Terracon

Site Monitoring Report
Former B & D Texaco
Walcott, Iowa
LUST No. 8LTG01 – Registration No. 8607934
Terracon Project No. 07087049

October 6, 2008

Prepared for:

Quint Cities Petroleum Properties Co.
Davenport, Iowa

Prepared by:

TERRACON
Bettendorf, Iowa

Terracon
Consulting Engineers & Scientists

Terracon Consultants, Inc.
870 40th Avenue
Bettendorf, Iowa 52722
Phone 563.355.0702
Fax 563.355.4789
www.terracon.com

October 6, 2008

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

Attn: Mr. Jim Low

Re: 2008 Site Monitoring Report
Former B & D Texaco
107 Walcott Road
Walcott, Iowa
LUST No. 8LTG01 – Registration No. 8607934
Terracon Project No. 07087049

Dear Mr. Low:

Terracon has completed the 2008 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, and sign and return the signature page for our files.

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

Scott A. Kerr
Environmental Scientist

John F. Brimeyer, PE, CGP
Environmental Manager

SAK/JFB/sk1
N:\Projects\2008\07087049\Smr08.doc
cc: Addressees (2)
Enclosures

08613 10/13/08 AM11:17

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: 10/6/08

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:	10-13-08	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
[X] 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	--

				T2(*) or Computed Risk						Corr.	Corrective	
		Tier 2	Last	Group1				TEH		Action	Action(s)	Current
Type	Receptor	Risk	Risk	B	T	E	X	D	W	Taken?	Completed	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	10/01/2008
New non-drinking water well(s)? [1,000']	No	Scott A. Kerr Terracon Consultants 870 40th Avenuel Bettendorf, Iowa, 52722	563 355-0702	10/01/2008
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	10/01/2008
New plastic water lines(s)? [200']	No	John Brockman City of Walcott 128 W. Lincoln Walcott, Iowa, 52773	563 284-6571	10/01/2008
Replaced or relocated plastic water line(s)? [200']	No	John Brockman City of Walcott 128 W. Lincoln Walcott, Iowa, 52773	563 284-6571	10/01/2008
New sanitary sewer(s)? [200']	No	John Brockman City of Walcott 128 W. Lincoln Walcott, Iowa, 52773	563 284-6571	10/01/2008
Replaced or relocated sanitary sewer(s)? [200']	No	John Brockman City of Walcott 128 W. Lincoln Walcott, Iowa, 52773	563 284-6571	10/01/2008
New building(s) with basements? [200']	No	Jay Fegley Terracon Consultants 870 40th Avenue Bettendorf, Iowa, 52722	563 355-0702	09/03/2008
Building(s) with basement(s) removed? [200']	No	Jay Fegley Terracon Consultants 870 40th Avenue Bettendorf, Iowa, 52722	563 355-0702	09/03/2008
Zoning changes? [200']	No	John Brockman City of Walcott 128 W. Lincoln Walcott, Iowa, 52773	563 284-6571	10/01/2008

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
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
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.	<2.	N	N	N	N
MW18R	08/21/2003	99.30	98.89	96.39	92.88	<2.	<2.	<2.	<3.	N	N	N	N
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

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	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
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
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

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 Type	Receptor Label	Receptor Description	Chem. Risk	Recept. Curr. Risk	Min. Freq.
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	651										
		290	No	N/A	/Int.E	PGWS	No-IC		L	L	Once
		290	No	Yes	S	PGWS	No-IC		L	L	Annual
		290	No	Yes	/TG	PGWS	No-IC		L	L	Annual
		1,319	Yes	N/A	/Int.E	PGWS	IC		L	L	Once
		1,319	Yes	Yes	S	PGWS	IC		L	L	Annual
		290	No	Yes	SL	PGWS	No-IC		H		Annual
TB10 MW27	30										
		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	5										
		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	627										
		290	No	N/A	/Int.E	PGWS	No-IC		L	L	Once
		290	No	Yes	T-ML/T-ML	PGWS	No-IC		L	L	Annual
		290	No	Yes	/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											

Attachment 1
Evaluation of Analytical Data

Evaluation of Analytical Data:

