U.S EPA Region III Analytical Request Form

Revision 11.09

OASQA USE ONLY			
Control #	**CT5865**	**RAS #**	
DAS#	**R33907**	**NSF #**	
PES #		**Analytical TAT**	**7 days**

Date: 01/04/2012	Site Activity: Removal Site Evaluation		
Site Name: Dimock Residential Groundwater Site		Street Address: PA RT 229 @ 2024	
City: Dimock	State: PA 18847	Latitude:	Longitude:
Program: Superfund	Acct. #: 2012 T03N303DC6A3TARS00	CERCLIS #: Unknown	
Site ID: N/A	Spill ID: A3TA	Operable Unit:	
Site Specific QA Plan Submitted: ☐ No ☒ Yes	Title: Residential Well Sampling QA/QC Work Plan	**Date Approved:** ???	
EPA Project Leader: Rich Fetzer	Phone#: 215-341-6307	Cell Phone #: 215-341-6307	E-mail: rfetzer@epa.gov
Request Preparer: Gene Nance	Phone#: 740-867-0968	Cell Phone #: 304-830-1442	E-mail:
Site Leader: Suddha Graves	Phone#: 304-230-1230	Cell Phone #: 304-830-1441	E-mail:
Contractor: TechLaw, Inc.		EPA CO/PO: Denise T. Jones/Karen Esposito	

#Samples 71	Matrix: drinking water	Parameter: Total Metals; ICP-AES (Ca*, Fe, K, Mg*, Na)	Method: 200.7/200.8
#Samples 71	Matrix: drinking water	Parameter: Total Metals; CLP TAL; ICP-MS + Li	Method: 200.8
#Samples 71	Matrix: drinking water	Parameter: Total Mercury	Method: 245.1
#Samples 71	Matrix: drinking water	Parameter: Dissolved Metals; ICP-AES (Ca*, Fe, K, Mg*, Na)	Method: 200.7/200.8
#Samples 71	Matrix: drinking water	Parameter: Dissolved Metals; CLP TAL; ICP-MS + Li	Method: 200.8
#Samples 71	Matrix: drinking water	Parameter: Dissolved Mercury	Method: 245.1
#Samples 71	Matrix: drinking water	Parameter: TDS	Method: 2540C
#Samples 71	Matrix: drinking water	Parameter: TSS	Method: 2540D
#Samples 71	Matrix: drinking water	Parameter: Anions -- Sulfate, Chloride, Bromide, Fluoride, Ortho-phosphorus, nitrite/nitrate	Method: 300.0
#Samples 71	Matrix: drinking water	Parameter: Nitrate+Nitrite combined	Method: 353.2
#Samples 71	Matrix: drinking water	Parameter: Total nitrogen	Method: 353.2
#Samples 71	Matrix: drinking water	Parameter: Total P	Method: 365.4
#Samples 71	Matrix: drinking water	Parameter: hardness	Method: 2340B
#Samples 71	Matrix: drinking water	Parameter: carbonate and bicarbonate alkalinities	Method: SM2320B
#Samples 71	Matrix: drinking water	Parameter: oil and grease	Method: 1664A
#Samples 71	Matrix: drinking water	Parameter: Alcohols: methanol, ethanol, propanol, 1-butanol, 2-butanol	Method: 8015D

#Samples 71	Matrix: drinking water	Parameter: Gylcols + 2-Butoxyethanol	Method: Method 8321M
#Samples 71	Matrix drinking water	Parameter: VOC + acrylonitrile +TICs + 2-methoxyethanol	Method: CLP OLC03.2
#Samples 71	Matrix: drinking water	Parameter: SVOC + TICs + 2-methoxyethanol + 1-methylnapthalene	Method: CLP OLC03.2
#Samples 71	Matrix: drinking water	Parameter: ethylene glycol	Method: 8015D

Ship Date From: Jan 10, 2012	Ship Date To: Jan 20, 2012	Org. Validation Level M3	Inorg. Validation Level IM2

Unvalidated Data Requested: ☒ No ☐ Yes If Yes, TAT Needed: ☐ 24hrs ☐ 48hrs ☐ 72hrs ☒ 7days ☐ Other (Specify) 5 DAY PRs

Validated Data Package Due: ☐ 14 days ☐21 days ☒ 35 days ☐ 42 days ☐ Other (Specify)

Electronic Data Deliverables Required: ☐ No ☒ Yes (EDDs will be provided in Region 3 EDD Format) if available

Special Instructions: **TICs required for VOC and SVOC analysis.**
Samples will be screened for orthophosphorus and based on screening results -- samples will be analyzed for Total Phosphorus.
Request Preliminary Results (PRs) or expedited TATs for the following parameters, if feasible: bis(2-ethylhexyl)phthalate (SVOCs); 2-methoxyethanol; ethylene glycol; triethylene glycol and diethylene glycol (glycols analysis); and Al, As, Li, Mn, Na, and Fe (total metals analysis).

FORM ARF- 03/05

To summarize, a 5-day TAT for preliminary results is desired/requested for the following compounds/analytes:

- Methane, ethane, ethene (RSK-175);
- bis(2-ethylhexyl) phthalate (DEHP) (part of SVOC analysis by OLC03.2);
- aluminum, arsenic, lithium, manganese, sodium, iron (part of total metals analysis);
- 2-methoxyethanol (Ethylene glycol monomethyl ether);
- ethylene glycol; and
- triethylene glycol, and 2,2'oxybisethanol (diethylene glycol).