



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

Request for Quotation

RFQ NUMBER
DEP14731

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
CHUCK BOWMAN 304-558-2157

VENDOR

*626144827 304-757-8954
 BIO CHEM TESTING INC
 PO BOX 634
 PUTNAM VILLAGE SHOPPING CTR
 TEAYS WV 25569-0634

SHIP TO

ENVIRONMENTAL PROTECTION
 DEPARTMENT OF
 ENVIRONMENTAL ENFORCEMENT
 601 57TH STREET
 CHARLESTON, WV
 25304 304-926-0499

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/13/2010	Net 30	Best Way		

BID OPENING DATE: 02/04/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001		EA		961-48		
FIELD TESTING SERVICES THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, IS SOLICITING QUOTATIONS FROM QUALIFIED VENDORS TO PROVIDE THE AGENCY WITH ORGANIC ANALYSIS OF WATER AND SOIL PER THE FOLLOWING SPECIFICATIONS, SCOPE OF WORK, TERMS & CONDITIONS, BID REQUIREMENTS, AND THE ATTACHED BID SCHEDULE. EXHIBIT 3 LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE UPON AWARD AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE. UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT. RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30)						

RECEIVED
 2010 FEB -4 PM 1:02
 WV PURCHASING DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
<i>[Signature]</i>	304 757 8954	02-04-2010	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
President	55-0732395		

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



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<p>DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK.)</p> <p>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIED BY THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF THE CONTRACT, WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.</p> <p>ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN STATE CONTRACT ORDER (FORM NUMBER WV-39) TO THE VENDOR FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL COPY OF THE WV-39 SHALL BE MAILED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT, A SECOND COPY MAILED TO THE PURCHASING DIVISION, AND A THIRD COPY RETAINED BY THE SPENDING UNIT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
	304 757 8954	02-04-2010	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
President	55-073		

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LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				BID OPENING DATE:		02/04/2010
				BID OPENING TIME:		1:30 PM
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						

CONTACT PERSON (PLEASE PRINT CLEARLY):						

***** THIS IS THE END OF RFQ DEP14731 ***** TOTAL:						<i>Please see detail inside!</i>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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AREA OF WORK

Bids should be submitted by vendors in connection with the costs associated with collection from all Department of Environmental Protection (DEP) offices as listed herein. **DEP reserves the right to make multiple awards based on the need to have vendors located throughout the state in close proximity to the various DEP offices.** Up to five (5) vendors will be selected.

Bidding should be done for every method as a whole and for each analyte within a specific method. Prices should also be given for liquid samples and solid /tissue samples.

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

SCOPE

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

STEP 1 - Collection of sample from specified office.

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

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

STEP 4 - Legal Testimony

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Step 1 - Collection of Samples from Specified Office

The sampling for the DEP shall be conducted by Department personnel. The vendor shall be notified of the date sampling occurs /is to occur and from which DEP office the sample can be obtained. The vendor shall be notified when the sample was taken (time/date) and the person who collected the sample. The vendor shall be responsible for obtaining the sample from the specified office and delivery of sample to the laboratory within 24 hours from the time of sampling. The vendor shall indicate the time the sample was obtained from the specified office 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. If samples are to be shipped to the vendor by mail courier, then the vendor shall supply all shipping containers, labels and shall cover all costs of shipping from the sample location or from any WV/DEP office.

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 for organic analysis and Standard Methods for the Examination of Water and Waste Water, current edition, but must be an approved method per 40 CFR Part 36 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, and in the event the method is not specified, Method 1 shall be used.

In the event a compound is requested by a method which has greater than ten compounds in the compound list, any compounds detected at or above three times the PQL, in addition to the requested compound, shall be reported and invoiced as individual compounds up to a maximum of ten compounds total. If ten or more compounds are detected and reported, the total list cost will be in effect.

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 Department. 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 by the vendor until DEP's notification that the sample can be properly disposed of. DEP will advise the vendor which samples fall into this category. The vendor shall be responsible for the proper disposal of all samples submitted to them by the DEP unless otherwise notified. The vendor shall dispose of the sample no earlier than four weeks after DEP accepts the results. The results of the analysis shall be submitted to the DEP no more than two (2) weeks after receipt of samples.

Step 3 - Quality Control

Three programs are to be utilized to assure reliable laboratory data: (1) the use and documentation of standard analytical methods, (2) analysis of duplicate and spiked (where the concept applies) samples at regular intervals each day to check analytical precision and accuracy, and (3) analysis of reference samples at 6 (six) month intervals*. Regardless of which analytical methods are used in a laboratory, the methodology must be carefully documented. Standard

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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.

All testing must be conducted using approved methods: (1) 40-CFR-136, Organic test Methods for NPDES samples or 2) SW-846 Methods for all other samples. Where an NPDES method is not available, the laboratory may substitute an SW-846 method. The laboratory will be advised as to the type of sample being tested so that the proper test methods may be applied.

Further, the laboratory may substitute capillary column technology for packed column technology for NPDES test methods.

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.

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.

Practical Quantitation Limits

PQLs have been listed where possible and is defined as the lowest concentration of analytes that can be reliably determined within specified limits of precision and accuracy by a particular method under routine laboratory conditions. If the PQL for a particular method is a higher value than the regulatory limit for that parameter, then an alternate method with a PQL lower than the regulatory limit shall be used. The laboratory shall provide DEP with one complete set of PQLs and Method Detection Limits upon being awarded the contract. If a certain PQL is desired by the sampler, the laboratory may substitute the requested method with another method that meets the necessary PQL upon approval of the sampler.

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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 subcontractor 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.

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.

MISCELLANEOUS PROVISIONS

1. All analytical data submitted to DEP must be reported in MDLs, not PQLs.
2. The vendor shall provide necessary sample containers and field preservatives to the WV/DEP if requested by the Department.

3. 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.
4. If samples are to be shipped to the vendor by mail courier, then the vendor shall supply all shipping containers, labels and shall cover all costs of shipping from the sample location or from any WV/DEP office.
5. Upon awarding the contract, the vendor shall provide one copy of the method detection limits (MDLs) for all analytes for which the contract is awarded. Any updates to the MDLs during the life of this contract shall be provided to the DEP, in writing, within one week of the update(s) completion.
6. 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.
7. 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.
8. The laboratory will provide blank water to the DEP, at no charge, upon request.
9. Should MDLs lower than those listed on the contract be available, the Vendor shall provide these lower detection levels when conducting analyses.

