

RFP 6161 Z1
BAFO COST PROPOSAL – TABLE 1
Deliverables

CORE TEST ANALYTES

Bidder's Company Name: Pace Analytical Services, LLC

Bidders must ensure all cells in the following columns of both Table 1 and Table 2 of the Cost Proposal are completed:

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 initial contract term.

**Bidder must complete all fields in Table 1 and submit with the proposal response. Failure to submit a completed Table 1 will result in a rejection of the bidder's proposal response. Must use an EPA drinking water approved methodology **

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	Estimated Annual Usages	DHHS NPHEL Report Level	Contract or Report Level	Method	Contractor Method used	Holding Time	Turn Around	Contractor Routine Turn-around Time	Cost per Analyte (EA)	Contractor or Subcontractor performs test	Comments
Asbestos	60	0.20MFL Required	0.19 MFL	EPA 100.2	100.2	48hr to filtration	4 weeks	2 weeks	\$110.00	Sub	EMSL
Bromate	10	1 ug/L Required	1 ug/L	EPA 317.0 Required	317.0	28 days	2 weeks	2 weeks	\$125.00	Sub	Eurofins
Chlorite	25	10 ug/L	10 ug/L	EPA 300.0, Rev2.1	300.0	14 days	10 days	10 days	\$28.00	Sub	Eurofins
Dioxin	40	5 pg/L	5 pg/L	EPA 1613	EPA 1613	1 year	3 weeks	2 weeks	\$200.00	Pace	Pace-MN
TOC	170	0.5 mg/L	0.5 mg/L	SM5310-B	5310C	28 days	14 days	14 days	\$26.00	Sub	Eurofins
Gross Alpha	200	MDC pC/L	3 pCi/L	EPA 900.0	900.0	6 months	6 weeks	3 weeks	\$28.00	Pace	Pace-PA
Radium-226	150	MDC pC/L	1 pCi/L	EPA 903.1	903.1	6 months	6 weeks	3 weeks	\$72.00	Pace	Pace-PA
Radium-228	150	MDC pC/L	1 pCi/L	EPA 904.0	904.0	6 months	6 weeks	3 weeks	\$70.00	Pace	Pace-PA
Uranium Isotopic	60	1.0 pC/L	1 pCi/L	HASL 300 U02	HASL 300	6 months	6 weeks	3 weeks	\$75.00	Pace	Pace-PA
Endothall	40	9 ug/L	9 ug/L	548.1 Rev1.0	548.1	7d collect to extract; 14d	6 weeks	14 days	\$105.00	Sub	Eurofins

						extract to analysis						
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All Isotopic Uranium results must include the total combined uranium activity in pCi/L from the individual uranium isotopes (U-234, U-235, U-238), U-234 and U-238 activities as well as U-234/U238 ratio must 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 NPHEL does most of the routine testing.

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

RFP 6161 Z1
BAFO COST PROPOSAL REVISION 1– TABLE 2
Deliverables

ADDITIONAL TEST ANALYTES

Bidder's Company Name: Pace Analytical Services, LLC

Bidders must ensure all cells in the following columns of both Table 1 and Table 2 of the Cost Proposal are completed:

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 initial contract term.

**Bidder must complete all fields in Table 2 and submit with the proposal response. Failure to submit a completed Table 2 will result in a rejection of the bidder's proposal response. Must use an EPA approved methodology **

Analyte	DHHS NPHEL Report Level	Contractor Report Level	Method	Contractor Method used	Holding Time	Turn Around	Contractor Routine Turnaround Time	Lab Fee	Contractor or Subcontractor performs test	Comments
Alkalinity as CaCO3	20 mg/L	5 mg/L	SM 2320B	SM 2320 B	14 days	7 days	7 days	\$17.00	Pace	N/A
Ammonia (by distillation)	0.05 mg/L	.01 mg/L	EPA 350.1 Rev2.0	EPA 350.1	28 days	10 days	10 days	\$35.00	Pace	Pace Pittsburgh; NELAC Cert, non-potable
Ammonia (by diffusion)	0.05 mg/L	.05 mg/L	EPA 350.1 Rev2.0	EPA 350.1	28 days	10 days	10 days	\$21.00	Pace	N/A
Antimony	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Arsenic	1 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Barium	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Beryllium	0.5 ug/L	0.1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Bicarbonate/Carbonate	5 mg/L	5 mg/L	SM2320B	SM 2320B	14 days	20 days	14 days	\$17.00	Pace	N/A
Bismuth	0.1 mg/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$40.00	Subcontractor	Eurutins - Mendocino, CA
BOD/CBOD	2 mg/L	2 mg/L	EPA 405.1/SM 5210-B	SM 5210B	48 hours	10 days	10 days	\$35.00	Pace	N/A
Boron	0.1 mg/L	.05 mg/L	EPA 200.7	EPA 200.7	6 months		14 days	\$15.00	Pace	N/A
Bromide		5 ug/L	EPA 300.1	EPA 300.1	28 days	2 weeks	14 days	\$24.00	Pace	N/A