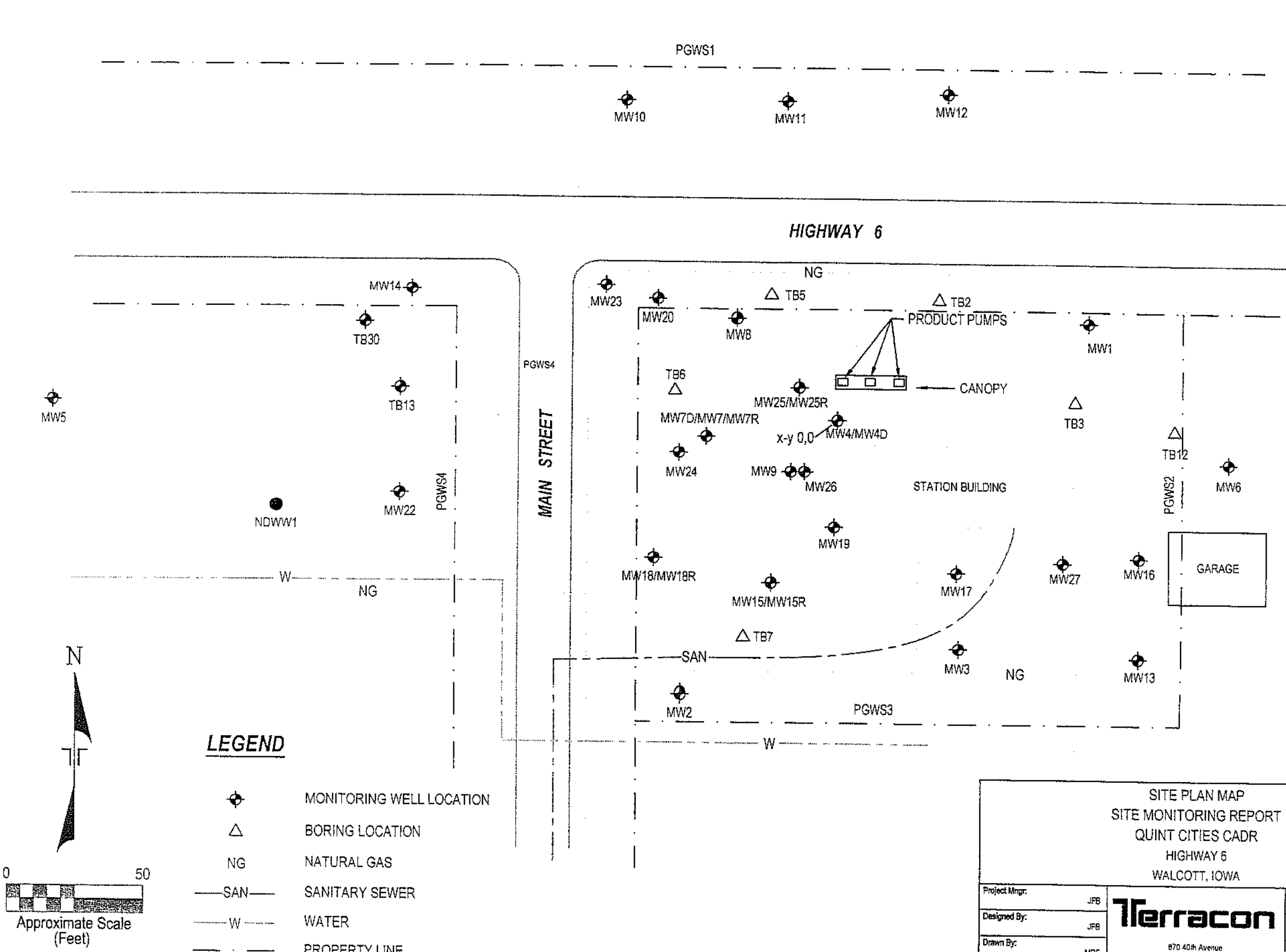
Reported BTEX concentrations for MW-4 decreased with benzene decreasing from 844 micrograms per liter (µg/L) to 651 µg/L, toluene decreasing from 633 µg/L to 459 µg/L, ethylbenzene decreasing from 812 µg/L to 646 µg/L, and xylenes decreased from 4,240 µg/L to 3,080 µg/L.

Reported BTEX concentrations in MW-25R decreased with benzene decreasing from 1,360 µg/L to 627 µg/L, toluene decreasing from 129 µg/L to 69.7 µg/L, ethylbenzene decreasing from 513 µg/L to 180 µg/L, and xylenes decreased from 2,340 µg/L to 460 µg/L. Reported BTEX concentrations in MW-15R remained below detection limits.

Reported BTEX concentrations of the sample collected from MW-18R were below the detection limits; however, the BTEX concentrations of a duplicate sample ranged from 4.08 µg/L toluene to 68 µg/L for xylenes.

Reported BTEX concentrations in MW-27 increased with benzene increasing from 1.09 µg/L to 29.8 µg/L. Reported concentrations of toluene, ethylbenzene, and xylenes also increased slightly over the reported 2007 concentrations. Reported concentrations are an order of magnitude less than the SSTL. Reevaluation of the data is not warranted.