Quality Control Deliverables

Level I Contents

Laboratory Analysis Reports
Chain of Custody Form

Level II Contents

Laboratory Analysis reports
Case Narrative
Chain of Custody Form
Initial Calibration summaries, CLP Form 6
Continuing Calibration Verification summaries, CLP Form 7
Raw method blank data
Matrix Spike/Matrix Spike Duplicate Summary (MS/MSD), CLP form 3
Surrogate Summary, CLP Form 2
Raw Sample data

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Level III Contents, Organic

- Laboratory Analysis reports
- Chain of Custody Form
- Case Narrative
- Retention Time Summary (if applicable)
- Extraction Logs (if applicable)
- Analytical Run Logs
- MS Tuning Summary, CLP form 5 (if applicable)
- Initial Calibration Summaries, CLP Form 6
- Continuing Calibration Verification Summaries, CLP Form 7
- Method Blank Summary, CLP Form 4
- Raw method blank data
- Matrix Spike/Matrix Spike Duplicate Summary (MS/MSD), CLP form 3
- Surrogate Summary, CLP Form 2 (if applicable)
- Internal Standard Summary, CLP form 8 (if applicable)
- All associated Raw QC data, including calibrations
- Form 1 results Summaries for samples and blanks
- Raw Sample data
- MDL Statements
- Electronic Data Deliverable

Level IV (Inorganic/Metals)

- Laboratory Analysis reports
- Chain of Custody Form
- Case Narrative
- Analysis Data Sheet, CLP form 1
- Initial and continuing Calibration Verification, CLP Form II, Part 1
- CRDL Standard for AA and ICP, CLP Form II , Part 2
- Blanks, CLP Form III
- ICP Interference Check Sample, CLP Form IV
- Spike Sample Recovery, CLP Form V, Part 1
- Post Digest Spike Sample Recovery, CLP Form V, Part 2
- Duplicates, CLP Form VI
- Laboratory Control Sample, CLP Form VII
- Standard Addition Results, CLP Form VIII
- ICP Serial Dilutions, CLP Form IX
- Preparation Logs, CLP Form XIII
- Analysis Run Logs, CLP Form XIV
- All associated raw data
- MDL statements
- Electronic Data Deliverable

Parameters detected with EPA 600 Series Organic Analyses**Method 601, Purgeable Halocarbons**

	MDLs	SOLID
Bromodichloroethane	1.0 ug/l	
Bromoform	1.0 ug/l	
Bromomethane	1.0 ug/l	
Carbon Tetrachloride	1.0 ug/l	
Chlorobenzene	1.0 ug/l	
Chloroethane	1.0 ug/l	
2-Chloroethylvinyl ether	1.0 ug/l	
Chloroform	1.0 ug/l	
Chloromethane	1.0 ug/l	
Dibromochloromethane	1.0 ug/l	
1,2-Dichlorobenzene	1.0 ug/l	
1,3-Dichlorobenzene	1.0 ug/l	
1,4-Dichlorobenzene	1.0 ug/l	
Dichlorodifluoromethane		
1,1-Dichloroethane	1.0 ug/l	
1,2-Dichloroethane	1.0 ug/l	
trans-1,2-Dichloroethene	1.0 ug/l	
1,2-Dichloropropane	1.0 ug/l	
cis-1,3-Dichloropropene	1.0 ug/l	
trans-1,3-Dichloropropene	1.0 ug/l	
Methylene chloride	1.0 ug/l	
1,1,2,2-Tetrachloroethane	1.0 ug/l	
Tetrachloroethene	1.0 ug/l	
1,1,1-Trichloroethane	1.0 ug/l	
1,1,2-Trichloroethane	1.0 ug/l	
Tetrachloroethylene	1.0 ug/l	
Trichlorofluoromethane	1.0 ug/l	
Vinyl Chloride	1.0 ug/l	
1,1-Dichloroethene	1.0 ug/l	
Full Suite		

Method 602, Purgeable Aromatics

	MDLs	SOLID
Benzene	1.0 ug/l	
Chlorobenzene	1.0 ug/l	
1,2-Dichlorobenzene	1.0 ug/l	
1,3-Dichlorobenzene	1.0 ug/l	
1,4-Dichlorobenzene	1.0 ug/l	
Ethylbenzene	1.0 ug/l	
Toluene	1.0 ug/l	

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Method 603, Acrolein and Acrylonitrile	MDLs	SOLID
Acrylonitrile		
Acrolein		
Method 604, Phenols	MDLs	SOLID
4-Chloro-3-methylphenol		
2-Chlorophenol		
2,4-Dichlorophenol		
2,4-Dimethylphenol		
2,4-Dinitrophenol		
2-Methyl-4,6-dinitrophenol		
2-Nitrophenol		
4-Nitrophenol		
Pentachlorophenol		
Phenol		
2,4,6-Trichlorophenol		
Method 605, Benzidines	MDLs	SOLID
Benzidines		
3,3'-Dichlorobenzidine		
Method 606 Phthalate Esters	MDLs	SOLID
Bis(2-ethylhexyl) phthalate		
Butyl benzyl phthalate		
Di-n-butyl phthalate		
Diethyl phthalate		
Dimethyl phthalate		
Di-n-octyl phthalate		
Method 607, Nitrosamines	MDLs	SOLID
N-Nitrosodimethylamine		
N-Nitrosodiphenylamine		
N-Nitrosodi-n-propylamine		
Method 608, Organochlorine Pesticides and PCBs	MDLs	SOLID
Aldrin	0.3 ug/l	
α -BHC	0.3 ug/l	
β -BHC	0.3 ug/l	
δ -BHC	0.3 ug/l	
γ -BHC	0.3 ug/l	
Chlorodane	0.5 ug/l	

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Method 608, Organochlorine Pesticides and PCBs continued

	MDLs	SOLID
4,4'-DDD	0.3 ug/l	
4,4'-DDE	0.3 ug/l	
4,4'-DDT	0.3 ug/l	
Dieldrin	0.3 ug/l	
Endosulfan I	0.3 ug/l	
Endosulfan II	0.3 ug/l	
Endosulfan sulfate	0.5 ug/l	
Eldrin	0.5 ug/l	
Endrin aldehyde	0.5 ug/l	
Heptachlor	0.5 ug/l	
Heptachlor epoxide	0.3 ug/l	
Toxaphene	1.5 ug/l	
PCB-1016	0.5 ug/l	
PCB-1221	0.5 ug/l	
PCB-1232	0.5 ug/l	
PCB-1242	0.5 ug/l	
PCB-1248	0.5 ug/l	
PCB-1254	0.5 ug/l	
PCB-I260	0.5 ug/l	

Method 609, Nitroaromatics and Isophorone

	MDLs	SOLID
2,4-Dinitrotoluene		
2,6-Dinitrotoluene		
Isophorone		
Nitrobenzene		

Method 610, Polynuclear Aromatic Hydrocarbons

	MDLs	SOLID
Acenaphthene	10 ug/l	
Acenaphthylene	10 ug/l	
Anthracene	10 ug/l	
Benzo(a)anthracene	10 ug/l	
Benzo(a)pyrene	10 ug/l	
Benzo(b)fluoranthene	10 ug/l	
Benzo(ghi)perylene	10 ug/l	
Benzo(k)fluoranthene	10 ug/l	
Chrysene	10 ug/l	
Dibenzo(a,h)anthracene	10 ug/l	
Fluoranthene	10 ug/l	
Fluorene	10 ug/l	
Indeno(1,2,3-cd)pyrene	10 ug/l	
Naphthalene	10 ug/l	
Phenanthrene	10 ug/l	
Pyrene	10 ug/l	

