11-2-2009

Site Monitoring Report
Former B & D Texaco
Walcott, Iowa
LUST No. 8LTG01 – Registration No. 8607934
Terracon Project No. 07097041

October 26, 2009

Prepared for:

Quint Cities Petroleum Properties Co.
Davenport, Iowa

Prepared by:

TERRACON
Bettendorf, Iowa

38914 OCT30'09 PM 4:14

Terracon

Terracon

October 26, 2009

Quint Cities Petroleum Properties Co.
4905 Woodland Avenue
Davenport, IA 52807

Attn: Mr. Jim Low

Re: 2009 Site Monitoring Report
Former B & D Texaco
107 Walcott Road
Walcott, Iowa
LUST No. 8LTG01 – Registration No. 8607934
Terracon Project No. 07097041

Dear Mr. Low:

Terracon has completed the 2009 Site Monitoring Report of the above-referenced property. Our observations concerning the monitoring of environmental conditions at the site are contained in this report and the attached appendices. The site will remain classified Low Risk. Annual groundwater monitoring must be continued until the concentrations are less than the site specific target level.

Enclosed are three copies of the Site Monitoring Report and an extra signature page for the above-referenced site. Your signature is required at the locations indicated by the tabs on each document. After signing and dating each report, please forward one copy of the report, along with the enclosed computer disk, to the IDNR and one copy to GAB Robins at the addresses listed below.

Iowa Department of Natural Resources – UST Section
Wallace State Office Building
900 East Grand Avenue
Des Moines, Iowa 50319
Attention: Verne Schrunk

GAB Robins
2600 72nd Street
Suite A
Des Moines, Iowa 50322

We appreciate this opportunity to be of service to you on this project. Should you have any questions concerning the contents of this report, or if we may be of further service to you in any way, please contact us (563) 355-0702.

Sincerely,
TERRACON

John F. Brimeyer, PE, CGP
Environmental Manager

SAK/JFB/sk1
N:\Projects\2009\07097041\Smr09.doc

cc: Addressees (2)

IDNR

Site Monitoring Report for
Leaking Underground Storage Tank Sites
Iowa Department of Natural Resources

IDNR

SITE IDENTIFICATION

LUST No.	8LTG01	**UST Registration No.**	8607934

Site Name:	Former B & D Texaco
Site Address:	107 Walcott Road
City:	Walcott

RESPONSIBLE PARTY IDENTIFICATION

Name:	Quint Cities Petroleum Properties Co. (Jim Low)		Phone #: 563-359-5810
Street:	4905 Woodland		
City:	Davenport	State: IA	Zip Code: 52807

Type of Monitoring: [X] Low Risk [ ] High Risk: Interim [ ] Exempt Granular Bedrock

Is site reclassification recommended? Yes (No) If yes, what classification? [ ] NAR [ ] low risk [ ] high risk

STATEMENT OF CERTIFICATION

I, John F. Brimeyer , Groundwater Professional Certification No. 1585 , am familar with all applicable requirements of Iowa Code § 455B.474 and all rules and procedures adopted thereunder including, but not limited to, Chapter 567-135 and the Department of Natural Resources' Site Monitoring Report guidance. Based on my knowledge of those documents and information I have prepared and reviewed regarding this site, UST Registration No. 8607934 , LUST No. 8LTG01 , I certify that this document is complete and accurate as provided in 567 IAC 135.9(11)"c" and meets the applicable requirements of the Site Monitoring Report.

Print: Name/Address/Phone # of Certified Groundwater Professional

John F. Brimeyer
Terracon
870 40th Avenue
Bettendorf, IA 52722

Signature: John F Brimeyer
Phone #: 563-355-0702
Date: 10/26/09

I certify that I have reviewed this document, appendices and attachments for submittal to the Iowa Department of Natural Resources.

Quint Cities Petroleum Properties Co. (Jim Low)
Print: Name of Responsible Party

Quint Cities Petroleum Properties Co.
By: Jim Low, VP
Signature - Responsible Party

Official IDNR Use Only

Date Received:	10-30-09	Comment Letter Date:	
Reviewer:		Approved:	Y / N

Site Monitoring Report Checklist

This checklist is for Site Monitoring Reports prepared using Tier 2 software-version 2.51 and later, and applies to the following types of monitoring: **Low risk or High risk: Interim at non-bedrock and exempt granular bedrock sites.** Indicate with "NA" those sections of the report which are not included because they do not apply to site-specific conditions.

REPORT BODY: **Page Number**

[X] Cover sheet ____ 1
[X] SMR checklist page ____ 2
[X] Receptor summary tables ____ 3,4,5
[X] Potential receptor summary ____ 6
[X] Receptor status change ____ 7
[X] Site reclassification ____ 7
[X] Groundwater analytical data ____ 8
[ ] Soil analytical data ____ 9
[ ] Soil gas analytical data ____ 10
[ ] Soil SSTL tables ____ 11
[X] Groundwater / Soil Leaching monitoring plan summary ____ 12
[ ] Soil gas monitoring plan summary ____ 13
[ ] Soil Gas Samples at Tier 2 Soil Sources ____ 15
[ ] Soil Gas Samples at Tier 2 Groundwater Sources ____ 16
[ ] Corrections to Tier 2 Deficiencies Included ____ 17

APPENDICES:

[X] 1. Evaluation of analytical data
[X] 2. Site plan map
[X] 3. Site vicinity map
[X] 4. Soil summary corrective action map
[ ] 5. Soil contamination / soil gas map(s)
[X] 6. Groundwater summary corrective action map
[X] 7. Groundwater monitoring results map
[X] 8. Groundwater contamination map (from SMR software)
[X] 9. Groundwater flow direction map
[X] 10. Analytical data sheets
[ ] 11. Boring Logs / monitoring well construction diagrams
[X] 12. Documentation
[ ] 13. Best management practices (Initial SMR only)

[X] Computer Disk

SMR, GROUNDWATER SOURCE, RECEPTOR SUMMARY TABLE

	B	T	E	X	D	W
SMR, SOIL GAS AT GW SOURCE, USER				--		--
SOIL GAS AT GW SOURCE, DATA	PASS	PASS	NS	--	N/A	--

Type	Receptor	Tier 2 Risk	Last Risk	T2(*) or Computed Risk Group1 B	T	E	X	TEH D	W	Corr. Action Taken?	Corrective Action(s) Completed	Current Risk
PGWS	No-IC	L	L	L	N*	N*	N*	NSC	NSC	N		L
PGWS	IC	L	L	L	N*	N*	N*	NSC	NSC	N		L

N: no action required, L: low risk, H: high risk, N/A: not applicable, NSC: No source concentration, N(SG): Passed soil gas at SMR.
PE: Tier 2 preliminary pathway evaluation result. *: Risk shown is Tier 2 risk classification. Not sufficient data for risk reclassification or risk reclassification criteria for N, L or H have not been met.

Corrective Actions:
1. Plugged drinking water wells
2. Plugged non-drinking water wells
3. Notified IDNR Water Supply Section
4. Notified designated county authority
5. Notified sanitary sewer public authority
6. Notified utility company-plastic water line
7. Relocated plastic water lines
8. Replaced plastic water lines
9. Established institutional controls
10. Conducted soil excavation
11. Cleared with soil gas
12. Zoning
13. For actual PWL, GW > 3 feet

Potential Receptor Summary **SMR,V-2.51, 8LTG01**

Surveys for new, removed, and replaced receptors must be conducted within the larger area of either 1) the receptor identification plume for the appropriate receptor type; or 2) the receptor-specific distance listed in brackets below.

Receptor questions	Yes/ No	Contact Name/Company Name/ Complete Address	Contact Phone #	Date
New drinking water well(s)? [1,000']	No	Scott A. Kerr Terracon Consultants 870 40th Avenuel Bettendorf, Iowa, 52722	563 355-0702	10/05/2008
New non-drinking water well(s)? [1,000']	No	Scott A. Kerr Terracon Consultants 870 40th Avenuel Bettendorf, Iowa, 52722	563 355-0702	10/05/2008
Plugged drinking water well(s)? [1,000']	No	Scott A. Kerr Terracon Consultants 870 40th Avenuel Bettendorf, Iowa, 52722	563 355-0702	10/01/2008
Plugged non-drinking water well(s)? [1,000']	No	Scott A. Kerr Terracon Consultants 870 40th Avenuel Bettendorf, Iowa, 52722	563 355-0702	10/05/2008
New plastic water lines(s)? [200']	No	John Brockman City of Walcott 128 W. Lincoln Walcott, Iowa, 52773	563 284-6571	10/22/2008
Replaced or relocated plastic water line(s)? [200']	No	John Brockman City of Walcott 128 W. Lincoln Walcott, Iowa, 52773	563 284-6571	10/221/2008
New sanitary sewer(s)? [200']	No	John Brockman City of Walcott 128 W. Lincoln Walcott, Iowa, 52773	563 284-6571	10/22/2008
Replaced or relocated sanitary sewer(s)? [200']	No	John Brockman City of Walcott 128 W. Lincoln Walcott, Iowa, 52773	563 284-6571	10/22/2008
New building(s) with basements? [200']	No	Jay Fegley Terracon Consultants 870 40th Avenue Bettendorf, Iowa, 52722	563 355-0702	09/10/2009
Building(s) with basement(s) removed? [200']	No	Jay Fegley Terracon Consultants 870 40th Avenue Bettendorf, Iowa, 52722	563 355-0702	09/10/2009
Zoning changes? [200']	No	John Brockman City of Walcott 128 W. Lincoln Walcott, Iowa, 52773	563 284-6571	10/22/2008

Receptors: Status change	**SMR,V-2.51, 8LTG01**
List and describe all receptors whose status has changed since the previous receptor evaluation (e.g. Private Well A was plugged/water supply notification form was sent to the proper authorities; new hourses were built; etc.).	

Site Reclassification	**SMR,V-2.51, 8LTG01**
Should the site be reclassified? [X] No [ ] Yes If yes, the site should be reclassified as: [ ] High Risk [ ] Low Risk [ ] No Action Required	
If reclassification is recommended, provide the justification for reclassification and provide all necessary documentation in Appendix 12.	