Attachment 2
Site Plan Map

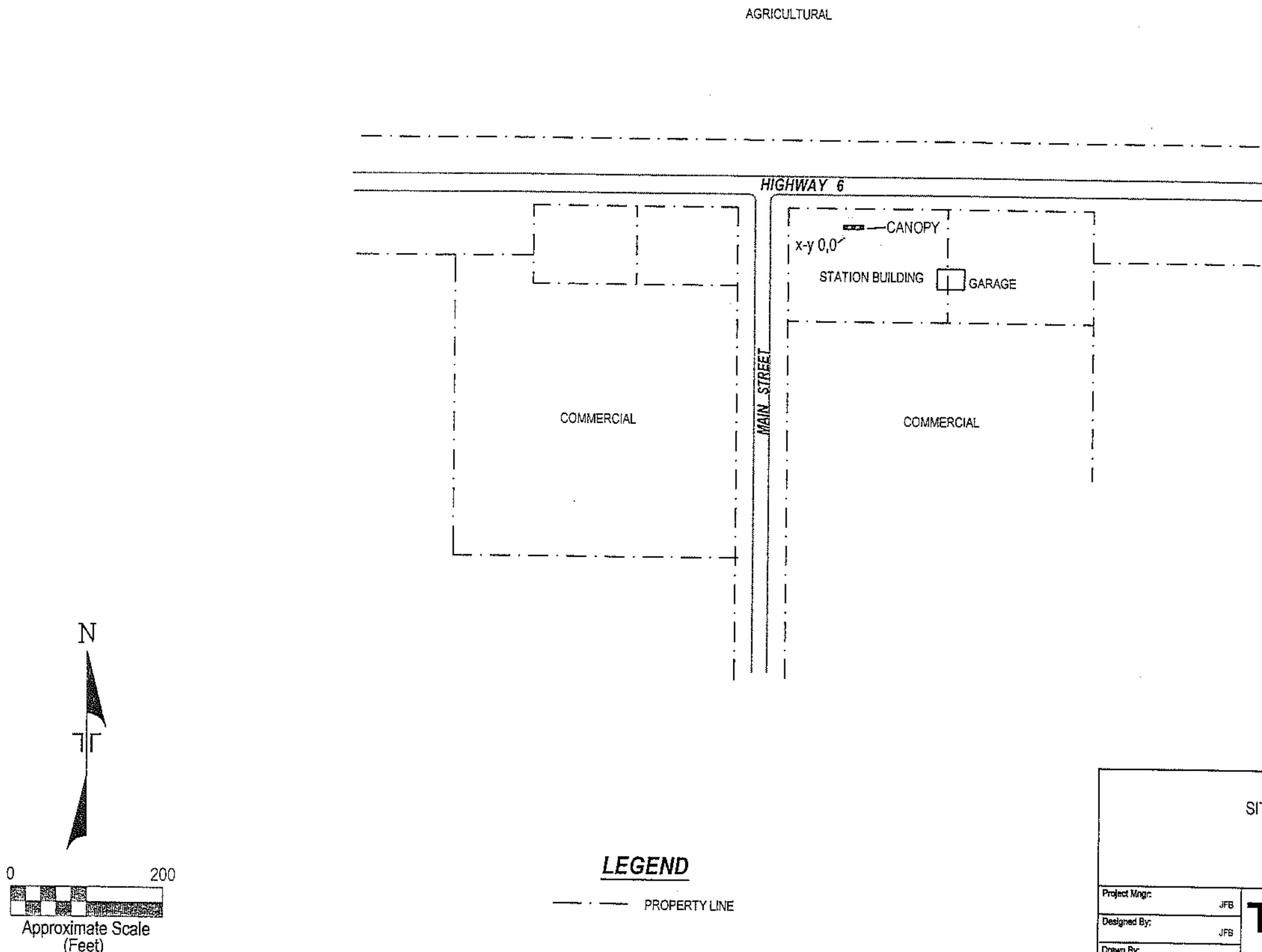


THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

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

Attachment 3
Site Vicinity Map



LEGEND

— · — PROPERTY LINE

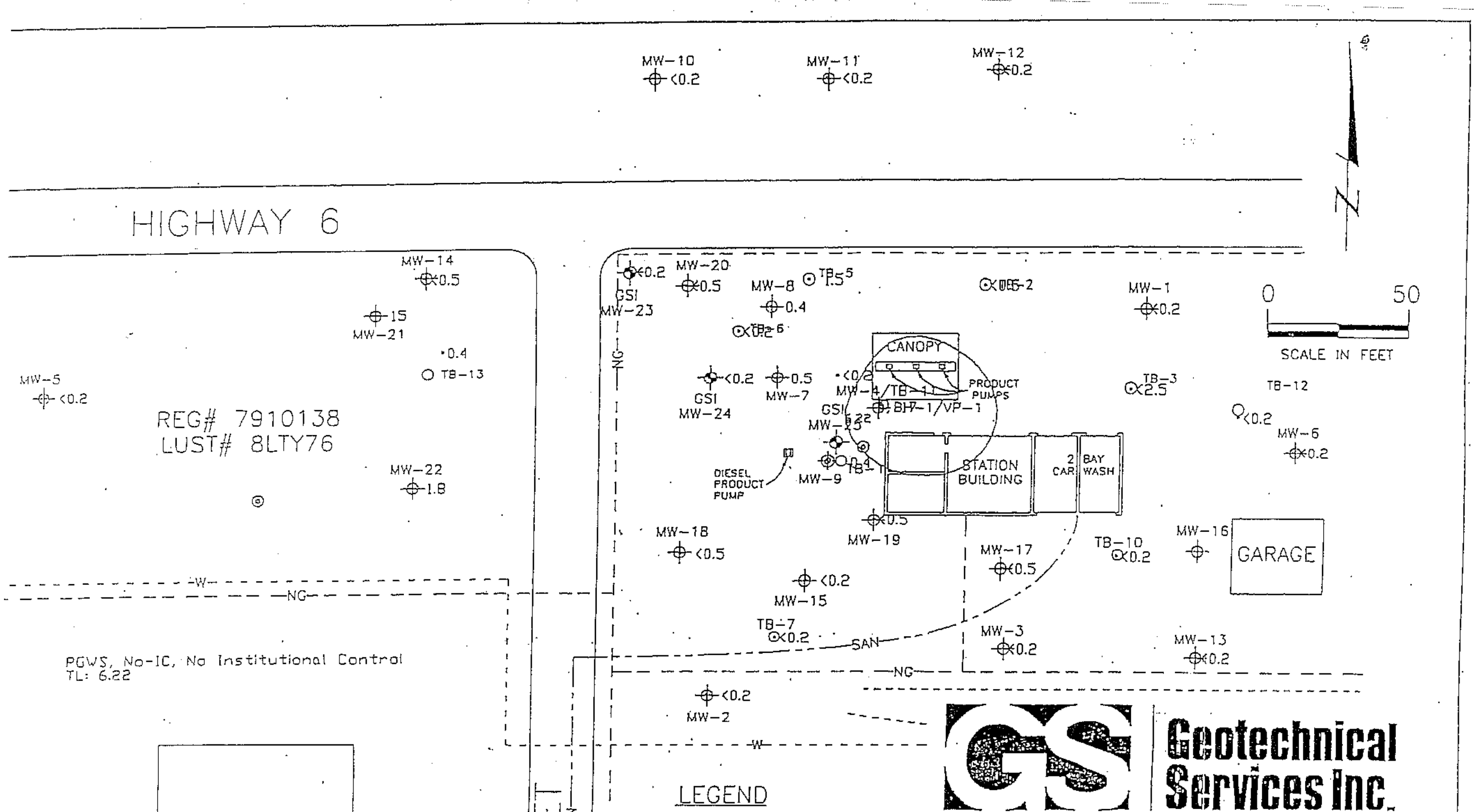
IIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

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

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

Attachment 4
Soil Summary Corrective Action Map

Copied from the Approved Tier 2 Report



GS Geotechnical Services Inc.