Analyte	DHHS NPHEL Report Level	Lab Report Level	Method	Method used	Holding Time	Turn Around	Lab Routine Turnaround Time	Lab Fee	Contractor or Subcontractor performs test	Comments
Cadmium	0.5 ug/L	0.2 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Calcium	0.15 mg/L	0.65 mg/L	SM 3111B	EPA 200.7	6 months	20 days	14 days	\$15.00	Pace	N/A
Chloride	1 mg/L	5 mg/L	SM 4500-CI-E	EPA 300.0	28 days	10 days	10 days	\$17.00	Pace	N/A
Chromium	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Cobalt	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
COD	12 mg/L	20 mg/L	SM 410.4/Hach 8000	EPA 410.4	28 days	10 days	10 days	\$24.00	Pace	N/A
Conductivity	0.1 umho/cm	1 umho/cm	SM 2510B	SM 2510 B	28 days	7 days	7 days	\$12.00	Pace	N/A
Copper	2.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Cryptosporidium/Giardia		1 oocyst	EPA1623 or 1623.1	EPA 1623.1	96 hours	7 days	7 days	\$500.00	Subcontractor	ASI Laboratories
Cyanide, Free	0.05 mg/L	0.02 mg/L	SM 4500CN-F	4500-CN-F	14 days	10 days	10 days	\$60.00	Subcontractor	Eurofins - Monrovia
Cyanide, Total	0.01 mg/L	0.01 mg/L	SM 4500CN-E	EPA 335.4	14 days	10 days	10 days	\$40.00	Pace	N/A
Fluoride	0.20 mg/L	.05 mg/L	SM 4500F-C	EPA 300.0	28 days	7 days	7 days	\$17.00	Pace	N/A
Iron, Drinking Water	50 ug/L	120 ug/L	SM 3111B	EPA 200.7	6 months	20 days	14 days	\$15.00	Pace	N/A
Lead	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Magnesium	0.15 mg/L	0.5 mg/L	SM 3111B	EPA 200.7	6 months	20 days	14 days	\$15.00	Pace	N/A
Manganese	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Mercury, Drinking & Environmental Water	0.2 ug/L	0.2 ug/L	EPA 245.1 Rev3.0; SM 3112B	EPA 245.1	28 days	20 days	20 days	\$22.00	Pace	N/A
Microscopic Particulate Analysis		1 per 100 gallons		EPA Consensus	96 hours	3 weeks	3 weeks	\$550.00	Subcontractor	ASI; Price does not include sampling.
Microwave Digestion for Metals	NA	N/A	SM 3015	N/A	6 months	NA	N/A	N/A	Pace	Included
Molybdenum	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Nickel	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Nitrate/Nitrite	0.05 mg/L	.05 mg/L	EPA 353.2 Rev2.0	EPA 353.2	28 days	5 days	5 days	\$17.00	Pace	N/A
pH	NA	N/A	EPA 150.1	EPA 150.1	0.25 hours	5 days	5 days	\$10.00	Pace	N/A