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Method 611, Haloethers	MDLs	SOLID
Bis(2-chloroethyl) ether		
Bis(2-chloroethoxy) methane		
Bis(2-chloroisopropyl) ether		
4-Bromophenyl phenyl ether		
4-Chlorophenyl phenyl ether		

Method 612, Chlorinated Hydrocarbons	MDLs	SOLID
2-Chloronaphthalene		
1,2-Dichlorobenzene		
1,3-Dichlorobenzene		
1,4-Dichlorobenzene		
Hexachlorobenzene		
Hexachlorobutadiene		
Hexachlorocyclopentadiene		
Hexachloroethane		
1,2,4-Trichlorobenzene		

Method 613 2,3,7,8-Tetrachlorodibenzo-P-dioxin	MDLs	SOLID
2,3,7,8-Tetrachlorodibenzo-P-dioxin		

Method 1613 Tetra-through Octa-Chlorinated Dibenzo-P-dioxins (CDDs) and Dibenzofurans (CDFs)

Method 624, Purgeables	MDLs	SOLID
Benzene	10 ug/l	
Bromodichloromethane	10 ug/l	
Bromoform	10 ug/l	
Bromomethane	10 ug/l	
Carbon Tetrachloride	10 ug/l	
Chlorobenzene	10 ug/l	
Chloroethane	10 ug/l	
2-Chloroethylvinyl ether	20 ug/l	
Chloroform	10 ug/l	
Chloromethane	10 ug/l	
Dibromochloromethane	10 ug/l	
1,2-Dichlorobenzene	10 ug/l	
1,3-Dichlorobenzene	10 ug/l	

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Method 624, Purgeables continued

	MDLs	SOLID
1,4-Dichlorobenzene	10 ug/l	
1,1-Dichloroethane	10 ug/l	
1,2-Dichloroethane	10 ug/l	
trans-1,2-Dichloroethene	10 ug/l	
1,2-Dichloropropane	10 ug/l	
cis-1,3-Dichloropropene	10 ug/l	
trans-1,3-Dichloropropene	10 ug/l	
Ethyl benzene	10 ug/l	
Methylene chloride	10 ug/l	
1,1,2,2-Tetrachloroethane	10 ug/l	
Tetrachloroethene	10 ug/l	
Toluene	10 ug/l	
1,1,1-Trichloroethene	10 ug/l	
1,1,2-Trichloroethene	10 ug/l	
Trichlorethane	10 ug/l	
Trichlorofluoromethane	10 ug/l	
Vinyl chloride	10 ug/l	
1,1-Dichloroethene	10 ug/l	

Method 625, Base/Neutrals Extractables

	MDLs	SOLID
Acenaphthene	10 ug/l	
Acenaphthylene	10 ug/l	
Anthracene	10 ug/l	
Aldrin	10 ug/l	
Benzo(a)anthracene		
Benzo(b)fluoranthene	10 ug/l	
Benzo(k)fluoranthene	10 ug/l	
Benzo(a)pyrene	10 ug/l	
Benzo(ghi)perylene	20 ug/l	
Benzyl butyl phthalate	10 ug/l	
3 -BHC		
δ -BHC		
Bis(2-chloroethyl) ether	10 ug/l	
Bis(2-chloroethoxy) methane	10 ug/l	
Bis(2-ethylhexyl) phthalate		
Bis(2-chloroisopropyl) ether	10 ug/l	
4-Bromophenyl phenyl ether	10 ug/l	
Chlordane		
2-chloronaphthalene	10 ug/l	
4-chlorophenyl phenyl ether		
Chrysene	10 ug/l	
4,4'-DDD		
4,4'-DDE		

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Method 625, Base/Neutrals Extractables continued

	MDLs	SOLID
4,4'-DDT		
Dibenzo(a,h) anthracene	20 ug/l	
Di-n-butylphthalate	10 ug/l	
1,2-Dichlorobenzene	10 ug/l	
1,3-Dichlorobenzene	10 ug/l	
1,4-Dichlorobenzene	10 ug/l	
3,3'-dichlorobenzidine	50 ug/l	
Dieldrin		
Diethyl phthalate	10 ug/l	
Dimethyl phthalate	10 ug/l	
2,4-dinitrotoluene	10 ug/l	
2,6-dinitrotoluene	10 ug/l	
Di-n-octylphthalate	10 ug/l	
Endosulfan sulfate		
Endrin aldehyde		
Fluoranthene	10 ug/l	
Fluorene	10 ug/l	
Heptachlor		
Heptachlor epoxide		
Hexachlorobenzene		
Hexachlorobutadiene	10 ug/l	
Hexachloroethane	10 ug/l	
Indeno(1,2,3-cd) pyrene	10 ug/l	
Isophorone		
Naphthalene	10 ug/l	
Nitrobenzene	10 ug/l	
N-nitrosodi-n-propylamine	10 ug/l	
PCB-1016		
PCB-1221		
PCB-1232		
PCB-1242		
PCB-1248		
PCB-1254		
PCB-1260		
Phenanthrene	10 ug/l	
Pyrene	10 ug/l	
Toxaphene		
1,2,4-trichlorobenzene	10 ug/l	

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625 Acid Extractables

	MDLs	SOLID
4-chloro-3-methylphenol		
2-chlorophenol		
2,4-Dichlorophenol		
2,4-Dimethylphenol		
2,4-dinitrophenol		
2-methyl-4,6-dinitrophenol		
2-nitrophenol		
4-nitrophenol		
Pentachlorophenol		
Phenol		
2,4,6-trichlorophenol		

METHOD 8015B

	MDLs	SOLID
Acetone	10 ug/l	
Acetonitrile	10 ug/l	
Acrolein	10 ug/l	
Acrylonitrile	10 ug/l	
Allyl alcohol	10 ug/l	
1-Butanol (n-Butyl alcohol)	10 ug/l	
t-Butyl alcohol	10 ug/l	
2-Chloroacrylonitrile	10 ug/l	
2-Chloroethyl vinyl ether	10 ug/l	
Crotonaldehyde	10 ug/l	
Diethyl ether	10 ug/l	
1,4-Dioxane	10 ug/l	
Epichlorohydrin	10 ug/l	
Ethanol	10 ug/l	
Ethyl acetate	10 ug/l	
Ethyl glycol	10 ug/l	
Ethylene oxide	10 ug/l	
Hexafluoro-2-propanol (I.S.)	10 ug/l	
Hexafluoro-2-methyl		
2-propanol (I.S.)	10 ug/l	
Isobutyl alcohol	10 ug/l	
Isopropyl alcohol	10 ug/l	
Methanol	10 ug/l	
Methyl ethyl ketone (MEK)	10 ug/l	
Methyl isobutyl ketone (MIBK)	10 ug/l	
N-Nitroso-di-n-butylamine	10 ug/l	
Paraldehyde	10 ug/l	

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METHOD 8015B continued

	MDLs	SOLID
2-Pentanone	10 ug/l	
2-Picoline	10 ug/l	
1-Propanol	10 ug/l	
Propionitrile	10/ug/l	
DRO	10/ug/l	
GRO	10/ug/l	
ORO	10/ug/l	