SMR Groundwater Analytical Data (ug/L), V-2.51, 8LTG01													
Boring / Well #	Date Sampled	Elevations (ASL)				Group 1				Group 2		FP Type	FP Default?
		Ground	TOC	TOS	SWL	B	T	E	X	TEH-D	TEH-WO		
MW4	08/18/1992	99.69	N	92.69	94.03	4,080.	4,590.	1,760.	7,230.	N	N	G	N
MW4D	08/18/1992	99.69	N	92.69	94.03	3,230.	2,790.	930.	4,350.	N	N	N	N
MW4	10/09/1994	99.69	N	92.69	89.32	2,820.	1,820.	745.	4,180.	N	N	N	N
MW4D	10/09/1994	99.69	N	92.69	89.93	2,680.	1,630.	665.	3,820.	N	N	N	N
MW4	02/08/1995	99.69	N	92.69	91.67	N	N	N	N	N	N	N	N
MW4	11/11/1997	99.69	N	92.69	N	2,180.	765.	226.	3,700.	N	N	N	N
MW4	06/28/1999	99.69	N	92.69	94.88	4,220.	2,630.	531.	3,810.	N	N	N	N
MW4	09/13/2000	99.51	99.09	N	93.48	1,250.	1,240.	402.	3,760.	N	N	N	N
MW4	07/25/2001	99.51	99.09	N	93.98	2,410.	2,630.	2,540.	9,690.	N	N	N	N
MW4	09/04/2002	99.51	99.09	N	94.29	723.	1,110.	577.	3,500.	N	N	N	N
MW4	08/21/2003	99.51	99.09	N	92.24	730.	700.	510.	2,750.	N	N	N	N
MW4	08/21/2003	99.51	99.09	N	92.24	~~660.~~	~~670.~~	~~490.~~	~~2,670.~~	~~N~~	~~N~~	N	N
MW4	09/24/2004	99.51	99.09	N	91.70	677.	469.	479.	2,590.	N	N	N	N
MW4	09/03/2005	99.51	99.09	N	88.40	860.	370.	580.	2,810.	N	N	U	N
MW4	10/10/2006	99.51	99.09	N	87.87	1,770.	3,370.	7,390.	39,100.	N	N	U	N
MW4	09/19/2007	99.51	99.09	N	94.19	844.	633.	812.	4,240.	N	N	N	N
MW4	09/03/2008	99.51	99.09	N	93.61	651.	459.	646.	3,080.	N	N	N	N
MW4	09/11/2009	99.51	99.09	N	94.94	1,510.	646.	717.	4,210.	N	N	N	N
MW15	10/30/1992	99.12	N	97.12	93.66	13.	5.	<5.	<15.	N	N	N	N
MW15R	10/13/2000	98.60	98.27	95.77	92.27	<2.	<2.	<2.	<5.	N	N	N	N
MW15R	07/25/2001	98.60	98.27	95.77	92.97	<2.	<2.	<2.	<2.	N	N	N	N
MW15R	09/04/2002	98.60	98.27	95.77	93.27	<2.	<2.	<2.	<3.	N	N	N	N
MW15R	08/21/2003	98.60	98.27	95.77	91.32	15.3	<10.	<10.	<20.	N	N	N	N
MW15R	09/24/2004	98.60	98.27	95.77	90.52	50.1	5.5	3.	4.	N	N	N	N
MW15R	09/24/2004	98.60	98.27	95.77	90.52	47.8	5.4	2.9	5.1	N	N	N	N
MW15R	09/03/2005	98.60	98.27	95.77	87.75	26.5	<2.	4.2	4.4	N	N	N	N
MW15R	10/10/2006	98.60	98.27	95.77	87.22	<1.	<1.	<1.	<3.	N	N	N	N
MW15R	09/19/2007	98.60	98.27	95.77	93.05	<1.	<1.	<1.	<3.	N	N	N	N
MW15R	09/03/2008	98.60	98.27	95.77	92.13	<2.	<2.	<2.	3.14	N	N	N	N
MW15R	09/11/2009	98.60	98.27	95.77	94.11	<2.	<2.	<2.	<3.	N	N	N	N
MW18	06/18/1993	99.00	N	97.72	97.00	<2.	<2.	<2.	<2.	N	N	N	N
MW18	06/23/1994	99.00	N	97.72	94.91	3.4	<2.	<2.	<2.	N	N	N	N
MW18	10/09/1994	99.00	N	97.72	95.65	<1.	<1.	<1.	<1.	N	N	N	N
MW18R	10/13/2000	99.30	98.89	96.39	93.63	61.	4.	7.	6.	N	N	N	N
MW18R	07/25/2001	99.30	98.89	96.39	94.24	<2.	<2.	<2.	<2.	N	N	N	N
MW18R	09/04/2002	99.30	98.89	96.39	94.48	<2.	<2.	<2.	<3.	N	N	N	N
MW18R	08/21/2003	99.30	98.89	96.39	92.88	<2.	<2.	<2.	<3.	N	N	N	N

SMR Groundwater Analytical Data (ug/L), V-2.51, 8LTG01														
Boring / Well #	Date Sampled	Elevations (ASL)				Group 1				Group 2		FP Type	FP Default?
		Ground	TOC	TOS	SWL	B	T	E	X	TEH-D	TEH-WO		
MW18R	09/24/2004	99.30	98.89	96.39	91.58	<2.	<2.	<2.	<3.	N	N	N	N
MW18R	09/03/2005	99.30	98.89	96.39	89.04	<2.	<2.	<2.	<3.	N	N	N	N
MW18R	10/10/2006	99.30	98.89	96.39	88.40	<1.	<1.	<1.	<3.	N	N	N	N
MW18R	09/19/2007	99.30	98.89	96.39	94.56	<1.	<1.	<1.	<3.	N	N	N	N
MW18R	09/03/2008	99.30	98.89	96.39	93.63	~~<2.~~	~~<2.~~	~~<2.~~	~~<3.~~	~~N~~	~~N~~	N	N
MW18RD	09/03/2008	99.30	98.89	96.39	93.63	4.69	4.08	12.8	68.	N	N	N	N
MW18R	09/11/2009	99.30	98.89	96.39	95.16	<2.	<2.	<2.	<3.	N	N	N	N
MW18RD	09/11/2009	99.30	98.89	96.39	95.16	~~<2.~~	~~<2.~~	~~<2.~~	~~<3.~~	~~N~~	~~N~~	N	N
MW25	12/01/1994	99.55	99.09	76.55	89.44	3.	<1.	<1.	<1.	N	N	N	N
MW25R	10/13/2000	99.20	98.75	93.75	93.51	291.	50.	173.	982.	N	N	N	N
MW25R	07/25/2001	99.20	98.75	93.75	93.99	849.	51.	217.	362.	N	N	N	N
MW25R	09/04/2002	99.20	98.75	93.75	94.30	514.	63.	137.	425.	N	N	N	N
MW25R	08/21/2003	99.20	98.75	93.75	92.28	810.	100.	200.	850.	N	N	N	N
MW25R	09/24/2004	99.20	98.75	93.75	91.76	1,460.	161.	338.	854.	N	N	N	N
MW25R	09/03/2005	99.20	98.75	93.75	88.28	730.	68.5	200.	290.	N	N	N	N
MW25R	10/10/2006	99.20	98.75	93.75	87.84	1,390.	132.	467.	1,580.	N	N	N	N
MW25RD	10/10/2006	99.20	98.75	93.75	87.84	~~1,340.~~	~~112.~~	~~437.~~	~~1,390.~~	N	N	N	N
MW25R	09/19/2007	99.20	98.75	93.75	94.50	~~1,300.~~	142.	~~432.~~	~~1,780.~~	N	N	N	N
MW25RD	09/19/2007	99.20	98.75	93.75	94.50	1,360.	~~129.~~	513.	2,340.	~~N~~	~~N~~	N	N
MW25R	09/03/2008	99.20	98.75	93.75	93.18	627.	69.7	180.	460.	N	N	N	N
MW25R	09/11/2009	99.20	98.75	93.75	94.74	1,400.	173.	409.	1,260.	N	N	N	N
TB10	08/13/1992	100.06	N	92.06	91.06	1,760.	369.	40.	279.	N	N	N	N
MW27	09/13/2000	100.43	99.95	94.95	92.64	5,930.	1,090.	451.	1,480.	N	N	N	N
MW27	10/13/2000	100.43	99.95	94.95	92.64	5,710.	1,240.	324.	1,660.	N	N	N	N
MW27	07/25/2001	100.43	99.95	94.95	93.36	1,450.	754.	159.	581.	N	N	N	N
MW27	09/04/2002	100.43	99.95	94.95	94.03	26.1	<2.	<2.	<3.	N	N	N	N
MW27	08/21/2003	100.43	99.95	94.95	91.60	3,420.	1,890.	630.	2,930.	N	N	N	N
MW27	09/24/2004	100.43	99.95	94.95	90.86	1,550.	158.	288.	697.	N	N	N	N
MW27	09/03/2005	100.43	99.95	94.95	83.45	3,320.	190.	490.	920.	N	N	N	N
MW27	10/10/2006	100.43	99.95	94.95	87.60	3,070.	53.8	344.	162.	N	N	N	N
MW27	09/19/2007	100.43	99.95	94.95	94.04	1.09	<1.	<1.	<3.	N	N	N	N
MW27	09/02/2008	100.43	99.95	94.95	92.98	29.8	2.64	4.6	6.7	N	N	N	N
MW27	09/10/2009	100.43	99.95	94.95	95.25	<2.	<2.	<2.	<3.	N	N	N	N

SMR, GROUNDWATER / SOIL LEACHING MONITORING PLAN SUMMARY and NFA GW/SL MONITORING RESULTS

MW	Most Recent Sample	SSTL	SSTL Met	Steady Decline/ 3 Year	Monitor Type(T2)	Receptor			Chem. Risk	Recept. Curr. Risk	Min. Freq.
						Type	Label	Description			
GW/SL MONITORING PLAN											
TB1 MW9	580										
		290	No	N/A	Int.E/Int.E	PGWS	No-IC		L	L	Once
		1,299	Yes	N/A	Int.E/Int.E	PGWS	IC		L	L	Once
MW4 MW4D	1,510										
		290	No	N/A	/Int.E	PGWS	No-IC		L	L	Once
		290	No	No	S	PGWS	No-IC		L	L	Annual
		290	No	No	/TG	PGWS	No-IC		L	L	Annual
		1,319	No	N/A	/Int.E	PGWS	IC		L	L	Once
		1,319	No	No	S	PGWS	IC		L	L	Annual
		290	No	Yes	SL	PGWS	No-IC		H		Annual
TB10 MW27	<2										
		290	Yes	N/A	Int.E/Int.E	PGWS	No-IC		L	L	Once
		290	Yes	No	/TG	PGWS	No-IC		L	L	Annual
		392	Yes	N/A	Int.E/Int.E	PGWS	IC		L	L	Once
MW7D MW7	359										
		290	No	N/A	Int.E/Int.E	PGWS	No-IC		L	L	Once
		1,337	Yes	N/A	Int.E/Int.E	PGWS	IC		L	L	Once
MW18 MW1	<2										
		290	Yes	No	TG/TG	PGWS	No-IC		L	L	Annual
MW15 MW1	<2										
		290	Yes	Yes	T-ML/T-ML	PGWS	No-IC		L	L	Annual
		290	Yes	Yes	/TG	PGWS	No-IC		L	L	Annual
		679	Yes	Yes	T-ML/T-ML	PGWS	IC		L	L	Annual
MW25 MW2	1,400										
		290	No	N/A	/Int.E	PGWS	No-IC		L	L	Once
		290	No	No	T-ML/T-ML	PGWS	No-IC		L	L	Annual
		290	No	No	/TG	PGWS	No-IC		L	L	Annual
		1,449	Yes	N/A	/Int.E	PGWS	IC		L	L	Once
MW26	1,180										
		290	No	N/A	Ext.E/Ext.E	PGWS	No-IC		L	L	Once
		290	No	N/A	Ext.E/Ext.E	PGWS	IC		L	L	Once
NFA GW/SL MONITORING RESULTS											

