

**Bratcher, Mike, EMNRD**

**From:** Amber Cannon [ACannon@yatespetroleum.com]  
**Sent:** Thursday, May 31, 2012 8:14 AM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Bob Asher  
**Subject:** Achen Frey DM Battery

Mike,

Below are all the analytical results for the Achen Frey DM Battery. The most recent samples taken are noted in the bottom table. It appears that the S1-8 results of high TPH/BTEX could have been a result of cross contamination as both constituents were cleaning up at S1-6 and S1-7 and came back as Non Detect at S1-9 and S1-10, as we talked about last week in your office. Based on these newest results, would you accept closure of this site?

**Achen Frey DM Battery**

Analytical Report-H200474	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides	
S1-1	Release Area	3/28/2012	Grab	1'	539.8	11200	13200	24400	11,800	Excavated
S1-2	Release Area	3/28/2012	Grab	2'	162.71	4220	5410	9630	10,000	Excavated
S2-1	Release Area	3/28/2012	Grab	1'	ND	14.7	1800	1814.7	336	
S2-2	Release Area	3/28/2012	Grab	2'	ND	ND	292	292	352	
S3-1	Release Area	3/28/2012	Grab	1'	0.345	37.3	268	305.3	464	
S3-2	Release Area	3/28/2012	Grab	2'	0.071	13.8	140	153.8	608	
S4-1	Release Area	3/28/2012	Grab	1'	1.235	44.5	306	350.5	3,680	Excavated
S4-2	Release Area	3/28/2012	Grab	2'	5.418	444	710	1154	7,860	Excavated

Analytical Report-H200474	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides	
S1-4	Release Area	4/10/2012	Grab	4'	109.29	1770	3660	5430	4,000	Excavated
S1-5	Release Area	4/10/2012	Grab	5'	118.11	1320	2480	3800	2,240	Excavated
WT-1	Release Area	4/10/2012	Grab	1'	0.21	ND	ND	ND	1,100	

GLH-5	Release Area	4/10/2012	Grab	5'	30.71	343	6090	6933	1,070
GLH-6	Release Area	4/10/2012	Grab	6'	2,011	ND	531	531	1,600
S4-4	Release Area	4/10/2012	Grab	4'	24.716	304	662	966	3,360
S4-5	Release Area	4/10/2012	Grab	5'	28.031	ND	217	217	2,320

Excavated

Analytical Report- H201015	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
S1-6	Release Area	4/30/2012	Grab	6'	31.858	163	462	625	2,000
S1-7	Release Area	4/30/2012	Grab	7'	20.65	132	406	538	1,310
S1-8	Release Area	4/30/2012	Grab	8'	55.22	501	1150	1651	1,580

Analytical Report- H201180	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
S1-9	Release Area	4/30/2012	Grab	9'	ND	ND	ND	ND	1,920
S1-10	Release Area	4/30/2012	Grab	10'	ND	ND	ND	ND	736
S4-6	Release Area	4/30/2012	Grab	8'	N/A	N/A	N/A	N/A	464

Site Ranking is ZERO (0). Depth to Ground Water >100' (approx. 135', Section 14-17S-25E, per NMOSE).

All results are ppm. Chlorides for documentation.

Released: 35 B/PW, 11 B/O; Recovered: 30 B/PW, 11 B/O. Release Date: 3/20/2012

Thanks!

## Amber Cannon

Environmental Regulatory Agent

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