METHOD 8041 Phenols by GC

	MDLs	SOLID
4-Chloro-3-methylphenol		
2-Chlorophenol		
2-Cyclohexyl-4,6-dinitrophenol		
2,4-Dichlorophenol		
2,6-Dichlorophenol		
2,4-Dimethylphenol		
Dinoseb (DNBP)		
2,4-Dinitrophenol		
2-Methyl-4,6-dinitrophenol		
2-Methylphenol (o-Cresol)		
3-Methylphenol (m-Cresol)		
4-Methylphenol (p-Cresol)		
2-Nitrophenol		
4-Nitrophenol		
Pentachlorophenol		
Phenol		
2,3,4,5-Tetrachlorophenol		
2,3,4,6-Tetrachlorophenol		
2,3,5,6-Tetrachlorophenol		
2,4,5-Trichlorophenol		
2,4,6-Trichlorophenol		
2-Chloro-5-methylphenol		
4-chloro-2-methylphenol		
3-Chlorophenol		
4-Chlorophenol		
2,3-Dichlorophenol		
2,5-Dichlorophenol		
3,4-Dichlorophenol		
3,5-dichlorophenol		
2,3-Dimethylphenol		
2,5-Dimethylphenol		

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METHOD 8041 Phenols by GC continued

MDLs

SOLID

2,6-Dimethylphenol
3,4-Dimethylphenol
2,5-Dinitrophenol
3-Nitrophenol
2,3,4-Trichlorophenol
2,3,5-Trichlorophenol
2,3,6-Trichlorophenol

METHOD 8100 Polynuclear Aromatic Hydrocarbons

MDLs

SOLID

Acenaphthene
Acenaphthylene
Anthracene
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(j)fluoranthene
Benzo(k)fluoranthene
Benzo(ghi)perylene
Chrysene
Dibenz(a,h)acridine
Dibenz(a,j)acrodome
Dibenzo(a,h)anthracene
7H-Dibenzo(c,g)carbazole
Dibenzo(a,e)pyrene
Dibenzo(a,h)pyrene
Dibenzo(a,1)pyrene
Fluoranthene
Fluorene
Indo(1,2,3-cd)pyrene
3-Methhylcholanthrene
Naphthalene
Phenanthrene
Pyrene

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METHOD 8121, Chlorinated Hydrocarbons

	MDLs	SOLID
Benzal chloride	10ug/l	
Benzotrichloride	10ug/l	
Benzyl chloride	10ug/l	
2-Chloronaphthalene	10ug/l	
1,2-Dichlorobenzene	10ug/l	
1,3-Dichlorobenzene	10ug/l	
1,4-Dichlorobenzene	10ug/l	
Hexachlorobenzene	10ug/l	
Hexachlorobutadiene	10ug/l	
α -Hexachlorocyclohexane (α -BHC)	10ug/l	
β -Hexachlorocyclohexane (β -BHC)	10ug/l	
γ -Hexachlorocyclohexane (γ -BHC)	10ug/l	
δ -Hexachlorocyclohexane (δ -BHC)	10ug/l	
Hexachlorocyclopentadiene	10ug/l	
Hexachloroethane	10ug/l	
Pentachlorobenzene	10ug/l	
1,2,3,4-Tetrachlorobenzene	10ug/l	
1,2,3,5-Tetrachlorobenzene	10ug/l	
1,2,4,5-Tetrachlorobenzene	10ug/l	
1,2,4-Trichlorobenzene	10ug/l	
1,2,3,-Trichlorobenzene	10ug/l	
1,3,5-Trichlorobenzene	10ug/l	

METHOD 8151A, Chlorinated Herbicides

	MDLs	SOLID
2,4-D		
2,4-DB		
2,4,5-TP(Silvex)		
2,4,5-T		
Dalapon		
Dicamba		
Dichloroprop		
Dinoseb		
MCPA		
MCPP		
4-Nitrophenol		
Pentachlorophenol		
Aciflouorfen		
Bentazon		
Chloramben		
DCPA diacid		
3,5-Dichlorobenzoic Acid		
5-Hydroxydicamba		
Picloram		

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METHOD 8260

	MDLs	SOLID
Acetone	10 ug/l	
Acetonitrile	10 ug/l	
Acrolein (Propenal)	10 ug/l	
Acrylonitrile	10 ug/l	
Allyl alcohol	10 ug/l	
Allyl chloride	10 ug/l	
Benzene	10 ug/l	
Benzyl chloride	10 ug/l	
Bis(2-chloroethyl)sulfide	10 ug/l	
Bromoacetone	10 ug/l	
Bromochloromethane	10 ug/l	
Bromodichloromethane	10 ug/l	
4-Bromofluorobenzene	10 ug/l	
Bromoform	10 ug/l	
Bromomethane	10 ug/l	
n-Butanol	10 ug/l	
2-Butanone (MEK)	10 ug/l	
t-Butylalcohol	10 ug/l	
Carbon disulfide	10 ug/l	
Carbon tetrachloride	10 ug/l	
Chloral hydrate	10 ug/l	
Chlorobenzene	10 ug/l	
Chlorodibromomethane	10 ug/l	
Chloroethane	10 ug/l	
2-Chloroethanol	10 ug/l	
2-Chloroethyl vinyl ether	10 ug/l	
Chloroform	10 ug/l	
Chloromethane	10 ug/l	
Chloroprene	10 ug/l	
3-Chloropropionitrile	10 ug/l	
Crotonaldehyde	10 ug/l	
1,2-Dibromo-3-chloropropane	10 ug/l	
1,2-Dibromoethane	10 ug/l	
Dibromomethane	10 ug/l	
1,2-Dichlorobenzene	10 ug/l	
1,3-Dichlorobenzene	10 ug/l	
1,4-Dichlorobenzene	10 ug/l	
cis-1,4-Dichloro-2-butene	10 ug/l	
trans-1,4-Dichloro-2-butene	10 ug/l	
Dichlorodifluoromethane	10 ug/l	
1,1-Dichloroethane	10 ug/l	
1,2-Dichloroethane	10 ug/l	
1,1-Dichloroethene	10 ug/l	
trans-1,2-Dichloroethene	10 ug/l	
1,2-Dichloropropane	10 ug/l	
1,3-Dichloro-2-propanol	10 ug/l	
cis-1,3-Dichloropropene	10 ug/l	