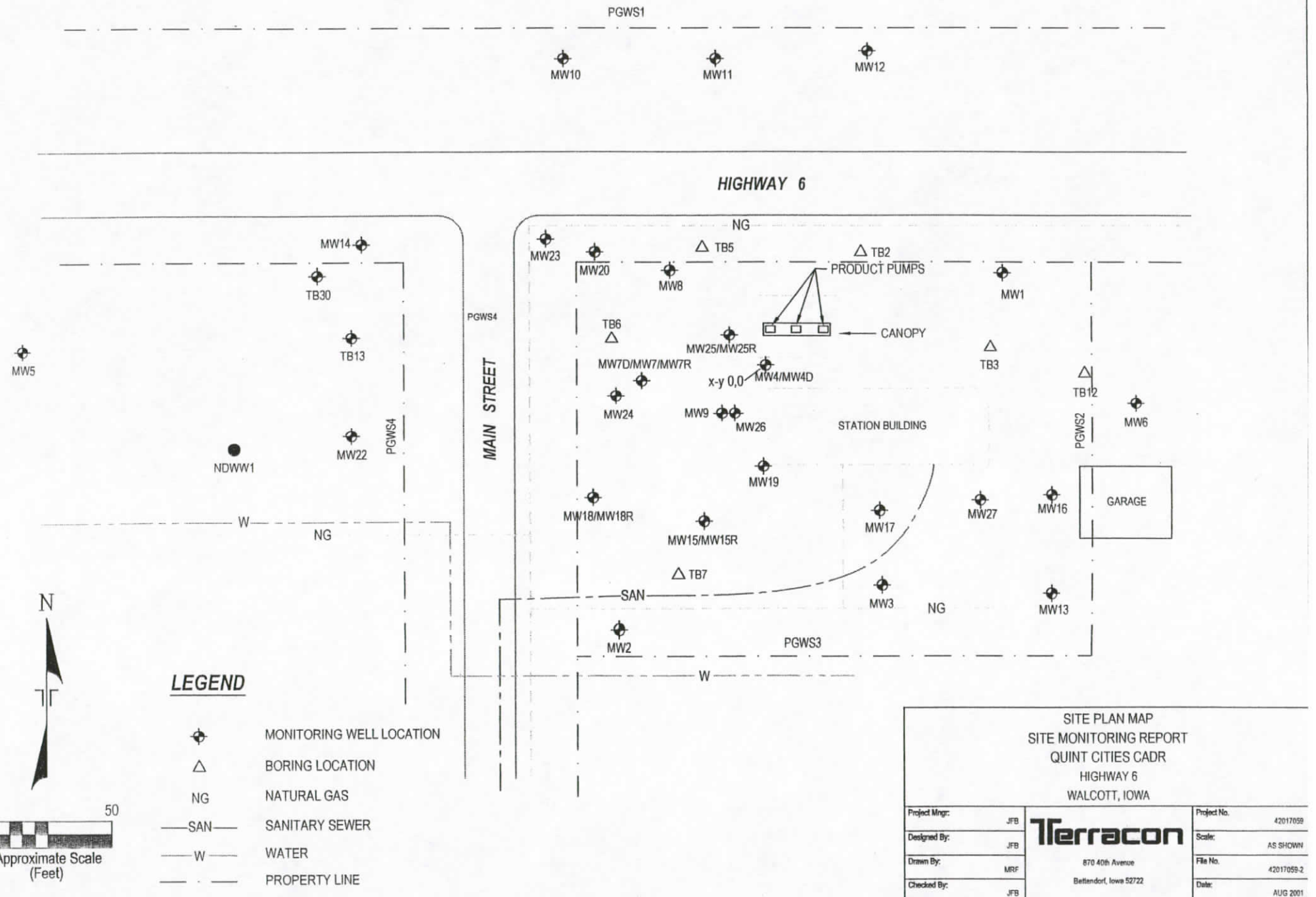
Evaluation of Analytical Data:

Reported BTEX concentrations for MW-4 increased with benzene increased from 651 micrograms per liter (µg/L) to 1,510 µg/L, toluene increased from 459 µg/L to 646 µg/L, ethylbenzene increased from 646 µg/L to 717 µg/L, and xylenes increased from 3,080 µg/L to 4,210 µg/L.

Reported BTEX concentrations in MW-25R increased with benzene increased from 627µg/L to 1,400 µg/L, toluene increased from 69.7 µg/L to 173 µg/L, ethylbenzene increased from 180 µg/L to 409 µg/L, and xylenes decreased from 460 µg/L to 1,260 µg/L.

Current concentrations do not exceed the Tier 2 source concentrations and do not exceed a simulation value. Reevaluation of the Tier 2 model is not required.

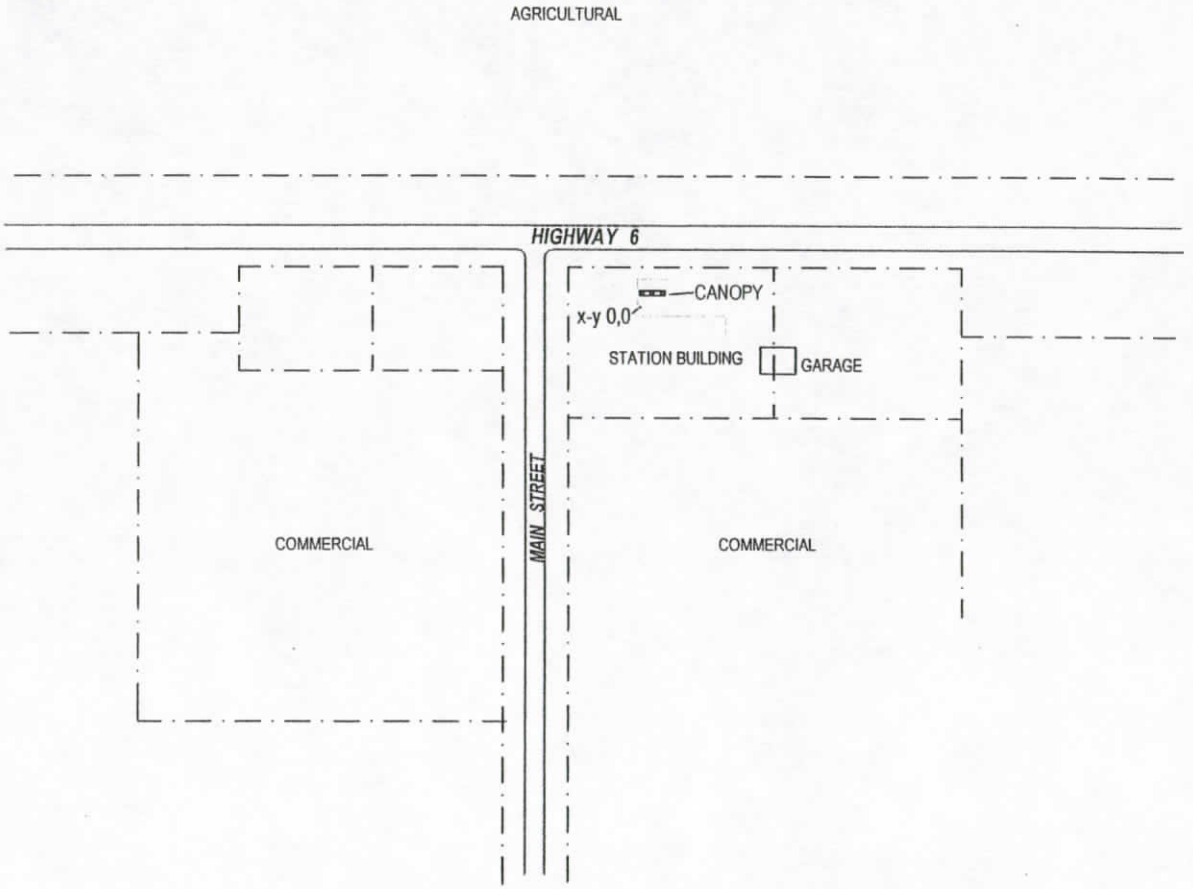
Reported BTEX concentrations in MW-15R, MW-18R, and MW-27 were below detection limits.



THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

SITE PLAN MAP
SITE MONITORING REPORT
QUINT CITIES CADR
HIGHWAY 6
WALCOTT, IOWA

Project Mngr: JFB	Terracon	Project No.	42017059
Designed By: JFB	870 40th Avenue	Scale:	AS SHOWN
Drawn By: MRF	Bettendorf, Iowa 52722	File No.	42017059-2
Checked By: JFB		Date:	AUG 2001
Approved By: JFB	Figure No.		2



N

0 200

Approximate Scale (Feet)

LEGEND

PROPERTY LINE

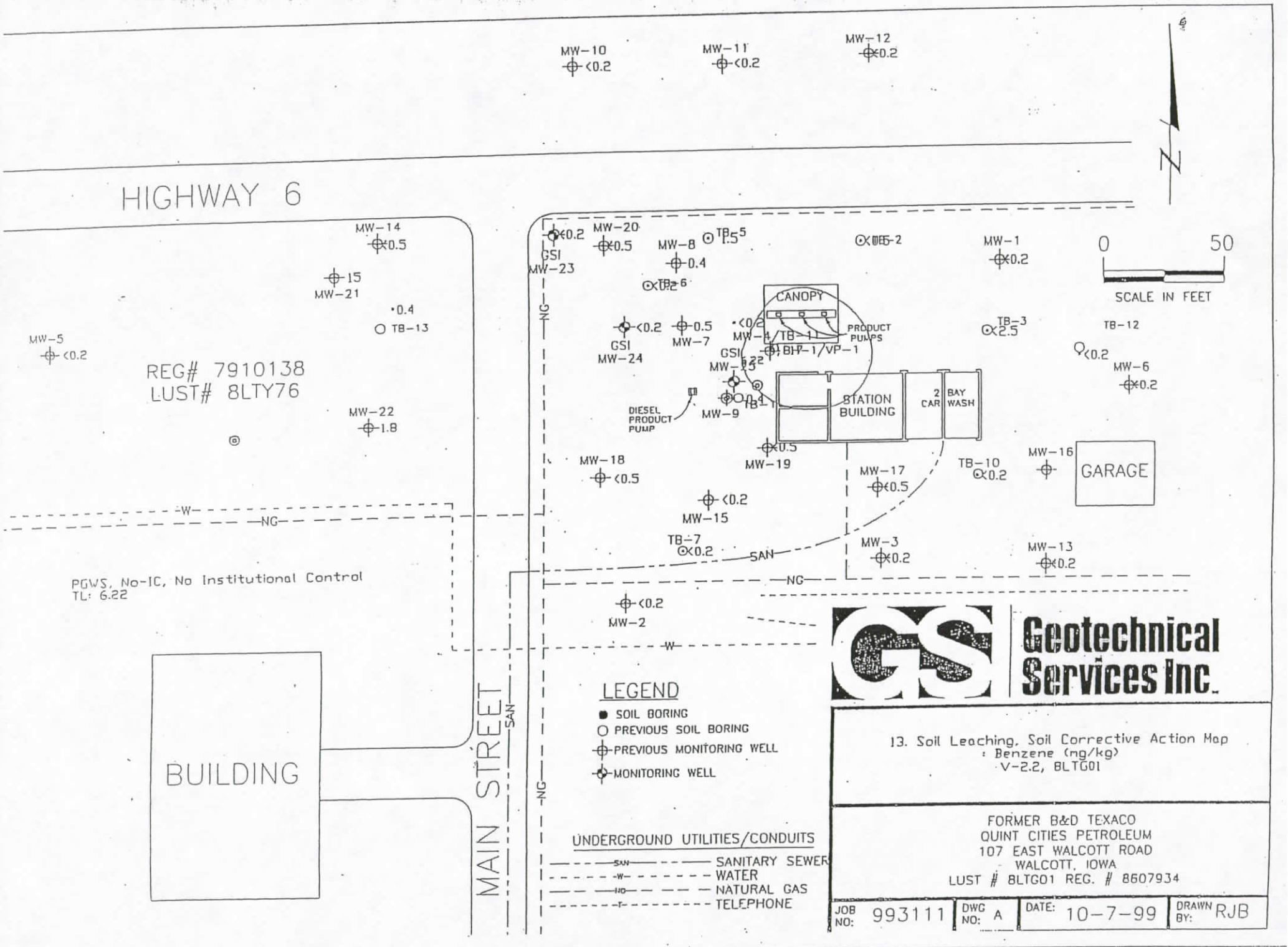
THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

SITE VICINITY MAP
SITE MONITORING REPORT
QUINT CITIES CADR
HIGHWAY 6
WALCOTT, IOWA

Project Mngr: JFB	Terracon	Project No.	42017059
Designed By: JFB	870 40th Avenue	Scale:	AS SHOWN
Drawn By: MRF	Bettendorf, Iowa 52722	File No.	42017059-3
Checked By: JFB		Date:	AUG 2001
Approved By: JFB	Figure No.		3

Attachment 4
Soil Summary Corrective Action Map

Copied from the Approved Tier 2 Report



Geotechnical Services Inc.