Analyte	DHHS NPHEL Report Level	Lab Report Level	Method	Method used	Holding Time	Turn Around	Lab Routine Turnaround Time	Lab Fee	Contractor or Subcontractor performs test	Comments
Phosphate-Ortho, as P	0.02 mg/L	.004 mg/L	EPA 365.1 Rev1.0	EPA 365.1	48 hours	7 days	7 days	\$28.00	Pace	N/A
Nitrogen-Nitrite	0.1 mg/L	.05 mg/L	EPA 353.2 Rev2.0	EPA 353.2	48 hours	5 days	5 days	\$17.00	Pace	N/A
Phosphorus-Total	0.04 mg/L	.004 mg/L	EPA 365.4	EPA 365.3	28 days	20 days	14 days	\$28.00	Pace	N/A
Potassium	0.30 mg/L	1.0 mg/L	SM 3111B	EPA 200.7	6 months	20 days	14 days	\$15.00	Pace	N/A
Salinity	0.1	.05 psu	SM 2520B	SM 2520B	28 days	7 days	7 days	\$80.00	Pace	Pace National; NELAC cert, non-potable
Sample Filtration	NA	N/A	NA	N/A	NA	NA	N/A	\$12.00	Pace	N/A
Selenium	2.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Silica	0.1 mg/L	0.36 mg/L	EPA 200.7	EPA 200.7	180 days	10 days	14 days	\$15.00	Pace	N/A
Silicon	0.05 mg/L	0.17 mg/L	EPA 200.7	EPA 200.7	180 days	10 days	10 days	\$15.00	Pace	N/A
Silver	0.5 ug/L	0.1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Sodium	0.15mg/L	1 mg/L	SM 3111B	EPA 200.7	6 months	20 days	14 days	\$15.00	Pace	N/A
Strontium	1 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Sulfate	10 mg/L	5 mg/L	SM4500 SO4-E	EPA 300.0	28 days	7 days	7 days	\$17.00	Pace	N/A
Sulfide	0.5 mg/L	0.1 mg/L	A4500-S F	SM 4500 S2F	7 days	7 days	7 days	\$35.00	Pace	N/A
Sulfur, Total	0.1 mg/L	0.2 mg/L	SW6010B	SW 6010B	6 months	14 days	14 days	\$13.00	Pace	N/A
Surfactants	1 mg/L	0.2 mg/L	A5540C	SM 5540C	48 hours	7 days	7 days	\$50.00	Pace	N/A
Suspended Sediment Concentration	5 mg/L	5 mg/L	ASTM D3977-97	SM 2540D	14 days	14 days	14 days	\$21.00	Pace	N/A
Thallium	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Thorium, Isotopic	2 pCi/L	1 pCi/L	EPA 907.0	HASL 300	6 months		20 days	\$75.00	Pace	N/A
Titanium	0.1 mg/L	0.1 mg/L	EPA 200.8 Rev5.4	EPA 200.7	6 months	20 days	14 days	\$15.00	Pace	N/A
Total Dissolved Solids	10 mg/L	5 mg/L	SM 2540C	SM 2540C	7 days	7 days	7 days	\$21.00	Pace	N/A
Total Hardness	4 mg/L	3.3 mg/L	SM 2340C	SM 2340C	6 months	7 days	7 days	\$24.00	Pace	N/A
Turbidity	0.1 NTU	0.2 NTU	EPA 180.1 Rev2.0	EPA 180.1	48 hours	NA	7 days	\$10.00	Pace	N/A
Uranium (Mass)	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A

Analyte	DHHS NPHEL Report Level	Lab Report Level	Method	Method used	Holding Time	Turn Around	Lab Routine Turnaround Time	Lab Fee	Contractor or Subcontractor performs test	Comments
Vanadium	0.5 ug/L	1 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Total Kjeldahl Nitrogen	0.50 mg/L	0.50 mg/L	EPA 351.2 Rev2.0	EPA 351.2	28 days	10 days	10 days	\$35.00	Pace	N/A
Total Suspended Solids	5 mg/L	5 mg/L	EPA 160.2	SM 2540D	7 days	7 days	7 days	\$21.00	Pace	N/A
Zinc	2.5 ug/L	5 ug/L	EPA 200.8 Rev5.4	EPA 200.8	6 months	20 days	14 days	\$15.00	Pace	N/A
Radon in Water	15 pCi/L	100 pCi/L	SM 7500-RN	SM 7500 Rn	3 days	6 weeks	3 weeks	\$50.00	Pace	N/A
1,2 Dibromoethane (EDB)	0.01 ug/L	0.01 ug/L	EPA 504.1 Rev1.1	EPA 504.1	14 days from collection to extraction, 24 hours extraction to analysis	14 days	14 days	\$45.00	Pace	Each sample for 504.1 - \$45.00
1,2 Dibromo-3- Chloropropane (DBCP)	0.01 ug/L	0.02 ug/L		EPA 504.1	14 days		14 days	\$45.00	Pace	Each sample for 504.1 - \$45.00
PCB-1016 Aroclor	0.1 ug/L	0.1 ug/L	EPA 505 Rev2.1	EPA 508.1	14 days from collection to extraction, 24 hours extraction to analysis	3 weeks	14 days	\$100.00	Pace	Each sample for 508.1 - \$100
PCB-1221 Aroclor	2 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
PCB-1232 Aroclor	0.5 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
PCB-1242 Aroclor	0.3 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
PCB-1248 Aroclor	0.2 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
PCB-1254 Aroclor	0.1 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
PCB-1260 Aroclor	0.2 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Toxaphene	1 ug/L	1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100