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METHOD 8260 continued

	MDLs	SOLID
trans-1,3-Dichloropropene	10 ug/l	
1,2,3,4-Dipoxybutane	10 ug/l	
Diethyl ether	10 ug/l	
1,4-Difluorobenzene	10 ug/l	
1,4-Dioxane	10 ug/l	
Epichlorohydrin	10 ug/l	
Ethanol	10 ug/l	
Ethyl acetate	10 ug/l	
Ethylbenzene	10 ug/l	
Ethylene oxide	10 ug/l	
Ethyl methacrylate	10 ug/l	
Fluorobenzene	10 ug/l	
Hexachlorobutadiene	10 ug/l	
Hexachloroethane	10 ug/l	
2-Hexanone	10 ug/l	
2-Hydroxypropionitrile	10 ug/l	
Iodomethane	10 ug/l	
Isobutyl alcohol	10 ug/l	
Isopropylbenzene	10 ug/l	
Malononitrile	10 ug/l	
Methacrylonitrile	10 ug/l	
Methanol	10 ug/l	
Methylene chloride	10 ug/l	
Methyl methacrylate	10 ug/l	
4-Methyl-2-pentanone (MIBK)	10 ug/l	
Naphthalene	10 ug/l	
Nitrobenzene	10 ug/l	
2-Nitropropane	10 ug/l	
N-Nitroso-di-n-butylamine	10 ug/l	
Paraldehyde	10 ug/l	
Pentachloroethane	10 ug/l	
2-Pentanone	10 ug/l	
2-Picoline	10 ug/l	
1-Propanol	10 ug/l	
2-Propanol	10 ug/l	
Propargyl alcohol	10 ug/l	
β -Propiolactone	10 ug/l	
Propionitrile (ethyl cyanide)	10 ug/l	
n-Propylamine	10 ug/l	
Pyridine	10 ug/l	
Styrene	10 ug/l	
1,1,1,2-Tetrachloroethane	10 ug/l	
1,1,2,2-Tetrachloroethane	10 ug/l	
Tetrachloroethene	10 ug/l	
Toluene	10 ug/l	

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METHOD 8260 continued

	MDLs	SOLID
o-Touidine	10 ug/l	
1,2,4-Trichlorobenzene	10 ug/l	
1,1,1-Trichloroethane	10 ug/l	
1,1,2-Trichloroethane	10 ug/l	
Trichloroethene	10 ug/l	
Trichlorofluoromethane	10 ug/l	
1,2,3-Trichloropropane	10 ug/l	
Vinyl acetate	10 ug/l	
Vinyl Chloride	10 ug/l	
o-Xylene	10 ug/l	
m-Xylene	10 ug/l	
p-Xylene	10 ug/l	

Method 8270

	MDLs	SOLID
Acenaphthene	10	
Acenaphthylene	10	
Acetophenone	10	
2-Acetylaminofluorene	20	
1-Acetyl-2-thiourea	1000	
2-Aminoanthraquinone	20	
Aminoazobenzene	10	
4-Aminobiphenyl	20	
Anilazine	100	
Aniline		
o-Anisidine	10	
Anthracene	10	
Aramite	20	
Azinphos-methyl	100	
Benzidine		
Benzoic acid	50	
Benz(a)anthracene	10	
Benzo(b)fluoranthene	10	
Benzo(k)fluoranthene	10	
Benzo(g,h,i,)perylene	10	
Benzo(a)pyrene	10	
p-Benzoquinone	10	
Benzyl alcohol	20	
Bis(2-chloroethoxy)methane	10	
Bis(2-chloroethyl)ether	10	
Bis(2-chloroisopropyl) ether	10	
Bis(2-ethylhexyl)phthalate		
4-Bromophenyl phenyl ether	10	
Bromoxynil	10	
Butyl Benzyl phthalate	10	
Captafol	20	

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Method 8270 continued

	MDLs	SOLID
Captan	50	
Carbaryl	10	
Carbofuran	10	
Carbophenothion	10	
Chlordane		
Cholrfenvinphos	20	
4-Choloraniline	20	
Chlorobenzilate	10	
5-Chloro-2-methylaniline	20	
4-Chloro-3-methylphenol	20	
3-(Chloromethyl)pyridine hydrochloride	100	
1-Chloronaphthalene		
2-Chloronaphthalene	10	
2-Chlorophenol	10	
4-Chloro-1,2-phenylenediamine		
4-Chloro-1,3-phenylenediamine		
4-Chlorophenyl phenyl ether	10	
Chrysene	10	
Coumaphos	40	
p-Cresidine	10	
Crotoxyphos	20	
2-Cyclohexyl-4,6-dinitro-phenol	100	
Demeton-O	10	
Demeton-S	10	
Diallate (cis or trans)	10	
2,4-Diaminotoluene	20	
Dibenz(a,j)acridine	10	
Dibenz(a,h)anthracene	10	
Dibenzofuran	10	
Dibenzo(a,e)pyrene	10	
1,2-Dibromo-3-chloropropane		
Di-n-butyl phthalate	10	
Diclonc		
1,2-Dichlorobenzene	10	
1,3-Dichlorobenzene	10	
1,4-Dichlorobenzene	10	
3,3'-Dichlorobenzidine	20	
2,4-Dichlorophenol	10	
2,6-Dichlorophenol	10	
Dichlorovos	10	
Dicrotophos	10	
Diethyl phthalate	10	
Diethylstilbestrol	20	
Dimethoate	20	
3,3'-Dimethoxybenzidine	100	
Dimethylaminoazobenzene	10	
7,12-Dimethylbenz(a)anthracene	10	

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Method 8270 continued

	MDLs	SOLID
3,3'-Dimethylbenzidiene	10	
2,4-Dimethylphenol	10	
Dimethyl phthalate	10	
1,2-Dinitrobenzene	40	
1,3-Dinitrobenzene	20	
1,4-Dinitrobenzene	40	
4,6-Dinitro-2-methylphenol	50	
2,4-Dinitrophenol	50	
2,4-Dinitrotoluene	10	
2,6-Dinitrotoulene	10	
5,5-Diphenylhydantoin	20	
1,2-Diphenylhydrazine		
Di-n-octyl phthalate	10	
Disulfoton	10	
EPN	10	
Ethion	10	
Ethyl carbamate	50	
Ethyl methanesulfonate	20	
Famphur	20	
Fensulfothion	40	
Fenthion	10	
Fluchloralin	20	
Fluoranthene	10	
Fluorene	10	
2-Fluorobiphenyl		
2-Fluorophenol		
Hexachlorobenzene	10	
Hexachlorobutadiene	10	
Hexachlorocyclopentadiene	10	
Hexachloroethane	10	
Hexacholorophene	50	
Hexamethylphosphoramide	20	
Hydroquinone		
Indeno(1,2,3-cd)pyrene	10	
Isodrin	20	
Isophorone	10	
Isosafrole	10	
Kepone	20	
Leptophos	10	
Mestranol	20	
Methapyrilene	100	
3-Methylcholanthrene	10	
Methyl methanesulfonate	10	
2-Methylnaphthalene	10	
2-Methlyphenol	10	
3-Methylphenol	10	
4-Methylphenol	10	