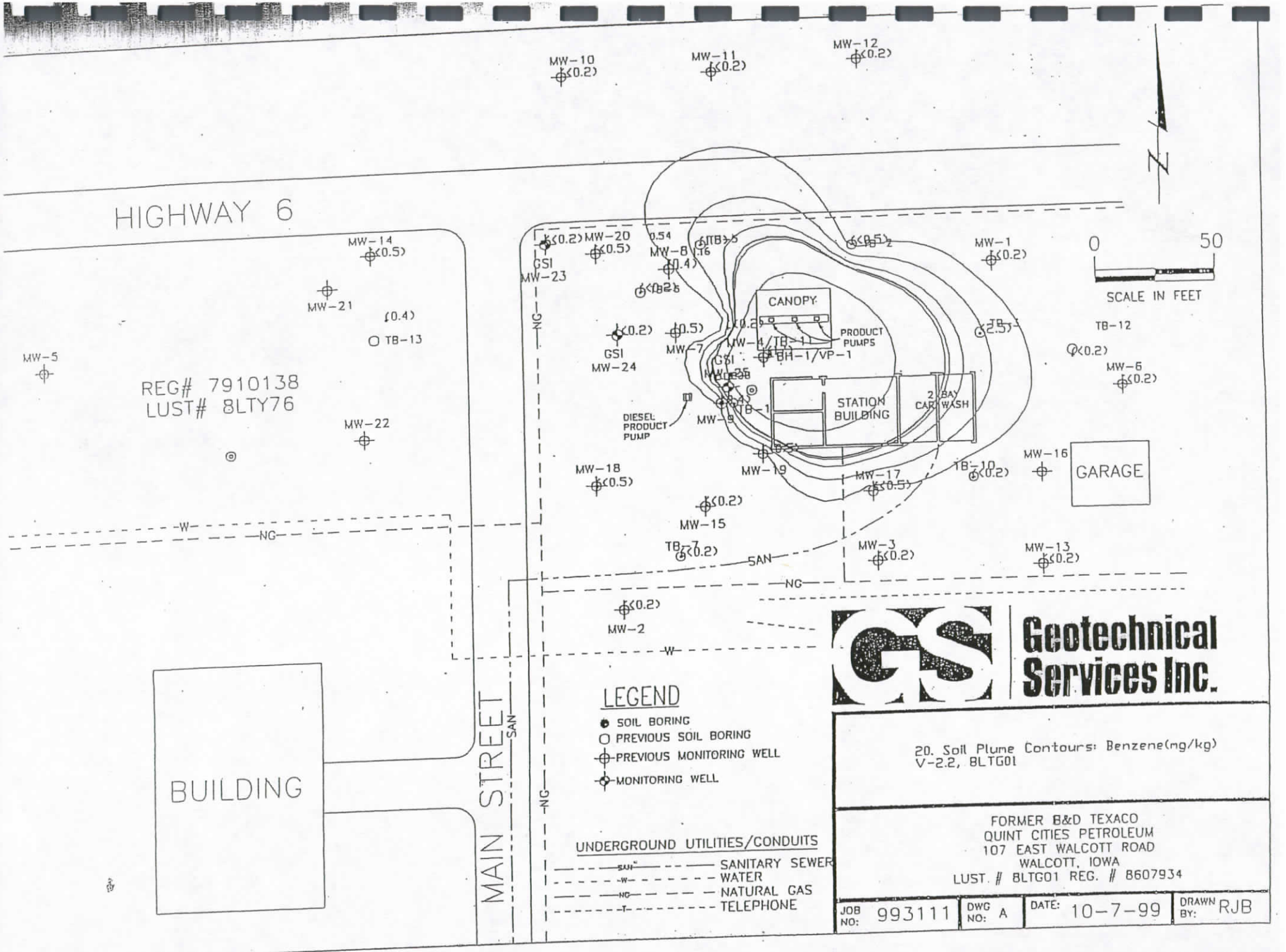
13. Soil Leaching, Soil Corrective Action Map
: Benzene (mg/kg)
V-2.2, 8LTG01

FORMER B&D TEXACO
QUINT CITIES PETROLEUM
107 EAST WALCOTT ROAD
WALCOTT, IOWA
LUST # 8LTG01 REG. # 8607934

JOB NO:	DWG NO:	DATE:	DRAWN BY:
993111	A	10-7-99	RJB

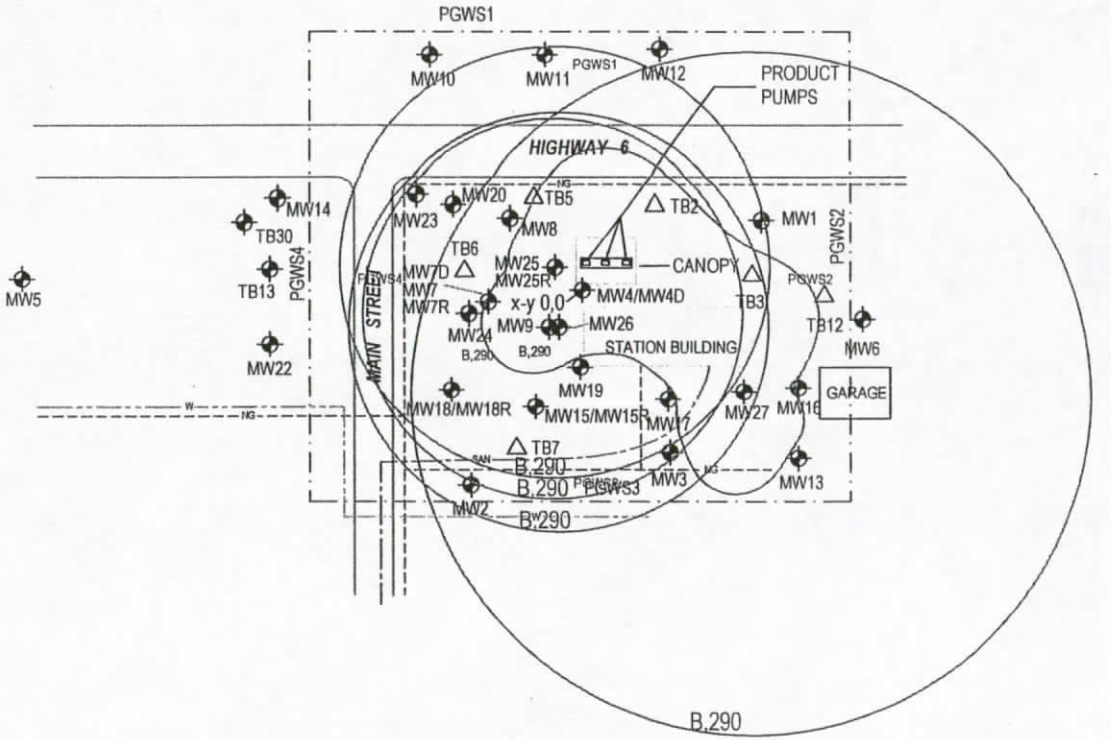
Attachment 5
Soil Contamination/Soil Gas Maps

Copied from the Approved Tier 2 Report


HIGHWAY 6
MW-10
MW-11
MW-12
MW-14
MW-21
TB-13
MW-5
REG# 7910138
LUST# 8LTY76
MW-22
MW-20
MW-8
MW-23
GSI
MW-24
MW-7
CANOPY
PRODUCT PUMPS
MW-1
MW-4/TB-11
BH-1/VP-1
TB-12
MW-6
DIESEL PRODUCT PUMP
MW-9
TB-1
STATION BUILDING
2 BAY CAR WASH
MW-16
GARAGE
MW-18
MW-19
MW-17
TB-10
MW-15
TB-7
MW-3
MW-13
MW-2
BUILDING
MAIN STREET
SAN
NG
W
0
50
SCALE IN FEET
N
LEGEND
SOIL BORING
PREVIOUS SOIL BORING
PREVIOUS MONITORING WELL
MONITORING WELL
UNDERGROUND UTILITIES/CONDUITS
SANITARY SEWER
WATER
NATURAL GAS
TELEPHONE
Geotechnical Services Inc.
20. Soil Plume Contours: Benzene(mg/kg)
V-2.2, 8LTG01
FORMER B&D TEXACO
QUINT CITIES PETROLEUM
107 EAST WALCOTT ROAD
WALCOTT, IOWA
LUST # 8LTG01 REG. # 8607934
JOB NO: 993111
DWG NO: A
DATE: 10-7-99
DRAWN BY: RJB

Attachment 6
Groundwater Summary Corrective Action Map

Not Provided in the Approved Tier 2 Report



N

0 100

Approximate Scale (Feet)

