Dimock Groundwater Site – Summary of Lab Efforts

1/25/2012

Analytical Parameters

See Table 1 in SAP for specific information on methods.

R3 lab – Metals, VOAs, SVOCs, Anions, TP, NO2/NO3, TDS/TSS, Glycols (except ethylene glycol), Alcohols, O&G

R9 lab – GRO/DRO, dissolved gases (methane/ethane/ethane; butane& propane presence/absence)

R2 lab – MBAS; backup SVOCs

R1 lab – backup SVOCs; R10 – also available as backups; R5/R6 tech assistance on glycols

NAREL – Rad

Techlaw/T4 – micro, ISOTECH methods, glycols by 8015 (including ethylene glycol) - all data sent to ESC for validation

Sample Shipment/COCs

First shipment of samples received today (samples from 1/23). See below for discrepancies between samples received and expected.

TechLaw will send COC to R3 day of sampling – R3 will forward to R9 and R2; daily conference call will be held with Stevie and on-site Sample Coordinator (time TBD). FedX Tracking numbers will be sent each day of shipment. Efforts underway to ensure samples will be shipped by FedX on same day as collection. Critical for short HT and quick TAT needs.

In order to reduce tracking numbers, the CT# will be used in lieu of the DAS numbers for the COCs and Sample tags. Individual DAS numbers will be used for internal purposes only for this project.

Status of Sampling

Sampling schedule for week of 1/23 (totals do not include QC field samples):

Sampling	Total	Shipment to Labs
Monday	1 samples	Receive 1/25 (Micro samples from 1/23 & 1/24 received 1/25)
Tuesday	4 samples	Expected 1/26
Wednesday	6 samples	Thursday (reduced sampling effort)
Thursday	8 samples	Friday
Friday	8 samples	Saturday (verifying Saturday delivery. NAREL, R9 & R2)

Sampling Summary from 1/25/12:

R3 – Missing VOCs and dissolved metals for HW-1.

List of parameters received:
Sample Assignment Memo for: Dimock Residential Groundwater; DAS R33907; WO#1201013

Parameter(s)	Matrix	Number of Samples	pH	Analyst	Location
Alcohols	AQ	2	-	AM	EPA #3 shelf 8C
Anions	AQ	2	7	RA	EPA #3 shelf 8C
Glycols	AQ	2	-	JG	Analyst
Nitrite+Nitrate	AQ	1	2	JC	EPA #3 shelf 8C
Oil & Grease	AQ	2	2	RA/JC	EPA #3 shelf 8C
SVOCs	AQ	1	7	EG/KP	Analyst
TDS	AQ	1	7	JC	EPA #3 shelf 8C
TSS	AQ	1	7	JC	EPA #3 shelf 8C
Mercury	AQ	3	2	SG	Analyst
Metals	AQ	3	2	RC/JD	Analyst
Total Nitrogen	AQ	1	2	JC	EPA #3 shelf 8C
Total Phos	AQ	1	2	RA/JC	EPA #3 shelf 8C

R2 – Received samples for MBAS sampled on 1/23. HT for MBAS is 48 hours.

R9 – No samples shipped to Region 9 (DRO/GRO & Dissolved Gases)

Dissolved gases has 7 day TAT; DRO/GRO has 14 day TAT

NAREL – samples being held to ship in one cooler for multiple days

Other:

No FB or FB01 for SVOCs, TDS, TSS, Nitrate/Nitrite, Total P

Sample container for O&G incorrect

Shipping Issues as of 1/25

R3 received a partial shipment from samples collected on 1/23. See below for specific list.

Missing VOCs, SVOCs, and dissolvedmetals