



June 12, 2012

Mr. Carlos Lujan
Colorado Oil & Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, Co. 80203

RE: Merit Caesar 4-11, Facility 244797, SESW Sec11 T5N R65W, API 05-123-12592.

Mr. Lujan,

As requested by the COGCC, Mahoney Environmental Consulting Inc. (MEC) on behalf of Merit re-sampled the accessible temporary wells at the tank battery site.

The sampling was performed on May 21, 2012. The wells were purged and developed on May 20th. The sampling was performed on the 21st to allow the well to re-stabilize.

Monitoring wells MW1, MW2, MW4, and MW 5 had been destroyed and were therefore not accessible for re-sampling.

The five remaining sampling points included MW3, RM1, RM2, RM3, and RM4. MW3 is considered the downgradient sampling point at the site. RM1, RM2, RM3 and RM4 are all located at the storage tank area, where the original release had been discovered.

The samples collected were analyzed for BTEX compounds. All of the samples results were non-detect, except for RM3.

The benzene concentration level found in the RM3 samples was 2.4 micrograms per liter (ug/L) which is below the regulatory 5 ug/L guideline.

Based on the results of the sampling, MEC Inc. on behalf of Merit requests a 'Closure – No Further Action' status for this release incident at the site.

If you have any questions or comments, please contact me at 970-381-5951.

Thank you

John Mahoney

**MERIT CAESAR 4-11,
SUMMARY OF GROUNDWATER LABORATORY RESULTS
through May 2012**

Sample Number	Date	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Xylenes (µg/l)	Total Bacteria Count	pH	Conductivity	Dissolve Oxygen	Rationale
										REMEDIATION SAMPLING
RM1 (west)	6/25/07	1420	1280	1130	955					Buried Perf Remediation Piping, west side
	9/11/07	NA	NA	NA	NA					Water level below pipe, no sample recovered
	5/21/12	ND	ND	ND	ND		7.1	1.1	NA	Water sample clear, no odor
RM2 (south)	6/25/07	182	328	21.7	395					Buried Perf Remediation Piping, south side
	9/11/07	177	ND	15.7	6.6	530000	6.06	2.4	<0.1	Sampling prior to groundwater treatment
	10/11/07	285	372	31.9	231.6	21000000	6.48	14.5	<0.5	Sampling 1 month after treatment
	5/21/12	ND	ND	ND	ND		7.2	1237	NA	Water sample clear, no odor
RM3 (center)	6/25/07	ND	ND	ND	ND					Buried Perf Remediation Piping, between vault and tank
	9/11/07	ND	ND	ND	ND	120000	6.76	1.75	1.0	Sampling prior to groundwater treatment
	10/11/07	21.1	15.4	18.7	12.6	90000	6.63	13.0	<0.5	Sampling 1 month after treatment
	5/21/12	2.4	ND	ND	ND		6.8	923	NA	Water sample clear, no odor
RM4 (north)	6/25/07	ND	ND	ND	ND					Buried Perf Remediation Piping, north side
	9/11/07	ND	ND	ND	ND	250000	6.63	1.5	0.8	Sampling prior to groundwater treatment
	10/11/07	60.5	132	10.2	33.1	2900000	6.23	22.5	<0.5	Sampling 1 month after treatment
	5/21/12	ND	ND	ND	ND		7.1	1058	NA	Water sample clear, no odor
MW1	10/29/07	ND	ND	ND	ND					North well west side along road, well destroyed
MW2	10/29/07	ND	ND	ND	ND					Center well west side along road, well destroyed
MW3	10/29/07	ND	ND	ND	ND					South well west side along road
	5/21/12	ND	ND	ND	ND		7.0	1246	NA	Water sample clear, no odor, downgradient point
MW4	10/29/07	ND	ND	ND	ND					Well south of tank battery, well destroyed
MW5	10/29/07	ND	ND	ND	ND					West well west side of tank battery, well destroyed

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory by: By: (Signature)	Date	Time
Method of shipment:					

Sampling procedures can affect the value of analytical results - customers are advised to use appropriate sampling protocol to insure samples are truly representative of the bulk sample.

June 7, 2012

Mahoney Environmental Consulting, Inc.
1601 10th Ave.
Greeley, CO 80631

Project: Merit Ceasar 4-11

Laboratory No.: E12142-6


Method EPA 602/SW8020 A, EPA 624/SW8015 and SW8260

Sample ID	Date Sampled	Date Analyzed	Benzene	Toluene	Ethyl-benzene	o,p-Xylene	m-Xylene	Surrogate Recovery
			ug/L	ug/L	ug/L	ug/L	ug/L	%
MW 3	05/21/12	05/26/12	U	U	U	U	U	109
RM 1	05/21/12	05/26/12	U	U	U	U	U	92.9
RM 2	05/21/12	05/26/12	U	U	U	U	U	80.5
RM 3	05/21/12	05/26/12	2.4	U	U	U	U	84.9
RM 4	05/21/12	05/26/12	U	U	U	U	U	90.0

