables	EPA624	GC/MS
Total Petroleum Hydrocarbons (GRO)	SW8015C	GC/FID
Volatile Organic Compounds	SW8260B	GC/MS

NONPOTABLE WATER EXTRACTABLE AND SEMI-VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Base/Neutrals & Acids	EPA625	GC/MS
Chlorinated Herbicides	SW8151A	GC
Florasil Cleanup	SW3620B	Cleanup
Glycols	SW8015C	GC/FID
Nitroaromatics & Nitramines	SW8330	HPLC
Nitroaromatics & Nitramines	SW8330B	HPLC
Organochlorine Pesticides	SW8081B	GC
Organochlorine Pesticides & PCBs	EPA608	GC
Organophosphorus Compounds	SW8141B	GC
Polychlorinated Biphenyls	SW8082A	GC
Semivolatile Organic Compounds	SW8270D	GC/MS
Semivolatile Organic Compounds	SW8270D	SIM
Separatory Funnel Liquid-Liquid	SW3510C	Extraction
Silica Gel Cleanup	SW3630C	Cleanup
Sulfur Cleanup	SW3660B	Cleanup
Sulfuric Acid/Permanganate Cleanup	SW3665A	Cleanup
Total Petroleum Hydrocarbons (DRO)	SW8015C	GC/FID
Total Petroleum Hydrocarbons (ORO)	SW8015D	GC/FID

HAZARDOUS WASTE CHARACTERISTICS

<u>PROCEDURE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Corrosivity	SW9040C	Electrode
Corrosivity	SW9045D	Electrode
Ignitability	SW1010A	Closed Cup
Ignitability (Solids)	SW1030	
Paint Filter Test	SW9095B	Gravimetric
TCLP- Metals	SW1311	Extraction
TCLP- Organics	SW1311	Extraction

SOLID AND CHEMICAL INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Ammonia	SM4500-NH3 D-11	ISE
Ammonia	SM4500-NH3 G-11	Spectrophotometric
Bromide	SW9056A	IC
Carbon, Total Organic (TOC)	SW9060A	Combustion
Chloride	SW9056A	IC

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Chromium, Hexavalent	SW7196A	Spectrophotometric
Cyanide, Total	SW9012B	Spectrophotometric
Fluoride	SW9056A	IC
Nitrate	SW9056A	IC
Nitrate-Nitrite	SW9056A	Calculation
Nitrite	SW9056A	IC
Oil & Grease	SW9071B	Gravimetric
pH (Hydrogen Ion)	SW9040C	Electrode
pH (Hydrogen Ion)	SW9045D	Electrode
Phenolics, Total	SW9066	Colorimetric
Phosphorus, Total	EPA365.1 Rev 2.0-1993	Spectrophotometric
Solids, Total, Fixed, & Volatile	SM2540 G-11	Gravimetric
Sulfate	SW9056A	IC

SOLID AND CHEMICAL TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	SW6010C	ICP
Aluminum	SW6020A	ICP-MS
Antimony	SW6010C	ICP
Antimony	SW6020A	ICP-MS
Arsenic	SW6010C	ICP
Arsenic	SW6020A	ICP-MS
Barium	SW6010C	ICP
Barium	SW6020A	ICP-MS
Beryllium	SW6010C	ICP
Beryllium	SW6020A	ICP-MS
Boron	SW6010C	ICP
Cadmium	SW6010C	ICP
Cadmium	SW6020A	ICP-MS
Calcium	SW6010C	ICP
Calcium	SW6020A	ICP-MS
Chromium	SW6010C	ICP
Chromium	SW6020A	ICP-MS
Cobalt	SW6010C	ICP
Cobalt	SW6020A	ICP-MS
Copper	SW6010C	ICP
Copper	SW6020A	ICP-MS
Iron	SW6010C	ICP
Iron	SW6020A	ICP-MS
Lead	SW6010C	ICP
Lead	SW6020A	ICP-MS
Magnesium	SW6010C	ICP
Magnesium	SW6020A	ICP-MS
Manganese	SW6010C	ICP
Manganese	SW6020A	ICP-MS
Mercury	SW6020A	ICP-MS
Mercury	SW7471B	CVAA
Metals, Total	SW3050B	Digestion
Metals, Total	SW3051A	Digestion

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Molybdenum	SW6010C	ICP
Molybdenum	SW6020A	ICP-MS
Nickel	SW6010C	ICP
Nickel	SW6020A	ICP-MS
Potassium	SW6010C	ICP
Potassium	SW6020A	ICP-MS
Selenium	SW6010C	ICP
Selenium	SW6020A	ICP-MS
Silver	SW6010C	ICP
Silver	SW6020A	ICP-MS
Sodium	SW6010C	ICP
Sodium	SW6020A	ICP-MS
Strontium	SW6010C	ICP
Strontium	SW6020A	ICP-MS
Sulfate	SW6010C	Calculation
Thallium	SW6010C	ICP
Thallium	SW6020A	ICP-MS
Tin	SW6010C	ICP
Tin	SW6020A	ICP-MS
Titanium	SW6010C	ICP
Titanium	SW6020A	ICP-MS
Uranium	SW6020A	ICP-MS
Vanadium	SW6010C	ICP
Vanadium	SW6020A	ICP-MS
Zinc	SW6010C	ICP
Zinc	SW6020A	ICP-MS

SOLID AND CHEMICAL MICROBIOLOGY

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

SOLID AND CHEMICAL VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Total Petroleum Hydrocarbons (GRO)	SW8015C	GC/FID
Volatile Organic Compounds	SW8260B	GC/MS

SOLID AND CHEMICAL EXTRACTABLE AND SEMI-VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Chlorinated Herbicides	SW8151A	GC/ECD
Florisil Cleanup	SW3620B	Cleanup
Microwave Extraction	SW3546	Extraction
Nitroaromatics & Nitramines	SW8330	HPLC
Nitroaromatics & Nitramines	SW8330B	HPLC
Organochlorine Pesticides	SW8081B	GC
Organophosphorus Compounds	SW8141B	GC

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

MANDATE: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

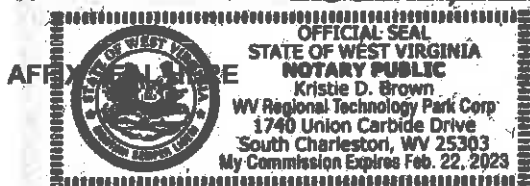
DEFINITIONS:

"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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"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 exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:Vendor's Name: ALS ENVIRONMENTALAuthorized Signature: Paul Rauter Date: 9-30-2015State of West VirginiaCounty of Kanawha, to-wit:Taken, subscribed, and sworn to before me this 30 day of September, 2015My Commission expires Feb 22, 2023, 2015.NOTARY PUBLIC [Signature]