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Method 8270 continued

	MDLs	SOLID
Monocrotophos	40	
Naphthalene	10	
1,4-Naphthoquinone	10	
1-Naphthylamine	10	
2-Naphthylamine	10	
Nicotine	20	
5-Nitroacenaphthene	10	
2-Nitroaniline	50	
3-Nitroaniline	50	
4-Nitroaniline	20	
5-Nitro-o-toluidine	10	
4-Nitroquinoline-1-oxide	40	
N-Nitrosodi-n-butylamine	10	
N-Nitrosodiethylamine	20	
N-Nitrosodimethylamine		
N-Nitrosodiphenylamine	10	
N-Nitrosodi-n-propylamine	10	
N-Nitrosomorpholine		
N-Nitrosopiperidine	20	
N-Nitrosopyrrolidine	40	
Octamethyl pyrophosphoramidate	200	
4-4'-Oxydianiline	20	
Pentachlorobenzene	10	
Pentachloronitrobenzene	20	
Pentachlorophenol	50	
Phenacetin	20	
Phenanthrene	10	
Phenobarbital	10	
Phenol	10	
1,4-Phenylenediamine	10	
Phorate	10	
Phosalone	100	
Phosmet	40	
Phosphamidon	100	
Phthalic anhydride	100	
2-Picoline (2-Methylpyridine)		
Piperonyl sulfoxide	100	
Pronamide	10	
Propylthiouracil	100	
Pyrene	10	
Pyridine		
Resorcinol	100	
Safrole	10	
Strychnine	40	
Sulfallate	10	
Terbufos	20	
1,2,4,5-Tetrachlorobenzene	10	

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Method 8270 continued

	MDLs	SOLID
2,3,4,6-Tetrachlorophenol	10	
Tetrachlorvinphos	20	
Tetraethyl pyrophosphate	40	
Thionazine	20	
Thiophenol (Benzenethiol)	20	
Toulene diisocyanate		
o-Toulidine	10	
Toxaphene		
2,4,6-Tribromophenol		
1,2,4-Trichlorobenzene	10	
2,4,5-Trichlorophenol	10	
2,4,6-Trichlorophenol	10	
Trifluralin	10	
2,4,5-Trimethylaniline	10	
Trimethyl phosphate	10	
1,3,5-Trinitrobenzene	10	
Tris(2,3-dibromopropyl) phosphate	200	
Tri-p-tolyl phosphate	10	
O,O,O-Triethyl phosphorothioate		

METHOD 8310 Polynuclear Aromatic Hydrocarbons by HPLC

	MDLs	SOLID
Acenaphthene		
Acenaphthylene		
Anthracene		
Benzo(a)anthracene		
Benzo(a)pyrene		
Benzo(b)fluoranthene		
Benzo(k)fluoranthene		
Benzo(ghi)perylene		
Chrysene		
Dibenzo(a,h)anthracene		
Fluoranthene		
Fluorene		
Indo(1,2,3-cd)pyrene		
Naphthalene		
Phenanthrene		
Pyrene		

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TCLP RCRA Pesticides and Herbicides EPA 1311/SW846	PQL µg/l	SOLID
Chlordane	2.0	
Endrin	20.0	
Heptachlor (and its epoxide)	2.0	
Lindane	20.0	
Methoxychlor	20.0	
toxaphene	2.0	
2,4-D	50.0	
2,4,5-TP(silvex)	10.0	

TCLP RCRA METALS EPA 1311/SW846	PQL µg/l	SOLID
Arsenic	20.0	
Barium	500.0	
Cadmium	25.0	
Chromium	250.0	
Lead	500.0	
Mercury	2.0	
Selenium	20.0	
Silver	50.0	

TCLP Volatile Organics 8260 with 1311 extraction	MDLs	SOLID
Benzene	50.0	
Carbon Tetrachloride	50.0	
Chlorobenzene	50.0	
Chloroform	50.0	
1,2-dichloroethane	50.0	
1,1-dichloroethane	50.0	
methyl ethyl ketone	1000.0	
tetrachloroethylene	50.0	
trichloroethylene	50.0	
vinyl chloride	50.0	

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**TCLP Semi-Volatile Organics
8720 with 1311 extraction**

MDLs SOLID

o-cresol	20.0
m,p-cresol	40.0
2,4-dinitrotoluene	10.0
hexachlorobenzene	10.0
hexachloro-1,3-butadiene	10.0
hexachloroethane	10.0
nitrobenzene	10.0
pentachlorophenol	20.0
pyridiene	10.0
2,4,5-trichlorophenol	20.0
2,4,6-trichlorophenol	20.0
1,4-dichlorobenzene	10.0

RCRA General Chemistry

MDLs SOLID

Ignitability	Corrosivity
Total Releasable Sulfide as H ₂ S	5.0
Total Releasable Cyanide as HCN	1.0

Soild Waste Phase 1 Organics (Title 33 Series 1) Cost (Groundwater only) per set:

PARAMETER	METHOD	MDLs	SOLID
Acetone	8260	10	
Acrylonitrile	8260	10	
Benzene	8260	1.0	
Bromochloromethane	8260	1.0	
Bromodichloromethane	8260	1.0	
Bromoform	8260	1.0	
Carbon disulfide	8260	10	
Carbon tetrachloride	8260	1.0	
Chlorobenzene	8260	1.0	
Chloroethane	8260	1.0	
Chloroform	8260	1.0	
Dibromochloromethane	8260	1.0	
1,2-Dibromo-3-chloropropane (DBCP)	8011	0.2	
1,2,-Dibromoethane (EDB)	8011	.05	
o-Dichlorobenzene	8260	1.0	
p-Dichlorobenzene	8260	1.0	
trans-1,4-Dichloro-2-butene	8260	1.0	
1,1-Dichloroethane	8260	1.0	
1,2-Dichloroethane	8260	1.0	
1,1-Dichloroethylene	8260	1.0	
cis-1,2-Dichloroethylene	8260	1.0	
trans-1,2-Dichloroethylene	8260	1.0	

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Soild Waste Phase 1 Organics (Title 33 Series 1) continued Cost (Groundwater only) per set:

PARAMETER	METHOD	MDLs	SOLID
1,2-Dichloropropane	8260	1.0	
cis-1,3-Dichloropropene	8260	1.0	
trans-1,3-Dichloropropene	8260	1.0	
Ethylbenzene	8260	1.0	
2-Hexanone	8260	10	
Methyl bromide	8260	1.0	
Methyl chloride	8260	1.0	
Methylene bromide	8260	1.0	
Methylene chloride	8260	1.0	
Methyl ethyl ketone	8260	10	
Methyl iodide	8260	10	
4-Methyl-2-pentanone	8260	10	
Styrene	8260	1.0	
1,1,1,2-Tetrachloroethane	8260	1.0	
1,1,2,2-Tetrachloroethane	8260	1.0	
Toulene	8260	1.0	
1,1,1-Trichloroethane	8260	1.0	
1,1,2-Trichloroethane	8260	1.0	
Trichloroethylene	8260	1.0	
Trichlorofluoromethane	8260	1.0	
1,2,3-Trichloropropane	8260	1.0	
Vinyl acetate	8260	10	
Vinyl chloride	8260	1.0	
Xylenes	8260	1.0	

ORGANIC ANALYSIS OF WATER AND SOIL

DEP14731

Bid Schedule

Vendors Name: Bio-Chem Testing, Inc.