Reporting Limit: 0.4 0.4 0.4 0.4 0.4 QC Limits: 74-147

U=Compound analyzed for but not detected

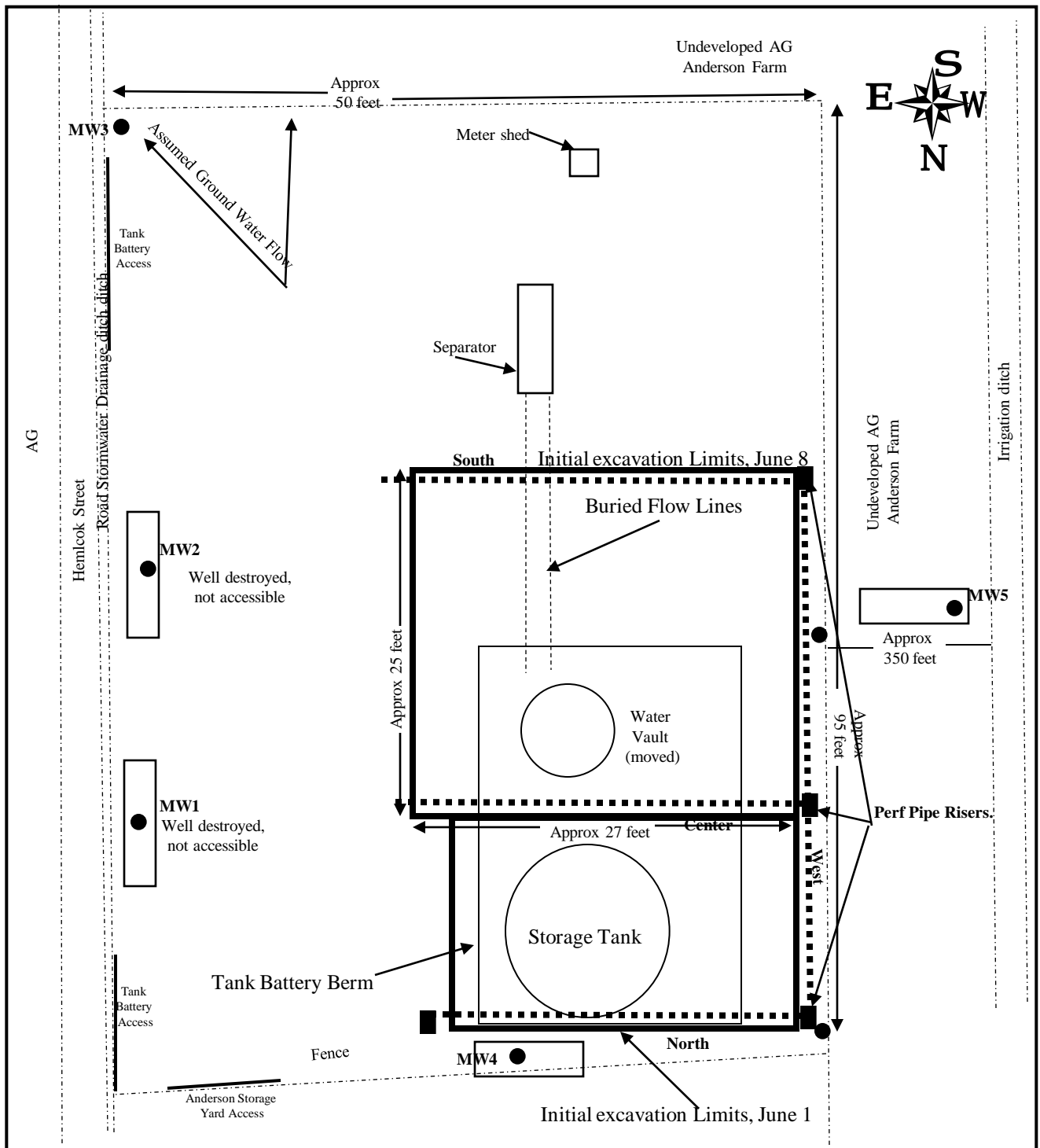
J=Compound detected at a level below reporting limit.


Project Manager

6/7/12
Date

WELD LABORATORIES, INC.

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CAESAR 4-11 MONITORING WELLS SESW S11, T5N, R65W

**** Perforated Piping: Placed on gravel base at water level or slightly (few inches) above water level.
Piping can be covered with silt sock to prevent clogging

Please note reversed directional figure illustration, i.e. North and South
May 2012

MAHONEY ENVIRONMENTAL CONSULTING, INC.
1601 10th AVENUE, GREELEY, CO 80631
(970) 352-2644 (TEL) (888)-219-5357 (FAX)

Project No: 2007.017

Boundaries are approximate,
Not to Scale