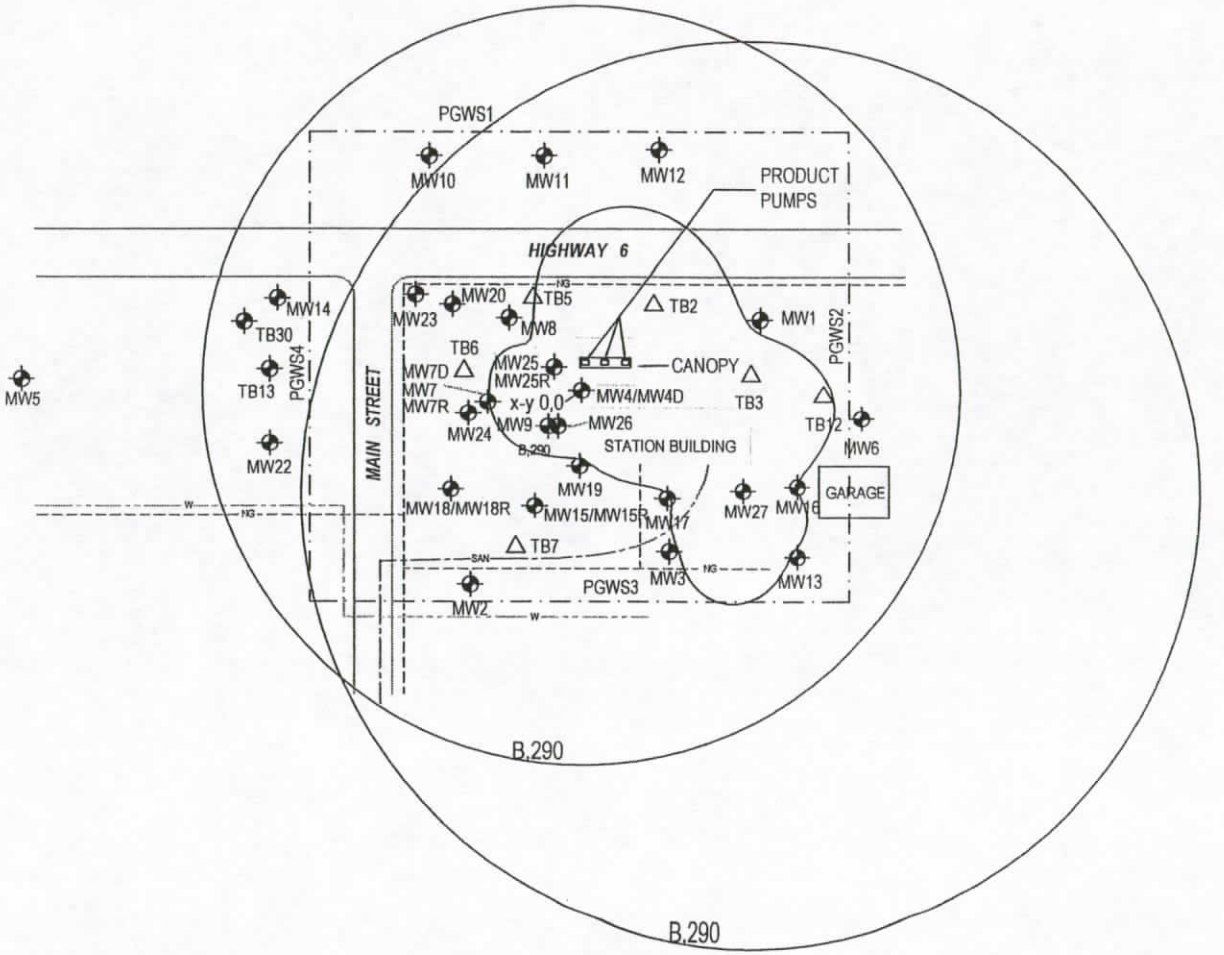
LEGEND

- MONITORING WELL LOCATION
- △ BORING LOCATION
- ----NG---- NATURAL GAS
- ——SAN—— SANITARY SEWER
- ——W—— WATER

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

GW INGESTION-PROTECTED GW SOURCE
2004 SITE MONITORING REPORT
QUINT CITIES CADR
HIGHWAY 6
WALCOTT, IOWA

Project Mngr: JFB	Terracon	Project No.	0704066B
Designed By: JFB	870 40th Avenue	Scale:	AS SHOWN
Drawn By: KJR	Bettendorf, Iowa 52722	File No.	4B068D02
Checked By: JFB		Date:	OCT 2004
Approved By: JFB	Figure No.		2



N

LEGEND

- MONITORING WELL LOCATION
- BORING LOCATION
- ----NG---- NATURAL GAS
- ——SAN—— SANITARY SEWER
- ——W—— WATER

0 100

Approximate Scale (Feet)

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

GW INGESTION-PROTECTED GW SOURCE
SITE MONITORING REPORT
QUINT CITIES CADR
HIGHWAY 6
WALCOTT, IOWA

Project Mngr: JFB	Terracon	Project No.	42007031
Designed By: JFB		Scale:	AS SHOWN
Drawn By: MRF	4470 48th Avenue Court Rock Island, Illinois 61201	File No.	42007031-2
Checked By: JFB		Date:	OCT 2000
Approved By: JFB		Figure No.	2

Attachment 7
Groundwater Monitoring Results Map

SMR, Groundwater Monitoring Results Map: 09/11/2009, Benzene(ug/L) V-2.51, 8LTG01

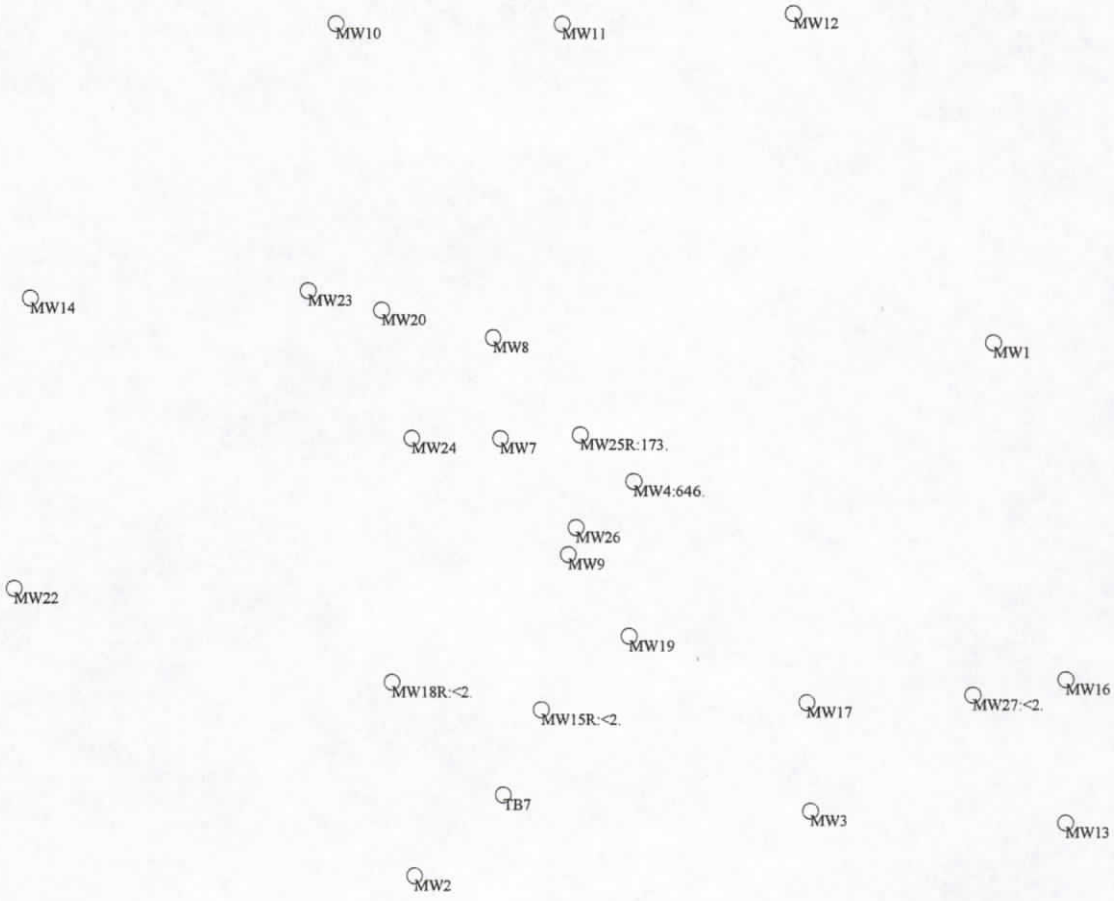
#: Most recent sample more than 6 months older than current risk date.



1 inch = 50 feet

SMR, Groundwater Monitoring Results Map: 09/11/2009, Toluene(ug/L) V-2.51, 8LTG01

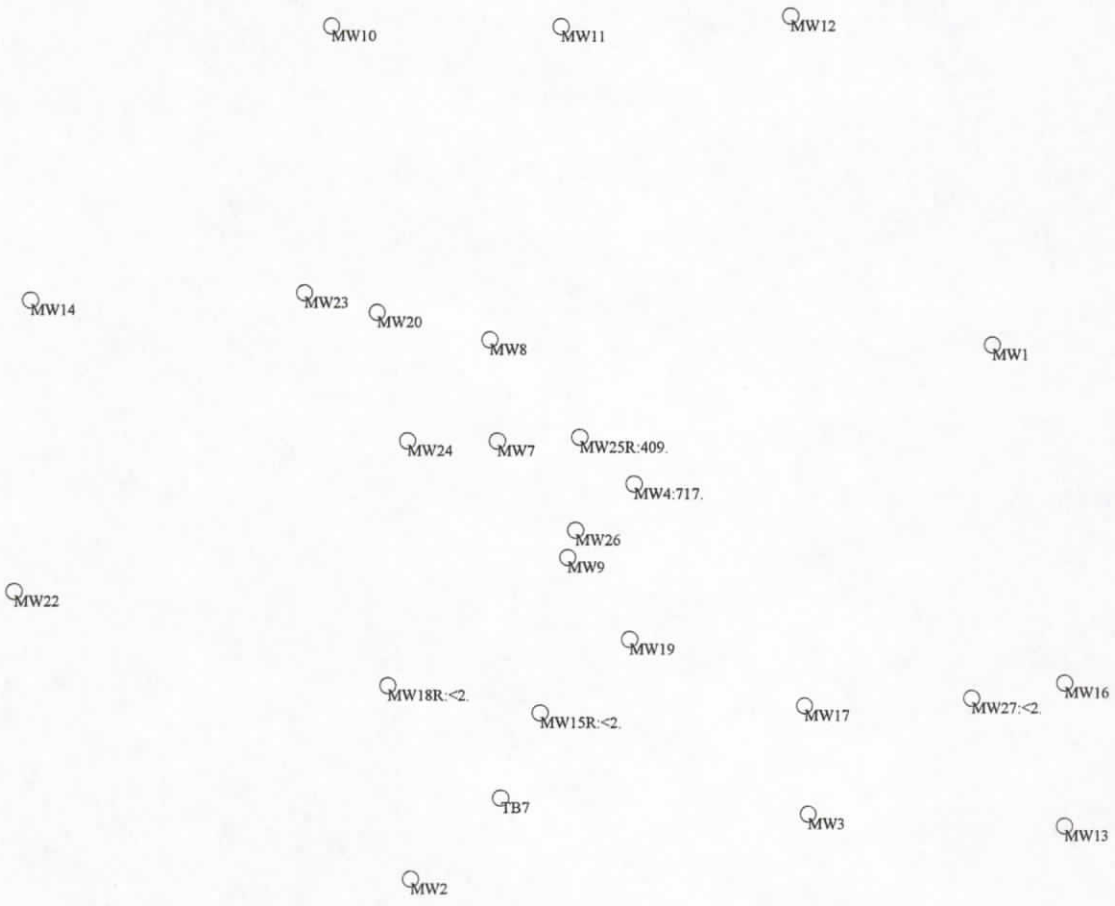
#: Most recent sample more than 6 months older than current risk date.