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

TEM NO.	ESTIMATED QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1.0		Method 601, Purgeable Halocarbons - See page 7		
1.1	12	Single compound analysis cost	48	\$ 576
1.2	12	Up to 10 compounds then complete list cost applies	60	\$ 720
1.3	12	Complete list cost	70	\$ 840
2.0		Method 602, Purgeable Aromatics - See page 7		
2.1	15	Single compound analysis cost	48	\$ 720
2.2	15	Complete list cost	70	\$ 1050
3.0		Method 603, Acrolein & Acrylonitrile - See page 8		
3.1	15	Single compound analysis cost	48	\$ 720
3.2	15	Complete list cost	54	\$ 810
4.0		Method 604, Phenols - See page 8		
4.1	20	Single compound analysis cost	90	\$ 1800
4.2	20	Up to 10 compounds then complete list cost applies	108	\$ 2160
4.3	20	Complete list cost	120	\$ 2400
5.0		Method 605, Benzidines - See page 8		
5.1	12	Single compound analysis cost	90	\$ 1080
5.2	12	Complete list cost	120	\$ 1440
6.0		Method 606, Phthalate Esters - See page 8		
6.1	12	Single compound analysis cost	90	\$ 1080
6.2	12	Complete list cost	120	\$ 1440
7.0		Method 607, Nitrosamines - See page 8		
7.1	12	Single compound analysis cost	90	\$ 1080
7.2	12	Complete list cost	108	\$ 1296
8.0		Method 608, Organochlorine Pesticides & PCBs - See page 8-9		
8.1	15	Single compound analysis cost	66	\$ 990
8.2	15	Up to 10 compounds then complete list cost applies	78	\$ 1170
8.3	15	Complete list cost	90	\$ 1350

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
9.0		Method 609, Nitroaromatics & Isophorone - See page 9		
9.1	12	Single compound analysis cost	90	\$ 1080
9.2	12	Complete list cost	108	\$ 1296
10.0		Method 610, Polynuclear Aromatic Hydrocarbons - See page 9		
10.1	20	Single compound analysis cost	72	\$ 1440
10.2	20	Up to 10 compounds then complete list cost applies	78	\$ 1560
10.3	20	Complete list cost	84	\$ 1680
11.0		Method 611, Halocthers - See page 10		
11.1	12	Single compound analysis cost	90	\$ 1080
11.2	12	Complete list cost	108	\$ 1296
12.0		Method 612, Chlorinated hydrocarbons - See page 10		
12.1	12	Single compound analysis cost	90	\$ 1080
12.2	12	Complete list cost	108	\$ 1296
13.0		Method 613, 2,3,7,8 Tetrachlorodibenzo-P-dioxin - See page 10		
13.1	12	Single compound analysis cost	300	\$ 3600
14.0		Method 613, Tetra-through Octa-Chlorinated Dibenzo-P-dioxins (CDDs) & Dibenzofurans (CDFs) - See page 10		
14.1	12	Complete list cost	570	\$ 6840
15.0		Method 624, Purgeables - See page 10-11		
15.1	20	Single compound analysis cost	48	\$ 960
15.2	20	Up to 10 compounds then complete list cost applies	60	\$ 1200
15.3	20	Complete list cost	72	\$ 1440
16.0		Method 625, Base/Neutrals Extractables - See page 11-12		
16.1	12	Single compound analysis cost	90	\$ 1080
16.2	12	Up to 10 compounds then complete list cost applies	108	\$ 1296
16.3	12	Complete list cost	132	\$ 1584
17.0		Method 625, Acid Extractables - See page 13		
17.1	12	Single compound analysis cost	90	\$ 1080
17.2	12	Up to 10 compounds then complete list cost applies	108	\$ 1296
17.3	12	Complete list cost	132	\$ 1584
18.0		Method 8015B - See page 13-14		
18.1	20	Single compound analysis cost	48	\$ 960
18.2	20	Up to 10 compounds then complete list cost applies	120	\$ 2400
18.3	20	Complete list cost	300	\$ 6000
19.0		Method 8041, Phenols by GC - See page 14-15		
19.1	12	Single compound analysis cost	90	\$ 1080
19.2	12	Up to 10 compounds then complete list cost applies	108	\$ 1296
19.3	12	Complete list cost	168	\$ 1584

DEP14731 (cont.)

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
20.0		Method 8100, Polynuclear Aromatic Hydrocarbons - See page 15		
20.1	20	Single compound analysis cost	60	\$ 1200
20.2	20	Up to 10 compounds then complete list cost applies	78	\$ 1560
20.3	20	Complete list cost	108	\$ 2160
21.0		Method 8121, Chlorinated Hydrocarbons - See page 16		
21.1	12	Single compound analysis cost	90	\$ 1080
21.2	12	Up to 10 compounds then complete list cost applies	108	\$ 1296
21.3	12	Complete list cost	126	\$ 1512
22.0		Method 8151A, Chlorinated Herbicides - See page 16		
22.1	12	Single compound analysis cost	84	\$ 1008
22.2	12	Up to 10 compounds then complete list cost applies	108	\$ 1296
22.3		Complete list cost	132	\$ 1584
23.0		Method 8260, - See page 17 thru 19		
23.1	15	Search for additional tentatively identified compounds	24	\$ 360
23.2	15	Single compound analysis cost	60	\$ 900
23.3	15	Up to 10 compounds then complete list cost applies	72	\$ 1080
23.4	15	Complete list cost	90	\$ 1350
23.5	15	GC-MS Scan per TIC, report TICS that are detected at 10% of the area of the nearest internal standard	24	\$ 360
24.0		Method 8270, - See page 19 thru 23		
24.1	15	Search for additional tentatively identified compounds	24	\$ 360
24.2	15	Single compound analysis cost	90	\$ 1350
24.3	15	Up to 10 compounds then complete list cost applies	120	\$ 1800
24.4	15	Complete list cost	234	\$ 3510
24.5	15	GC-MS Scan per TIC, report TICS that are detected at 10% of the area of the nearest internal standard	24	\$ 360
25.0		Method 8310, Polynuclear Aromatic Hydrocarbons by HPLC - See page 23		
25.1	15	Single compound analysis cost	60	\$ 900
25.2	15	Up to 10 compounds then complete list cost applies	78	\$ 1170
25.3	15	Complete list cost	90	\$ 1350
26.0		TCLP RCRA Pesticides & Herbicides EPA 1311/SW846 - See page 24		
26.1	12	Single compound analysis cost	90	\$ 1080
26.2	12	Complete list cost	102	\$ 1224
27.0		TCLP RCRA Metals EPA 1311/SW846 - See page 24		
27.1	24	Single compound analysis cost	60	\$ 1440
27.2	24	Complete list cost	125	\$ 3000
28.0		TCLP Volatile Organics 8260 with 1311 extraction - See page 24		
28.1	20	Single compound analysis cost	90	\$ 1800
28.2	20	Up to 10 compounds then complete list cost applies	114	\$ 2280
28.3	20	Complete list cost	114	\$ 2280

DEP14731 (cont.)