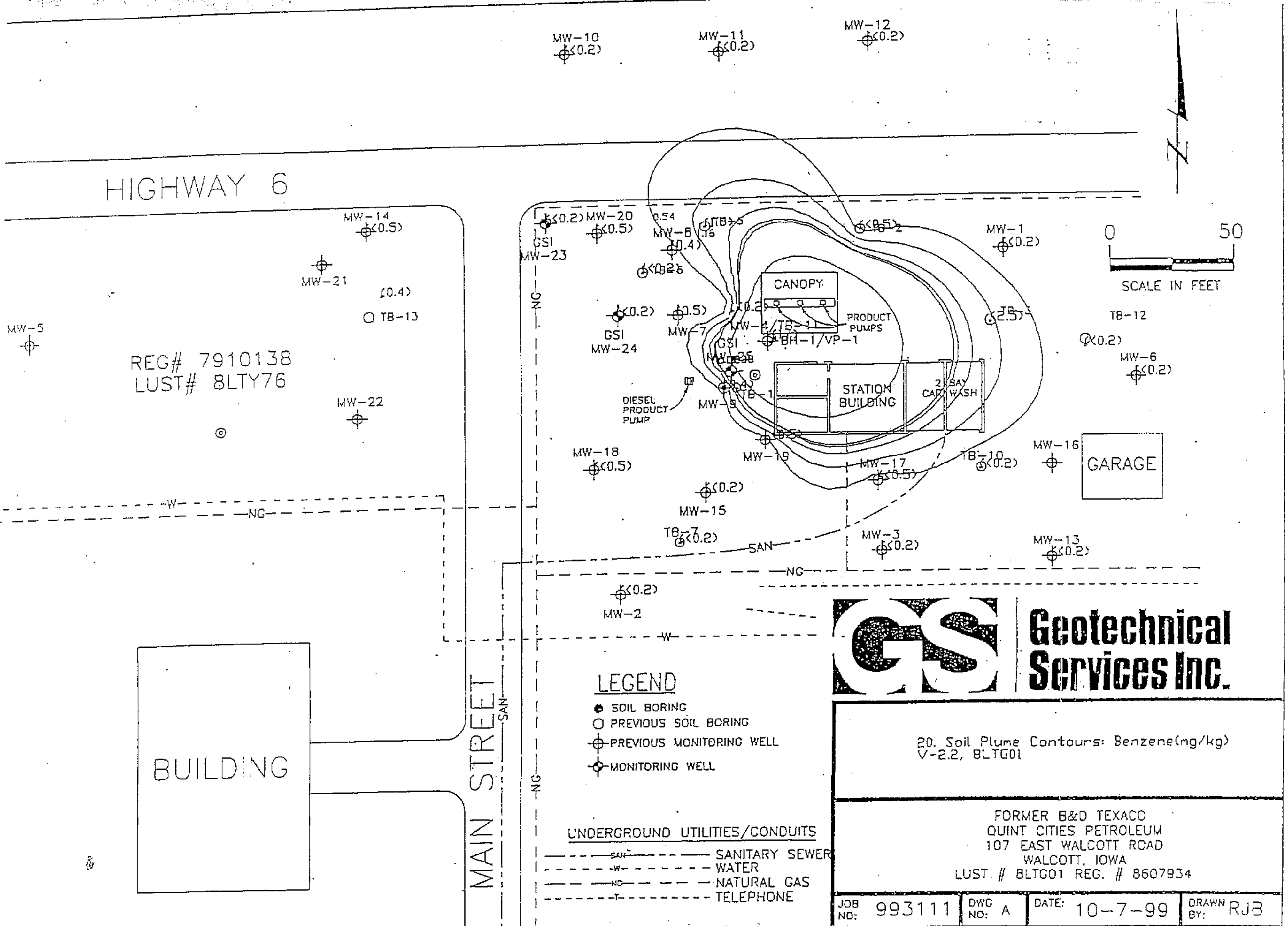
13. Soil Leaching, Soil Corrective Action Map
: Benzene (mg/kg)
V-2.2, BLTG01

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

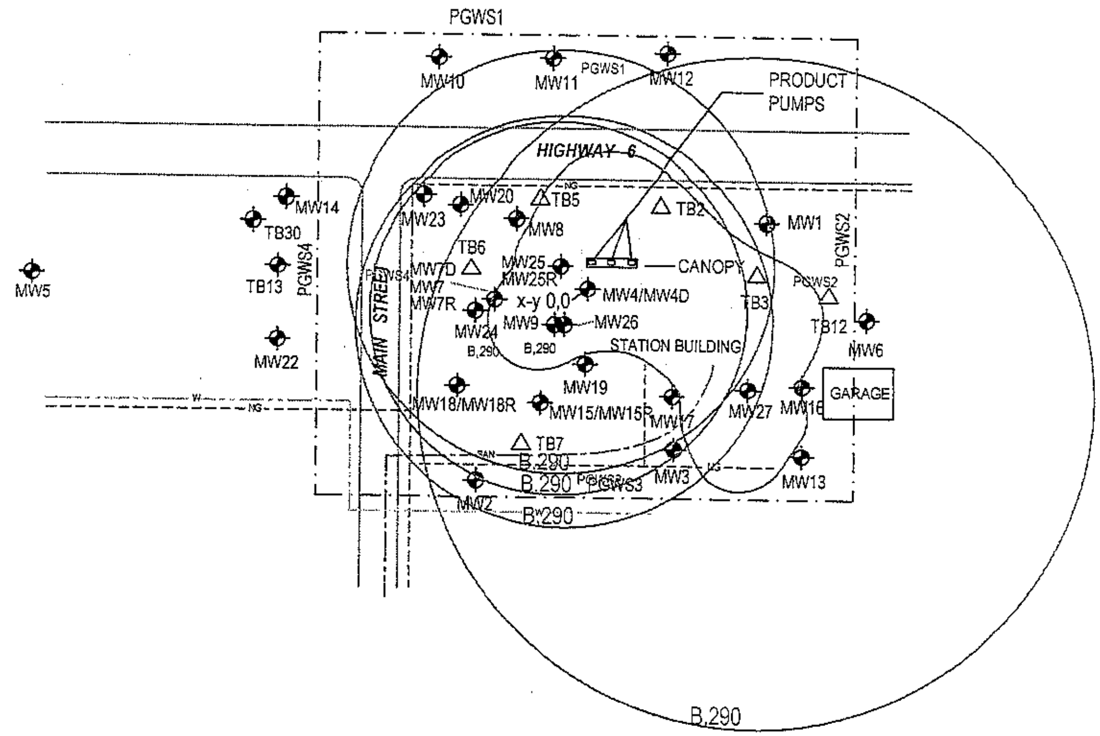
Attachment 5
Soil Contamination/Soil Gas Maps