Analyte	DHHS NPHEL Report Level	Lab Report Level	Method	Method used	Holding Time	Turn Around	Lab Routine Turnaround Time	Lab Fee	Contractor or Subcontractor performs test	Comments
2,4-D	1 ug/L	0.1 ug/L	EPA 515.3 Rev1.0	EPA 515.3	14 days from collection to extraction, 14 days extraction to analysis	20 days	20 days	\$140.00	Pace	Each sample for 515.3 - \$140.00
2,4,5-TP (Silvex)	0.5 ug/L	0.2 ug/L		EPA 515.3	14 days		20 days	\$140.00	Pace	Each sample for 515.3 - \$140.00
Dalapon	1 ug/L	1 ug/L		EPA 515.3	14 days		20 days	\$140.00	Pace	Each sample for 515.3 - \$140.00
Dicamba	1 ug/L	0.1 ug/L		EPA 515.3	14 days		20 days	\$140.00	Pace	Each sample for 515.3 - \$140.00
Dinoseb	2 ug/L	0.2 ug/L		EPA 515.3	14 days		20 days	\$140.00	Pace	Each sample for 515.3 - \$140.00
Pentachlorophenol	0.2 ug/L	0.04 ug/L		EPA 515.3	14 days		20 days	\$140.00	Pace	Each sample for 515.3 - \$140.00
Picloram	3 ug/L	0.1 ug/L		EPA 515.3	14 days		20 days	\$140.00	Pace	Each sample for 515.3 - \$140.00
Bromodichloromethane	0.5 ug/L	1 ug/L	EPA 524.2 Rev4.1 (RL of 0.5 ug/L required for all analytes)	EPA 524.2	14 days	10 days	10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Bromoform	0.5 ug/L	1 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Chloroform	0.5 ug/L	1 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Dibromochloromethane	0.5 ug/L	1 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,1,1,2-Tetrachloroethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,1,1-Trichloroethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,1,2,2-Tetrachloroethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,1,2-Trichloroethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,1-Dichloroethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,1-Dichloroethene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,1-Dichloropropene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,2,3-Trichloropropane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00

Analyte	DHHS NPHEL Report Level	Lab Report Level	Method	Method used	Holding Time	Turn Around	Lab Routine Turnaround Time	Lab Fee	Contractor or Subcontractor performs test	Comments
1,2,4-Trichlorobenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,2,4-Trimethylbenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,2,3-Trichlorobenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,2-Dibromo-3- Chloropropane (DBCP)	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,2-Dibromoethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,2-Dichlorobenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,2-Dichloroethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,2-Dichloropropane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,3-Dichloropropane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,3,5-Trimethylbenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,3-Dichlorobenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
1,4-Dichlorobenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
2,2-dichloropropane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
2-Chlorotoluene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
4-Chlorotoluene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Benzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Bromobenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Bromochloromethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Bromodichloromethane	0.5 ug/L	1 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Bromomethane	0.5 ug/L	1 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Carbon Tetrachloride	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Chlorobenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Chloroethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Chloromethane	0.5 ug/L	1 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Cis-1,2-dichloroethene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00