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
29.0		TCLP Semi-Volatile Organics 8720 with 1311 extraction - See page 25		
29.1	12	Single compound analysis cost	120	\$ 1440
29.2	12	Up to 10 compounds then complete list cost applies	162	\$ 1944
29.3	12	Complete list cost	180	\$ 2160
30.0		RCRA General Chemistry - See page 25		
30.1	12	Single compound analysis cost	24	\$ 288
30.2	12	Complete list cost	68	\$ 816
31.0		Solid Waste Phase I Organics (Title 33 Series1) Cost (Groundwater only) per set: - See page 25-26		
31.1	12	Search for additional tentatively identified compounds	24	\$ 288
31.2	12	Single compound analysis cost	60	\$ 720
31.3	12	Up to 10 compounds then complete list cost applies	72	\$ 864
31.4	12	Total cost Phase I 8260 complete list	78	\$ 936
32.0		Priority Pollutants by SW-846 Protocol Analysis		
32.1	12	Priority Pollutant Volatiles	72	\$ 864
32.2	12	Priority Pollutant Semi-Volatiles	150	\$ 1800
32.3	12	Priority Pollutant Pesticides/PCBs	102	\$ 1224
32.4	12	Priority Pollutant Inorganics	140	\$ 1680
32.5	12	Total Package Cost (less dioxins) Dioxin (2,3,7,8-Tetrachlorodibenzo-p-Dioxin) quoted at time of analysis	464	\$ 5568
33.0		Total Toxic Organics (TTO) by SW-846 Protocol Analysis		
33.1	12	TTO Volatiles	72	\$ 864
33.2	12	TTO Semi-Volatiles	150	\$ 1800
33.3	12	TTO Pesticides/PCBs	102	\$ 1224
33.4	12	TTO Inorganics		\$
33.5	12	Total Package Cost (less dioxins) Dioxin (2,3,7,8-Tetrachlorodibenzo-p-Dioxin) quoted at time of analysis	324	\$ 3888
34.0		Target Compounds List (TCL) Analysis		
34.1	12	TCL Volatiles	72	\$ 864
34.2	12	TCL Semi-Volatiles	150	\$ 1800
34.3	12	TCL Pesticides/PCBs	102	\$ 1224
34.4	12	TCL Inorganics	200	\$ 2400
34.5	12	Total Package Cost (less dioxins) Dioxin (2,3,7,8-Tetrachlorodibenzo-p-Dioxin) quoted at time of analysis	524	\$ 6288
35.0		Hazardous Waste Characterizations Analysis		
35.1	12	Reactivity	43	\$ 516
35.2	12	Ignitability	20	\$ 240
35.3	12	Corrosivity (pH)	5	\$ 60
35.4	12	Corrosivity (NACE)		\$
35.5	12	BTU	50	\$ 600
35.6	12	TCLP, Pest/Herb/Metals & Semivolatiles ^{± Volatile}	520	\$ 6240
35.7	12	Total Package Cost minus com due NACE	638	\$ 7856

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
36.0		TCLP Extractions Analysis		
36.1	15	Percent Solids (metals, semi-volatiles, volatiles, pesticides, herbicides)	15	\$ 225
36.2	15	Characterization Extraction (metals, semi-volatiles, pesticides, herbicides)	70	\$ 1050
36.3	15	Zero Headspace Extraction (volatiles)	75	\$ 1125
37.0		TCLP Analysis - Analysis		
37.1	20	TCLP Metals quantified to 10% of TCLP levels	70	\$ 1400
37.2	20	TCLP-Mercury	25	\$ 500
37.3	20	TCLP-Individual Metal	20	\$ 400
37.4	20	Additional Metals (Flame, Furnace, ICP, ICP-MS)	20	\$ 400
37.5	20	Analysis by Standard Method of Addition (per metal)	25	\$ 500
37.6	20	TCLP Pb characterization (includes extraction fees)	70	\$ 1400
37.7	20	TCLP Volatile Organics	75	\$ 1500
37.8	20	TCLP Semi-Volatile Organics	170	\$ 3400
37.9	20	TCLP Pesticides/Herbicides	125	\$ 2500
37.10	20	TCLP Pesticides	80	\$ 1600
37.11	20	TCLP Herbicides	80	\$ 1600
37.12	20	Full TCLP	520	\$ 10400
		NOTE: Multiphasic samples will be subject to additional extraction and analytical fee		
38.0	12	Phase II Groundwater Parameters	575	\$ 6900
39.0	12	Volatiles by Method 8260 - Groundwater II	120	\$ 1440
40.0	12	Volatiles by Method 8270 - Groundwater II	234	\$ 2808
41.0	12	Encore Sampling Kits	12	\$ 144
42.0	12	Terra Core Sampling Kits	12	\$ 144
43.0	24	*Charleston Office, 601 57th St., SE, Charleston, WV 25304	00	\$
44.0	24	*Teays Office, P.O. Box 662, Teays, WV 25596	00	\$
45.0	24	*Fairmont Office, 2031 Pleasant Valley Rd., Fairmont, WV 26554	100	\$
46.0	24	*Romney Office, HC 63, Box 2545, Romney, WV 26757	125	\$
47.0	24	*French Creek Office, P.O. Box 38, French Creek, WV 26218	125	\$
48.0	24	*Wheeling Office, 131A Peninsula St., Wheeling, WV 26003	150	\$
49.0	24	*Parkersburg Office, 2311 Ohio Ave., Parkersburg, WV 26010	110	\$
50.0	24	*Oak Hill Office, 116 Industrial Dr., Oak Hill, WV 25901	110	\$
51.0	10	24 Hour Turn-Around Rush Orders**	75% surcharge	

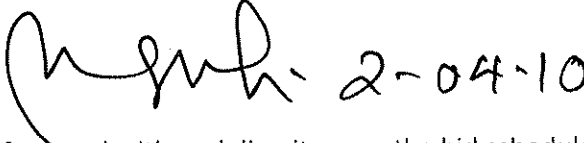
DEP14731 (cont.)

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
52.0	10	48 Hour Turn-Around Rush Orders**	60% Surcharge	
53.0	10	72 Hour Turn Around Rush Orders**	40% Surcharge	
TOTAL				\$

*Collection of Samples - Cost Associated with collection from DEP Offices

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.

All samples needing analysis for organic compounds or analytes will be subcontracted to WV DEP certified laboratory.
 2-04-10

PLEASE NOTE: The page numbers referenced with each line item on the bid schedule pertain to the page numbers on the top left hand side of the specifications and NOT the page numbers noted on the top right of each page.

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

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

- 1. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. Application is made for 5% resident vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

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

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

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

Bidder: Bio-Chem Testing Inc. Signed: [Signature]
Date: 2-04-2010 Title: President

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

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 exceeds 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: Bio-Chem Testing Inc.

Authorized Signature: [Signature] Date: 2-04-2010

State of West Virginia

County of Putnam, to-wit:

Taken, subscribed, and sworn to before me this 4th day of February, 2010.

My Commission expires December 31, 2015

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]