Copied from the Approved Tier 2 Report


HIGHWAY 6
MAIN STREET
BUILDING
GARAGE
CANOPY
PRODUCT PUMPS
STATION BUILDING
2 BAY CAR WASH
DIESEL PRODUCT PUMP
REG# 7910138
LUST# 8LTY76
MW-10 (0.2)
MW-11 (0.2)
MW-12 (0.2)
MW-14 (0.5)
MW-21
(0.4) TB-13
MW-5
MW-22
MW-23 (0.2) GSI
MW-20 (0.5)
MW-8 (0.4)
MW-24 (0.2) GSI
MW-7 (0.5)
MW-4/TB-1
BH-1/VP-1
MW-9
MW-19
MW-18 (0.5)
MW-15 (0.2)
TB-7 (0.2)
MW-17 (0.5)
TB-10 (0.2)
MW-16
MW-1 (0.2)
MW-6 (0.2)
TB-12 (0.2)
MW-3 (0.2)
MW-13 (0.2)
MW-2 (0.2)
(2.5)
(0.5)
0.54
.16
N
0 50
SCALE IN FEET
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)

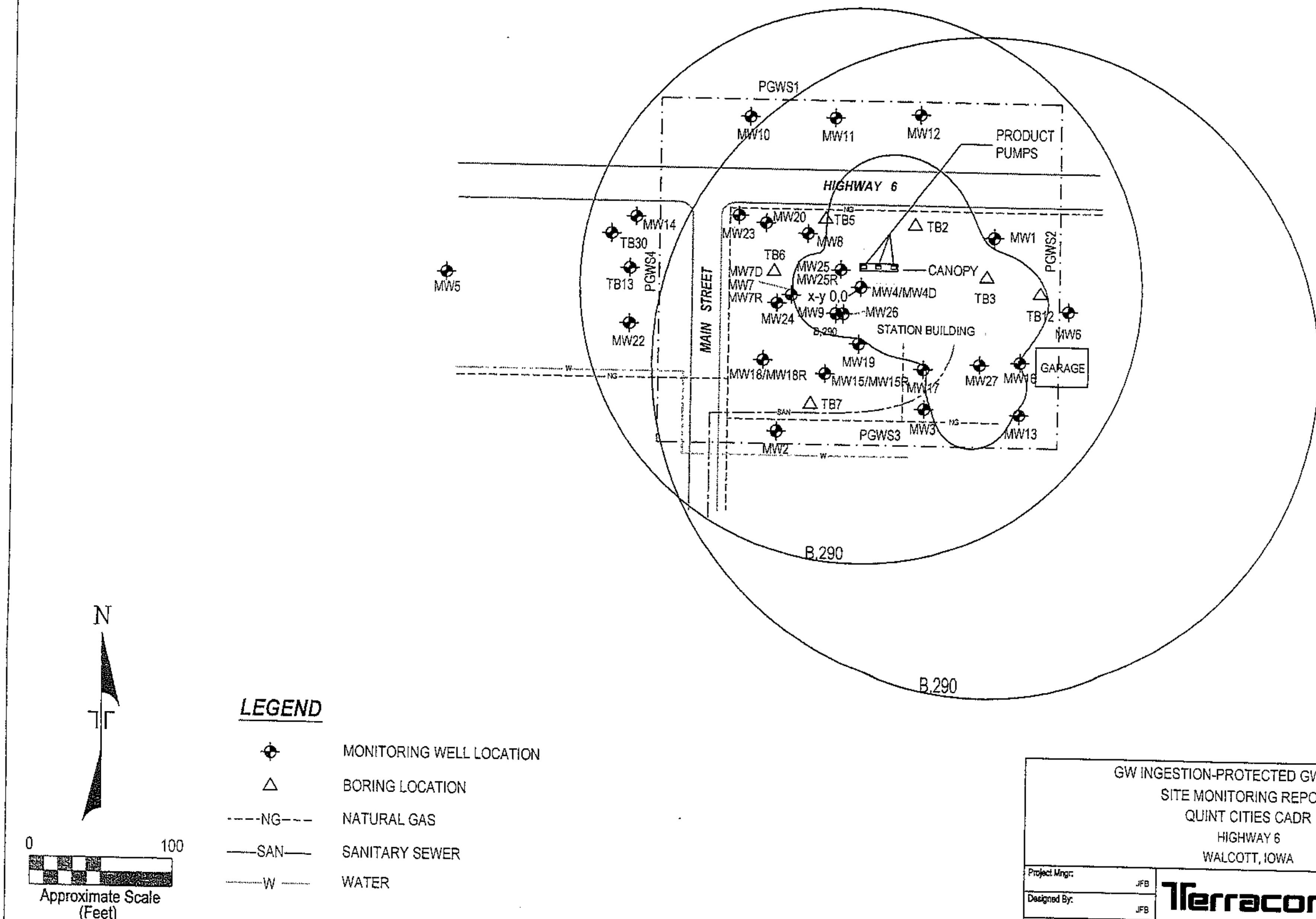
LEGEND

⌖	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.	07047068
Designed By: JFB		Scale:	AS SHOWN
Drawn By: KJR	870 40th Avenue	File No.	45008D02
Checked By: JFB	Bettendorf, Iowa 52722	Date:	OCT 2004
Approved By: JFB	Figure No.		2



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

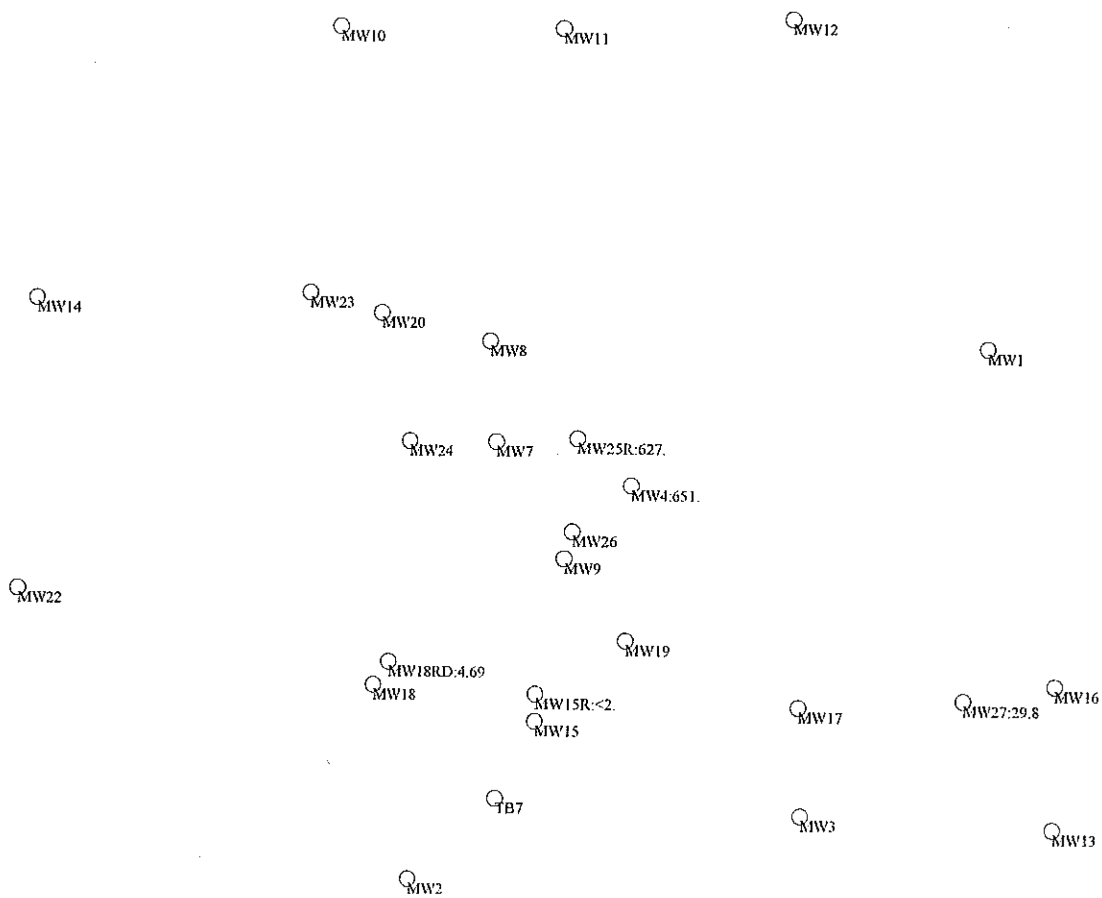
GW INGESTION-PROTECTED GW SOURCE
SITE MONITORING REPORT
QUINT CITIES CADR
HIGHWAY 6
WALCOTT, IOWA