Analyte	DHHS NPHEL Report Level	Lab Report Level	Method	Method used	Holding Time	Turn Around	Lab Routine Turnaround Time	Lab Fee	Contractor or Subcontractor performs test	Comments
Cis-1,3-dichloropropene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Dibromoethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Dichlorodifluoromethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Dichloromethane	0.5 ug/L	1 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Ethylbenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Hexachlorobutadiene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Isopropylbenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
M,P-Xylenes	0.5 ug/L	1 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Methyl-T-butyl ether (MTBE)	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Napthalene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
n-Butylbenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
n-Propylbenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
O-Xylene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Pisopropyltoluene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Sec-butylbenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Styrene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Tert-butylbenzene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Tetrachloroethene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Toluene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Trans-1,2-dichloroethene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Trans-1,3-dichloropropene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Trichloroethene	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Trichlorofluoromethane	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00
Vinyl Chloride	0.5 ug/L	0.5 ug/L		EPA 524.2	14 days		10 days	\$95.00	Pace	Each sample for 524.2 - \$95.00

Analyte	DHHS NPHEL Report Level	Lab Report Level	Method	Method used	Holding Time	Turn Around	Lab Routine Turnaround Time	Lab Fee	Contractor or Subcontractor performs test	Comments
Alachlor	0.1 ug/L	0.2 ug/L	EPA 525.2 Rev2.0	EPA 508.1	14 days to extraction, 30 days extraction to analysis	14 days	14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Aldrin	0.1 ug/L	0.1 ug/L		EPA 525.2	14 days		14 days	\$155.00	Pace	Each sample for 525.2 - \$155
Atrazine	0.08 ug/L	0.1 ug/L		EPA 525.2	14 days		14 days	\$100.00	Pace	Each sample for 525.2 - \$100
Benzo(a)pyrene	0.06 ug/L	0.1 ug/L		EPA 525.2	14 days		14 days	\$155.00	Pace	Each sample for 525.2 - \$155
Butachlor	0.1 ug/L	0.1 ug/L		EPA 525.2	14 days		14 days	\$155.00	Pace	Each sample for 525.2 - \$155
Butylate	0.1 ug/L	0.1 ug/L		EPA 525.2	14 days		14 days	\$420.00	Subcontractor	Eurofins; not included in standard 525.2 run
Chlorpyrifos	0.1 ug/L	0.5 ug/L		SW 8141	14 days		14 days	\$140.00	Pace	Each sample for 8141 - \$140
Cyanazine	0.15 ug/L	0.1 ug/L		EPA 525.2	14 days		14 days	\$420.00	Subcontractor	Eurofins – No Preservative, not included in standard 525.2 analysis
Di(2-ethylhexyl)phthalate	2 ug/L	2 ug/L		EPA 525.2	14 days		14 days	\$155.00	Pace	Each sample for 525.2 - \$155
Di(2-ethylhexyl adipate	0.5 ug/L	1.6 ug/L		EPA 525.2	14 days		14 days	\$155.00	Pace	Each sample for 525.2 - \$155
Dieldrin	0.1 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Endrin	0.1 ug/L	0.01 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Fonofos	0.1 ug/L	0.5 ug/L		SW 8141	14 days		14 days	\$140.00	Pace	Each sample for 8141 - \$140
Heptachlor	0.08 ug/L	0.04 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Heptachlor Epoxide	0.04 ug/L	0.02 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Hexachlorobenzene	0.1 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Hexachlorocyclopentadiene	0.1 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Lindane	0.04 ug/L	0.02 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Methoxychlor	0.1 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Metolachlor	0.1 ug/L	0.1 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Metribuzin	0.5 ug/L	0.3 ug/L		EPA 525.2	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Propachlor	0.1 ug/L	0.2 ug/L		EPA 525.2	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Simazine	0.1 ug/L	0.18 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100