1 inch = 50 feet

SMR, Groundwater Monitoring Results Map: 09/11/2009, Ethylbenzene(ug/L) V-2.51, 8LTG01

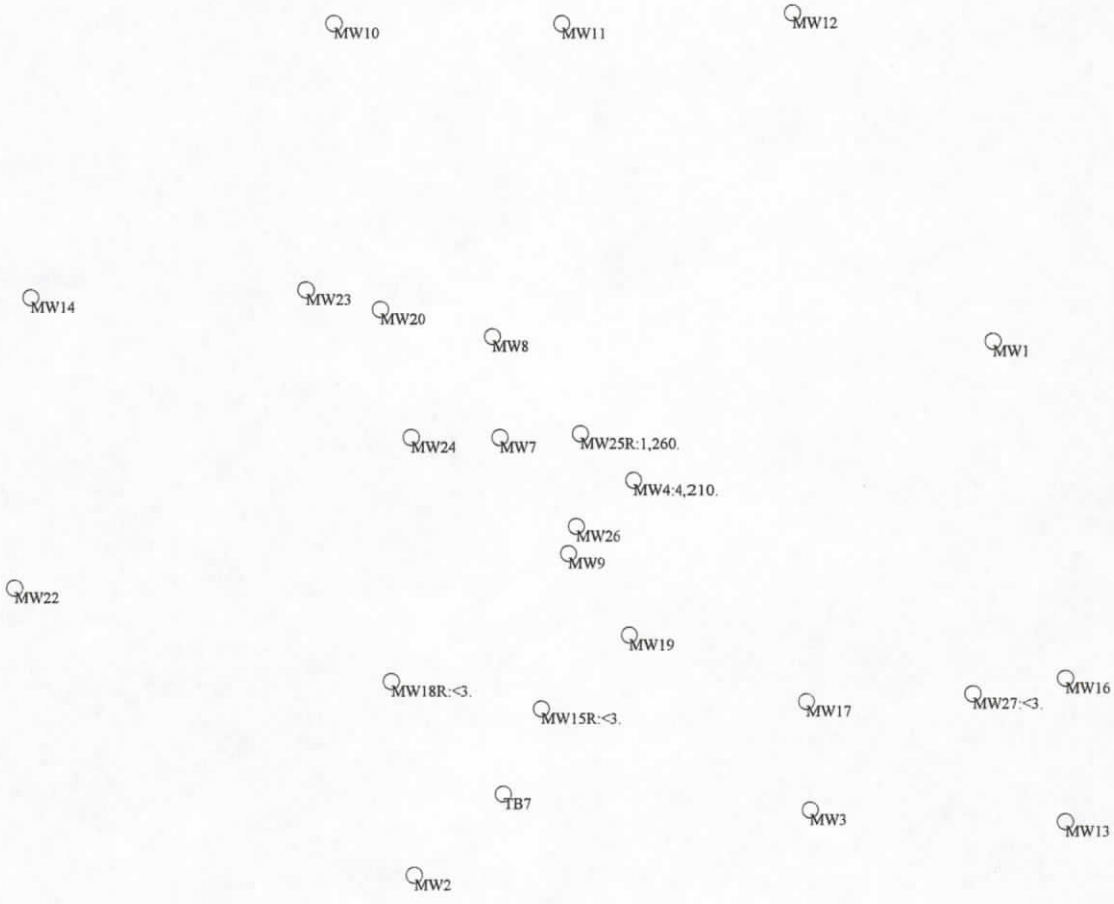
#: Most recent sample more than 6 months older than current risk date.



1 inch = 50 feet

SMR, Groundwater Monitoring Results Map: 09/11/2009, Xylenes(ug/L) V-2.51, 8LTG01

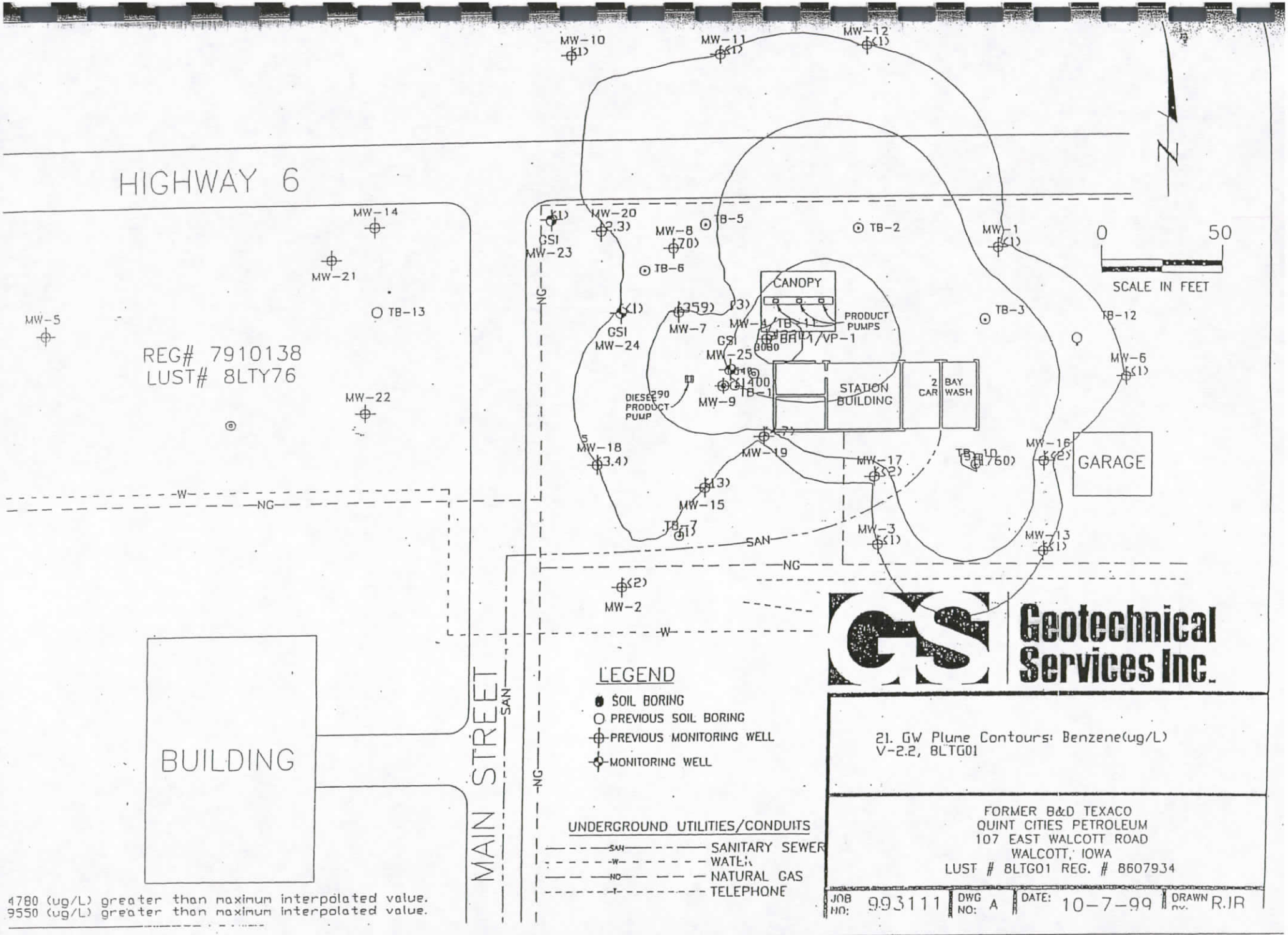
#: Most recent sample more than 6 months older than current risk date.



1 inch = 50 feet

Attachment 8
Groundwater Contamination Map

Copied from the Approved Tier 2 Report

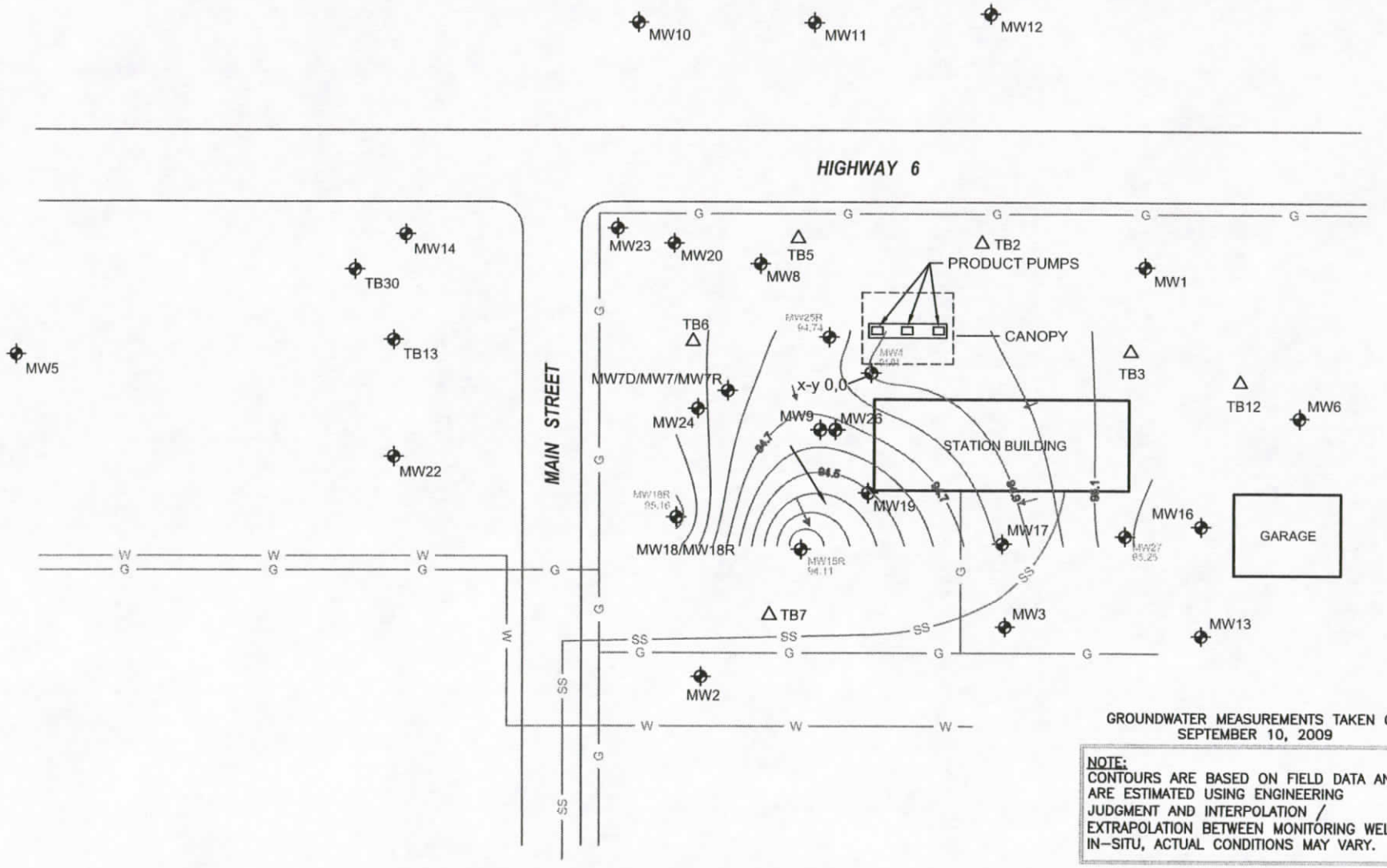


Geotechnical Services Inc.

