

REVISED Table 1 (Deliverables) – Dated: 10/18/2013

MANDATORY CORE TEST ANALYTES – TECHNICAL REQUIREMENTS AND COST PROPOSAL

Request for Proposal 4523 Z1

For each analyte/method listed, the bidder must complete the following columns: Contractors Report Level, Contractors Method Used, Contractor Routine Turnaround Time, Cost per Analyte (EA), and any applicable comments. Costs quoted shall be firm and fixed, throughout the life of the contract including all optional renewal periods.

Table 1 must be completed and submitted with the proposal response. Failure to submit a completed Table 1 will result in a rejection of the bidder's proposal response.

Bidder's Company Name: _____

Table 1 values are the methods and RLs currently being used. The State will consider EPA-approved alternatives for all tests in Table 1 EXCEPT the bromate method and RL of 1.0 ug/L.

Analyte	DHHS PHE Lab Report Level	Estimated Annual Usages	Contractor Report Level	Method	Contractor Method used	Holding Time	Turn Around	Contractor Routine Turnaround Time	Cost per Analyte (EA)	Comments
Asbestos	0.17MFL	65		EPA 100.2		48hr to filtration	4 weeks			
Bromate	1 ug/L Required	15		EPA 317.0 Required			2 weeks			
Chlorite	10 ug/L	30		EPA 300.0		14 days	10 days			
Dioxin	5 pg/L	25		EPA 1613			3 weeks			
TOC	0.5 mg/L	140		SM5310-C		28 days	14 days			
Gross Alpha	1.5 pC/L	665		EPA 900.0		6 months	6 weeks			
Radium-226	.1 pC/L	690		EPA 903.0		6 months	6 weeks			
Radium-228	.8 pC/L	690		RA-05 from EPA Doc 520		6 months	6 weeks			
Uranium Isotopic	0.1 pC/L	175		SM7500-UC		6 months	6 weeks			
Endothall	9 ug/L	25		548			6 weeks			

Oil & Grease Water/Waste Water (HEM & SGT-HEM)	5 mg/L	10		1664		28 days	4 weeks			
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All Isotopic Uranium results must include the total combined uranium activity in pCi/L from the individual uranium isotopes (e.g., U-234, U-235, U-238), U-234 and U-238 activities as well as U-234/U238 ratio need to be reported so that a unique activity to mass conversion factor can be used to calculate uranium mass concentration in ug/L. All uranium data must include precision data (e.g. 2 sigma statistic).

Water Quality Tests for a New Well are: Gross Alpha, Radium-226, Radium-228, Isotopic Uranium, Asbestos, Endothall, Dioxin and TOC on each sample Estimate 25 New Wells per year.

Total numbers of samples of each method is impossible to predict. The DHHS PHE Laboratory does most of the routine testing.

The contracted laboratory would provide backup on all routine compliance monitoring and special requests by clients.

All non-drinking water testing requests would be sent to the contracted laboratory such as EPA 625, RCRA metals, oil and grease, etc.

MDL requirements are addressed in Section 7.2.11 of the "Manual for the Certification of Laboratories Analyzing Drinking Water, 5th Edition", January 2005.