Analyte	DHHS NPHEL Report Level	Lab Report Level	Method	Method used	Holding Time	Turn Around	Lab Routine Turnaround Time	Lab Fee	Contractor or Subcontractor performs test	Comments
Total Chlordane	0.3 ug/L	0.2 ug/L		EPA 508.1	14 days		14 days	\$100.00	Pace	Each sample for 508.1 - \$100
Trifluralin	0.1 ug/L	0.1 ug/L		EPA 525.2	14 days		14 days	\$420.00	Subcontractor	Eurofins; not included in standard 525.2 run
3-Hydroxy carbofuran	0.5 ug/L	2 ug/L	531.1 Rev3.1	EPA 531.2	28 days	20 days	14 days	\$85.00	Pace	Each sample for 531.2 - \$85
Aldicarb	0.5 ug/L	2 ug/L		EPA 531.2	28 days		14 days	\$85.00	Pace	Each sample for 531.2 - \$85
Aldicarb sulfone	0.5 ug/L	2 ug/L		EPA 531.2	28 days		14 days	\$85.00	Pace	Each sample for 531.2 - \$85
Aldicarb sulfoxide	0.5 ug/L	2 ug/L		EPA 531.2	28 days		14 days	\$85.00	Pace	Each sample for 531.2 - \$85
Carbaryl	0.5 ug/L	2 ug/L		EPA 531.2	28 days		14 days	\$85.00	Pace	Each sample for 531.2 - \$85
Carbofuran	0.5 ug/L	2 ug/L		EPA 531.2	28 days		14 days	\$85.00	Pace	Each sample for 531.2 - \$85
Methomyl	0.5 ug/L	2 ug/L		EPA 531.2	28 days		14 days	\$85.00	Pace	Each sample for 531.2 - \$85
Oxamyl	0.5 ug/L	2 ug/L		EPA 531.2	28 days		14 days	\$85.00	Pace	Each sample for 531.2 - \$85
Glyphosate	5 ug/L	6 ug/L	547	EPA 547	14 days	20 days	14 days	\$70.00	Pace	N/A
Diquat	1 ug/L	0.4 ug/L	549.2 Rev1.0	EPA 549.2	7 days to extract, 21 days to analysis	20 days	14 days	\$125.00	Pace	Each sample for 549.2 - \$125
Paraquat	1 ug/L	0.4 ug/L		EPA 549.2	7 days		14 days	\$125.00	Pace	Each sample for 549.2 - \$125
BCAA	1 ug/L	1 ug/L	552.2 Rev1.0	EPA 552.3	14 days collection to extraction, 7 days extraction to analysis	20 days	14 days	\$125.00	Pace	Each sample for 552.3 - \$125
DBAA	0.5 ug/L	1 ug/L		EPA 552.3	14 days		14 days	\$125.00	Pace	Each sample for 552.3 - \$125
DCAA	1.0 ug/L	1 ug/L		EPA 552.3	14 days		14 days	\$125.00	Pace	Each sample for 552.3 - \$125
MBAA	1.0 ug/L	1 ug/L		EPA 552.3	14 days		14 days	\$125.00	Pace	Each sample for 552.3 - \$125
MCAA	2.0 ug/L	1 ug/L		EPA 552.3	14 days		14 days	\$125.00	Pace	Each sample for 552.3 - \$125
TCAA	0.5 ug/L	1 ug/L		EPA 552.3	14 days		14 days	\$125.00	Pace	Each sample for 552.3 - \$125
Perchlorate			EPA 314	EPA 314.0		2 weeks	14 days	\$150.00	Subcontracted	Eurofins

Analyte	DHHS NPHEL Report Level	Lab Report Level	Method	Method used	Holding Time	Turn Around	Lab Routine Turnaround Time	Lab Fee	Contractor or Subcontractor performs test	Comments
Oil & Grease Water/Waste Water (HEM & SGT-HEM)	5 mg/L	5 mg/L	EPA 1664	EPA 1664	28 days	4 weeks	14 days	\$60.00	Pace	N/A
OA-1 Gasoline Range Organics - Water		200 ug/L	OA-1	8015B	14 days	20 days	14 days	\$40.00	Pace	N/A
OA-2 Diesel Range Organics - Water		100 ug/L	OA-2	8015B	7 days	14 days	14 days	\$40.00	Pace	N/A
Ethylene Glycol	10 mg/L	10 mg/L	EPA 8015B	8015		14 days	20 days	\$65.00	Pace	N/A
8260D Regular List		Various	EPA 8260D	8260B			14 days	\$75.00	Pace	N/A
8260D Long List		Various	EPA 8260D	8260B			14 days	\$75.00	Pace	N/A
EPA 624		Various	EPA 624	EPA 624			14 days	\$75.00	Pace	N/A
EPA 625		Various	EPA 625	EPA 625			14 days	\$175.00	Pace	N/A

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.

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