21. GW Plume Contours: Benzene(ug/L)
V-2.2, 8LTG01

FORMER B&D TEXACO
QUINT CITIES PETROLEUM
107 EAST WALCOTT ROAD
WALCOTT, IOWA
LUST # 8LTG01 REG. # 8607934

JOB NO:	DWG NO:	DATE:	DRAWN BY:
993111	A	10-7-99	RJR



GROUNDWATER MEASUREMENTS TAKEN ON SEPTEMBER 10, 2009

NOTE:
CONTOURS ARE BASED ON FIELD DATA AND ARE ESTIMATED USING ENGINEERING JUDGMENT AND INTERPOLATION / EXTRAPOLATION BETWEEN MONITORING WELLS. IN-SITU, ACTUAL CONDITIONS MAY VARY.

LEGEND

- Approximate Monitoring Well Location
- Approximate Boring Location
- G — Natural Gas
- SS — Sanitary Sewer
- W — Water
- Approximate Groundwater Flow Direction
- (XX.XX) Approximate Groundwater Elevation
- —XX.XX— Groundwater Elevation Isopleth Contour Interval

N

0 50'

APPROXIMATE SCALE

Project Mngr: SAK	Project No. 07097041
Drawn By: DAC	Scale: AS-SHOWN
Checked By: JFB	Revised By: ~
Approved By: JFB	Date: October 7, 2009

Terracon
Consulting Engineers and Scientists
870 40TH AVENUE BETTENDORF, IOWA 52722
PH. (563) 355-0702 FAX. (563) 355-4789

GROUNDWATER FLOW DIRECTION DIAGRAM

SITE MONITORING REPORT
HIGHWAY 6
WALCOTT, IOWA

FIG. No. 1

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

N:\Projects\2009\07097041\07097041 - 5B056D01 - REV 20091007e.dwg

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

704 Enterprise Drive Cedar Falls, IA 50613 * 800-750-2401 * Fax 319-277-2425

September 17, 2009

Client:
TERRACON - BETTENDORF
870 40th Avenue
Bettendorf, IA 52722

Attn: Scott Kerr

Work Order: CSI0669
Project Name: B&D 2009 SMR - Walcott, IA
Project Number: 07097041

Date Received: 09/11/09

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(800)750-2401

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-27	CSI0669-01	09/10/09 10:05
MW-15R	CSI0669-02	09/10/09 10:40
MW-18R	CSI0669-03	09/10/09 11:25
MW-25R	CSI0669-04	09/10/09 12:20
MW-4	CSI0669-05	09/10/09 12:55
Duplicate	CSI0669-06	09/10/09

Samples were received into laboratory at a temperature of 1.10 °C.

NELAC states that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Please refer to the Temperature and Sample Receipt form that is included with this report for additional information regarding the condition of samples at the time of receipt by the laboratory.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.
Iowa Certification Number: 007

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific sample analyzed.

Approved By:

Angela Muehling

Iowa UST Lab Certification No. 007

TestAmerica Cedar Falls
Angela Muehling
Project Coordinator

TERRACON - BETTENDORF
870 40th Avenue
Bettendorf, IA 52722
Scott Kerr

Work Order: CSI0669
Project: B&D 2009 SMR - Walcott, IA
Project Number: 07097041

Received: 09/11/09
Reported: 09/17/09 12:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CSI0669-01 (MW-27 - Ground Water)					**Sampled: 09/10/09 10:05**			**Recvd: 09/11/09 10:20**	
Sampled By: Jay Fegley				**Phone**	**563-355-0702**				
UST Volatile Compounds by GC									
Benzene	<2.00		ug/L	2.00	1	09/11/09 10:08	fmk	9090528	OA-1 - 8021B
Toluene	<2.00		ug/L	2.00	1	09/11/09 10:08	fmk	9090528	OA-1 - 8021B
Ethylbenzene	<2.00		ug/L	2.00	1	09/11/09 10:08	fmk	9090528	OA-1 - 8021B
Xylenes, total	<3.00		ug/L	3.00	1	09/11/09 10:08	fmk	9090528	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*105 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/14/09 12:47	eee	9090545	SW

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Project: B&D 2009 SMR - Walcott, IA
Project Number: 07097041

Received: 09/11/09
Reported: 09/17/09 12:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CSI0669-02 (MW-15R - Ground Water)					**Sampled: 09/10/09 10:40**			**Recvd: 09/11/09 10:20**	
Sampled By: Jay Fegley				**Phone**	**563-355-0702**				
UST Volatile Compounds by GC									
Benzene	<2.00		ug/L	2.00	1	09/11/09 17:42	fmk	9090528	OA-1 - 8021B
Toluene	<2.00		ug/L	2.00	1	09/11/09 17:42	fmk	9090528	OA-1 - 8021B
Ethylbenzene	<2.00		ug/L	2.00	1	09/11/09 17:42	fmk	9090528	OA-1 - 8021B
Xylenes, total	<3.00		ug/L	3.00	1	09/11/09 17:42	fmk	9090528	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*105 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/14/09 12:47	eee	9090545	SW

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Project Number: 07097041

Received: 09/11/09
Reported: 09/17/09 12:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CSI0669-03 (MW-18R - Ground Water)					**Sampled: 09/10/09 11:25**			**Recvd: 09/11/09 10:20**	
Sampled By: Jay Fegley				**Phone**	**563-355-0702**				
UST Volatile Compounds by GC									
Benzene	<2.00		ug/L	2.00	1	09/11/09 18:15	fmk	9090528	OA-1 - 8021B
Toluene	<2.00		ug/L	2.00	1	09/11/09 18:15	fmk	9090528	OA-1 - 8021B
Ethylbenzene	<2.00		ug/L	2.00	1	09/11/09 18:15	fmk	9090528	OA-1 - 8021B
Xylenes, total	<3.00		ug/L	3.00	1	09/11/09 18:15	fmk	9090528	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*106 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/14/09 12:47	eee	9090545	SW

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Project Number: 07097041

Received: 09/11/09
Reported: 09/17/09 12:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CSI0669-04 (MW-25R - Ground Water)					**Sampled: 09/10/09 12:20**			**Recvd: 09/11/09 10:20**	
Sampled By: Jay Fegley				**Phone**	**563-355-0702**				
UST Volatile Compounds by GC									
Benzene	**1400**		ug/L	20.0	10	09/11/09 20:29	fmk	9090528	OA-1 - 8021B
Toluene	**173**		ug/L	20.0	10	09/11/09 20:29	fmk	9090528	OA-1 - 8021B
Ethylbenzene	**409**		ug/L	20.0	10	09/11/09 20:29	fmk	9090528	OA-1 - 8021B
Xylenes, total	**1260**		ug/L	30.0	10	09/11/09 20:29	fmk	9090528	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*106 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/14/09 12:47	eee	9090545	SW

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Scott Kerr

Work Order: CSI0669
Project: B&D 2009 SMR - Walcott, IA
Project Number: 07097041

Received: 09/11/09
Reported: 09/17/09 12:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CSI0669-05 (MW-4 - Ground Water)					**Sampled: 09/10/09 12:55**			**Recvd: 09/11/09 10:20**	
Sampled By: Jay Fegley				**Phone**	**563-355-0702**				
UST Volatile Compounds by GC									
Benzene	**1510**		ug/L	20.0	10	09/15/09 00:40	fmk	9090696	OA-1 - 8021B
Toluene	**646**		ug/L	2.00	1	09/11/09 19:22	fmk	9090528	OA-1 - 8021B
Ethylbenzene	**717**		ug/L	2.00	1	09/11/09 19:22	fmk	9090528	OA-1 - 8021B
Xylenes, total	**4210**		ug/L	30.0	10	09/15/09 00:40	fmk	9090696	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*111 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/14/09 12:47	eee	9090545	SW

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Bettendorf, IA 52722
Scott Kerr

Work Order: CSI0669
Project: B&D 2009 SMR - Walcott, IA
Project Number: 07097041

Received: 09/11/09
Reported: 09/17/09 12:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CSI0669-06 (Duplicate - Ground Water)					**Sampled: 09/10/09**			**Recvd: 09/11/09 10:20**	
Sampled By: Jay Fegley				**Phone**	**563-355-0702**				
UST Volatile Compounds by GC									
Benzene	<2.00		ug/L	2.00	1	09/11/09 18:49	fmk	9090528	OA-1 - 8021B
Toluene	<2.00		ug/L	2.00	1	09/11/09 18:49	fmk	9090528	OA-1 - 8021B
Ethylbenzene	<2.00		ug/L	2.00	1	09/11/09 18:49	fmk	9090528	OA-1 - 8021B
Xylenes, total	<3.00		ug/L	3.00	1	09/11/09 18:49	fmk	9090528	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*106 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/14/09 12:47	eee	9090545	SW

TestAmerica Cedar Falls
Angela Muehling
Project Coordinator

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Bettendorf, IA 52722
Scott Kerr

Work Order: CSI0669
Project: B&D 2009 SMR - Walcott, IA
Project Number: 07097041

Received: 09/11/09
Reported: 09/17/09 12:59

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
UST Volatile Compounds by GC														
Benzene	9090528			ug/L	N/A	2.00	<2.00							
Toluene	9090528			ug/L	N/A	2.00	<2.00							
Ethylbenzene	9090528			ug/L	N/A	2.00	<2.00							
Xylenes, total	9090528			ug/L	N/A	3.00	<3.00							
Surrogate: 4-Bromofluorobenzene	*9090528*			ug/L					*92*		*75-135*			
Benzene	9090696			ug/L	N/A	2.00	<2.00							
Toluene	9090696			ug/L	N/A	2.00	<2.00							
Ethylbenzene	9090696			ug/L	N/A	2.00	<2.00							
Xylenes, total	9090696			ug/L	N/A	3.00	<3.00							
Surrogate: 4-Bromofluorobenzene	*9090696*			ug/L					*104*		*75-135*			

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Bettendorf, IA 52722
Scott Kerr

Work Order: CSI0669
Project: B&D 2009 SMR - Walcott, IA
Project Number: 07097041

Received: 09/11/09
Reported: 09/17/09 12:59

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
UST Volatile Compounds by GC														
Benzene	9090528		48.0	ug/L	N/A	N/A	35.2		73		50-115			
Toluene	9090528		48.0	ug/L	N/A	N/A	40.0		83		65-110			
Ethylbenzene	9090528		48.0	ug/L	N/A	N/A	41.2		86		70-110			
Xylenes, total	9090528		144	ug/L	N/A	N/A	126		88		70-110			
Surrogate: 4-Bromofluorobenzene	*9090528*			ug/L					*108*		*80-130*			
Benzene	9090696		48.0	ug/L	N/A	N/A	32.5		68		50-115			
Toluene	9090696		48.0	ug/L	N/A	N/A	38.2		80		65-110			
Ethylbenzene	9090696		48.0	ug/L	N/A	N/A	40.0		83		70-110			
Xylenes, total	9090696		144	ug/L	N/A	N/A	123		85		70-110			
Surrogate: 4-Bromofluorobenzene	*9090696*			ug/L					*108*		*80-130*			

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870 40th Avenue
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Scott Kerr

Work Order: CSI0669
Project: B&D 2009 SMR - Walcott, IA
Project Number: 07097041

Received: 09/11/09
Reported: 09/17/09 12:59

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
UST Volatile Compounds by GC														
QC Source Sample: CSI0286-01														
Benzene	9090528	0.104	48.0	ug/L	N/A	N/A	35.6	35.0	74	73	50-115	2	10	
Toluene	9090528	0.195	48.0	ug/L	N/A	N/A	40.5	39.9	84	83	65-110	2	10	
Ethylbenzene	9090528	0.189	48.0	ug/L	N/A	N/A	41.8	41.2	87	86	65-115	1	10	
Xylenes, total	9090528	0.684	144	ug/L	N/A	N/A	128	126	88	87	65-115	1	10	
Surrogate: 4-Bromofluorobenzene	*9090528*			ug/L					*108*	*108*	*80-135*			
QC Source Sample: CSI0668-07														
Benzene	9090696	23.0	48.0	ug/L	N/A	N/A	54.8	54.7	66	66	50-115	0	10	
Toluene	9090696	5.66	48.0	ug/L	N/A	N/A	43.5	43.3	79	78	65-110	1	10	
Ethylbenzene	9090696	2.93	48.0	ug/L	N/A	N/A	42.2	42.1	82	82	65-115	0	10	
Xylenes, total	9090696	14.5	144	ug/L	N/A	N/A	137	136	85	84	65-115	0	10	
Surrogate: 4-Bromofluorobenzene	*9090696*			ug/L					*107*	*107*	*80-135*			

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

704 Enterprise Drive Cedar Falls, IA 50613 * 800-750-2401 * Fax 319-277-2425

TERRACON - BETTENDORF	Work Order:	CSI0669	Received: 09/11/09
870 40th Avenue			Reported: 09/17/09 12:59
Bettendorf, IA 52722	Project:	B&D 2009 SMR - Walcott, IA	
Scott Kerr	Project Number:	07097041	

CERTIFICATION SUMMARY

TestAmerica Cedar Falls

Method	Matrix	Nelac	Iowa
OA-1 - 8021B	Water - NonPotable	X	X
SW	Water - NonPotable		

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Termperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) and are sampled in accordance with TA-CF SOP CF-FSS-01.

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TestAmerica Cedar Falls
Angela Muehling
Project Coordinator

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Cedar Falls Division
704 Enterprise Drive
Cedar Falls, IA 50613
Phone 319-277-2401 or 800-750-2401
Fax 319-277-2425

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: Terracon Client #: _____
Address: 870 40th Ave
City/State/Zip Code: Bettendorf, IA 52722
Project Manager: John Brimeyer ~ Scott Kure
Email Address: SA Kure@Terracon.com
Telephone Number: 563-355-0702 Fax: 563-355-4789
Sampler Name: (Print Name) Jay Fegley
Sampler Signature: Jay Fegley

Project Name: BAD 2009 SMR
Project #: 07097041
Site/Location ID: Walcott State: IA
Report To: Scott Kure
Invoice To: Terracon - John Brimeyer
Quote #: _____ PO#: _____

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: (Y) N
Email Results: (Y) N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify, Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: DM-1	REMARKS
MW-27	9-10-09	10:05	G		GW	3							X	
MW-15R		10:40	G		GW	3							X	
MW-18R		11:25	G		GW	3							X	
MW-25R		12:20	G		GW	3							X	
MW-4		12:55	G		GW	3							X	
Duplicate					GW	3							X	

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

Special Instructions: No MTBE

LABORATORY COMMENTS:

Relinquished By: Jay Fegley	Date: 9/10/09	Time: 15:00	Received By:	Date: 9/10/09	Time: 3:00
Relinquished By:	Date: 9/10/09	Time: 1615	Received By:	Date: 9/11/9	Time: 10:30
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAL-0033 (0708)

Page _____ of _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

704 ENTERPRISE DRIVE • CEDAR FALLS, IA 50613
800-750-2401 • 319-277-2425 FAX

Sample Receipt and Temperature Log Form

Client: Terra Con Project: _____

City: _____

Date: 9-11-09 Receiver's Initials: LF Time (Delivered): 10:20

Temperature Record:

Cooler ID# (If Applicable)
~~Client~~ XY-97

1.1 °C / On Ice

☐ Temp Blank

☐ Temperature out of compliance

Thermometer:

☑ IR - 90876942 'C'
☐ IR - 61997671 'B'
☐ IR - 61854108
☐ 22126775

Courier:

☐ UPS ☐ TA Courier
☐ FedEx ☐ TA Field Services
☐ FedEx Ground ☐ Client
☐ US Postal Service ☐ Other
☐ Spee-Dee _____

Custody seals present?
☑ Yes

Custody seals intact?
☑ Yes ☐ No

☐ Non-Conformance report started

Exceptions Noted

☐ Sample(s) not received in a cooler.

☐ Samples(s) received same day of sampling.

☐ Evidence of a chilling process

☐ Temperature not taken:

_____

***Refer to SOP CF-SS-01 for Temperature Criteria**

Re-Start **Well Search** Print | Help |

Well Search Report ?

Search Method: LUST/UST

Subject: LUST ID: 8LTG01
Site Name: Former B&d Texaco
Address: 107 E WALCOTT RD Walcott IA, 52773
XY UTM Coordinates: 685513/4607356
Search Radius(ft.): 1000

Date: 10/5/2009

Prepared By: sakerr

Included in search	No. of wells	Database
X	0	IGS well database General well database maintained by IGS, location accuracy varies 3,730 to 25 ft., last updated 8/2005.
X	0	Public wells Muncipal and nonmunicipal public well databases maintained by IGS, location varies 3,73(to 25 ft., under development.
X	0	SDWIS public wells Public well database developed from the Safe Drinking Water Information System database maintained by IDNR, estimated locational accuracy varies from 15m. to 3300m. Created from 5/2005 data.
X	0	Private well tracking system IDNR database management system for Grants-to-counties-covered wells. Locational accuracy unknown, assumed to be +/- 17 m., Last update 7/2005.
X	0	Wells registered for testing Wells tested under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	0	Permitted private wells Wells permitted under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	0	Registered abandoned wells Wells abandoned under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	0	Water use facilities Wells used by facilities permitted to withdraw >25,000 gallons per day, locational accuracy is +/-20m to 1150 m. Created from 7/2005 data.
X	0	Municipal wells and intakes Locational accuracy 220 m., last updated 8/96.
X	0	Ag drainage wells Locational accuracy 100 m., last updated 4/98.

Well Search Detail

Subject: LUST ID: 8LTG01
XY UTM Coordinates: 685513/4607356
Search Radius (ft.): 1000

IGS Well Database

Map ID	Well No.	Location Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source							

Public Wells

Map ID	Well No.	Location Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source							

SDWIS public wells

Map ID	Well No.	Location Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source							

Private Well Tracking System

Map ID	Well No.	Location Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source							

Wells Registered For Testing

Map ID	Well No.	Location Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source							

Permitted Private Wells

Map ID	Well No.	Location Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source							

Abandoned Wells (plugged)

Map ID	Well No.	Location Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source							

Water Use Facilities

Map	Well	Location Accuracy	Dist.	Well	Construction/	Owner/Permittees	Other

ID	No.	From Point	Depth	Permit Date	Information
No records found from this data source					

Municipal Wells And Intakes

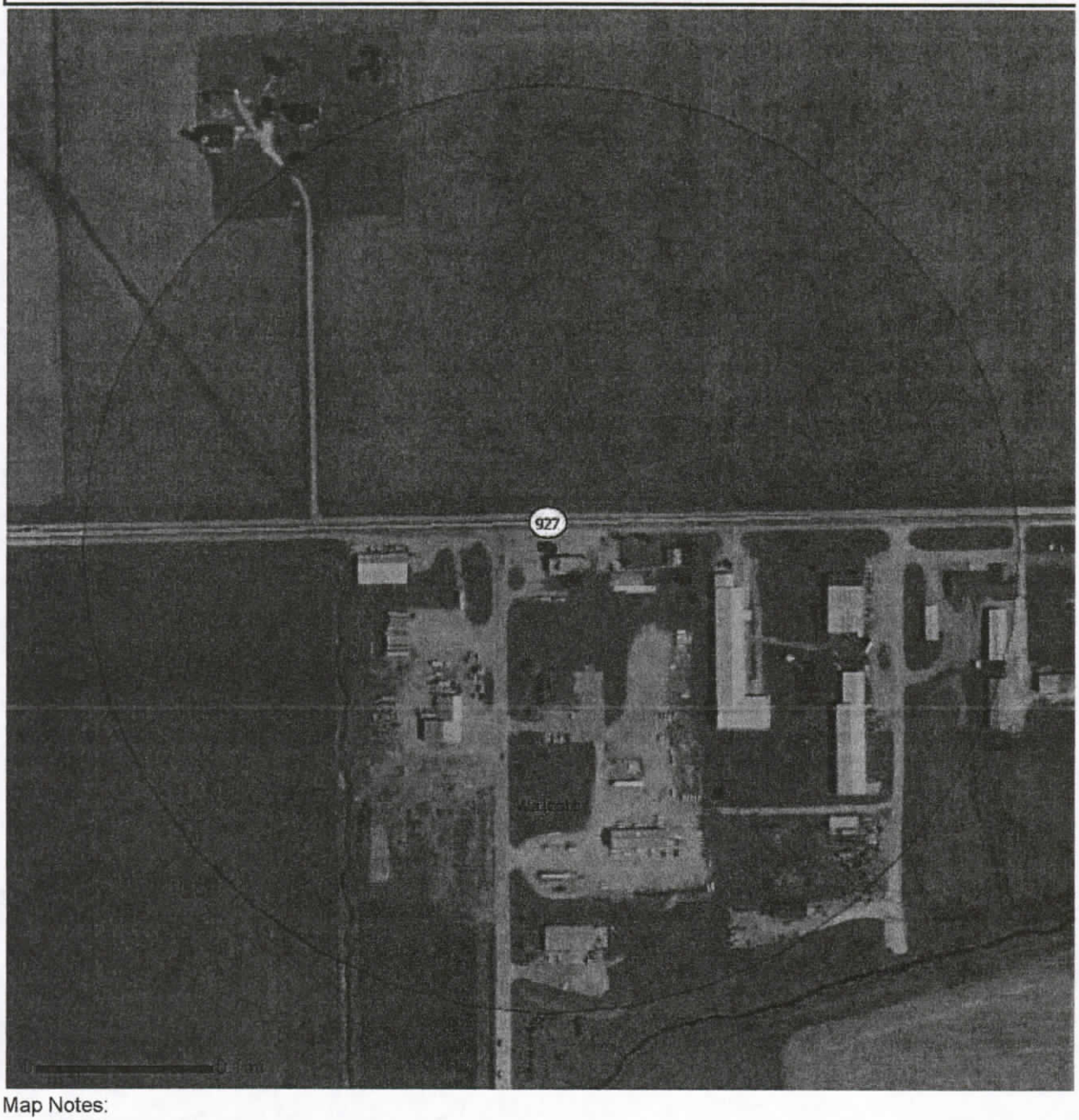
Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source								

Ag Drainage Wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source								

Well Search Buffered Map

Subject: LUST ID: 8LTG01
XY UTM Coordinates: 685513/4607356
Search Radius (ft.): 1000



Map Notes:

- ○ UST
- ★ LUST
- Please refer to the Accuracy column in Well Search Detail.
- Since multiple points can be at the same spot (as those located to the center of a quarter section), points were randomly dispersed within 10 meters around that spot so all points can be seen.
- Aerial photos were flown in 2002.

Search by Interactive M

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