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

Attachment 7
Groundwater Monitoring Results Map

SMR, Groundwater Monitoring Results Map: 10/01/2008, Benzene(ug/L) V-2.51, 8LTG01

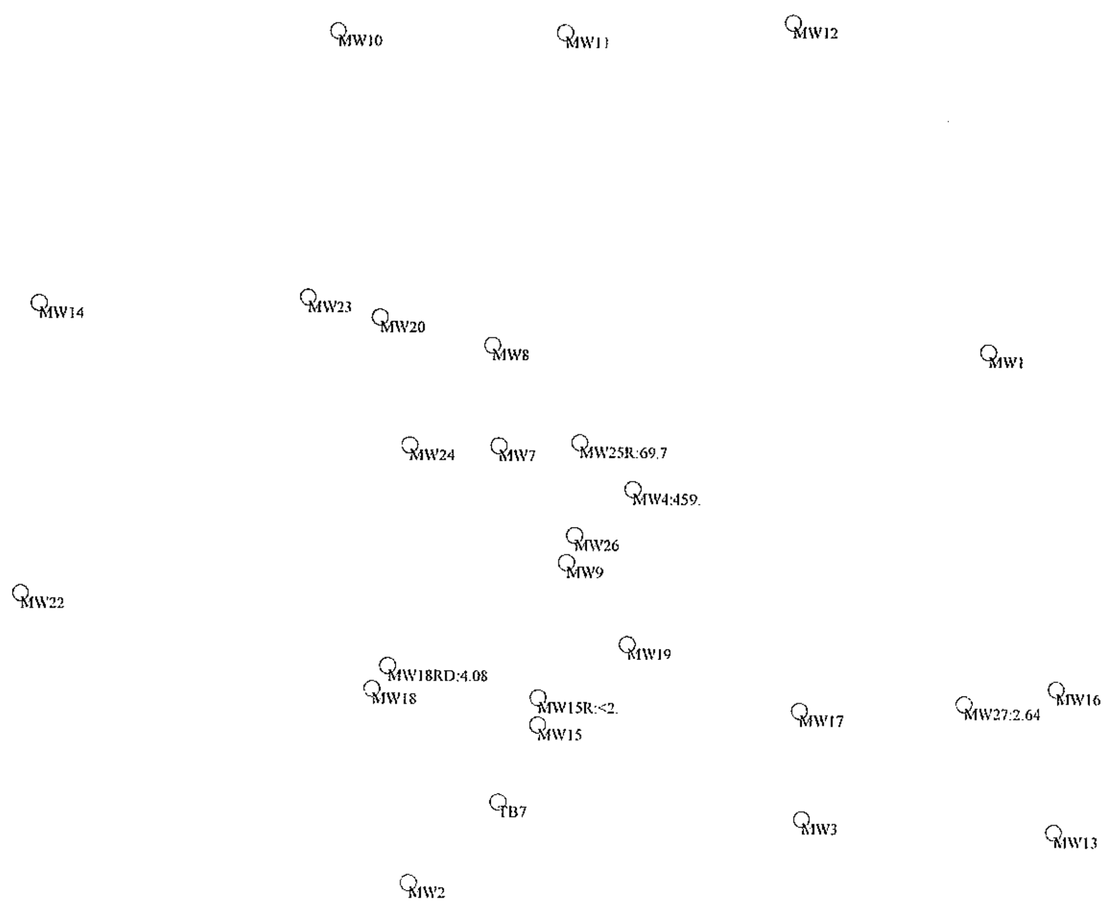
#: Most recent sample more than 6 months older than current risk date.



1 inch = 50 feet

SMR, Groundwater Monitoring Results Map: 10/01/2008, Toluene(ug/L) V-2.51, 8LTG01

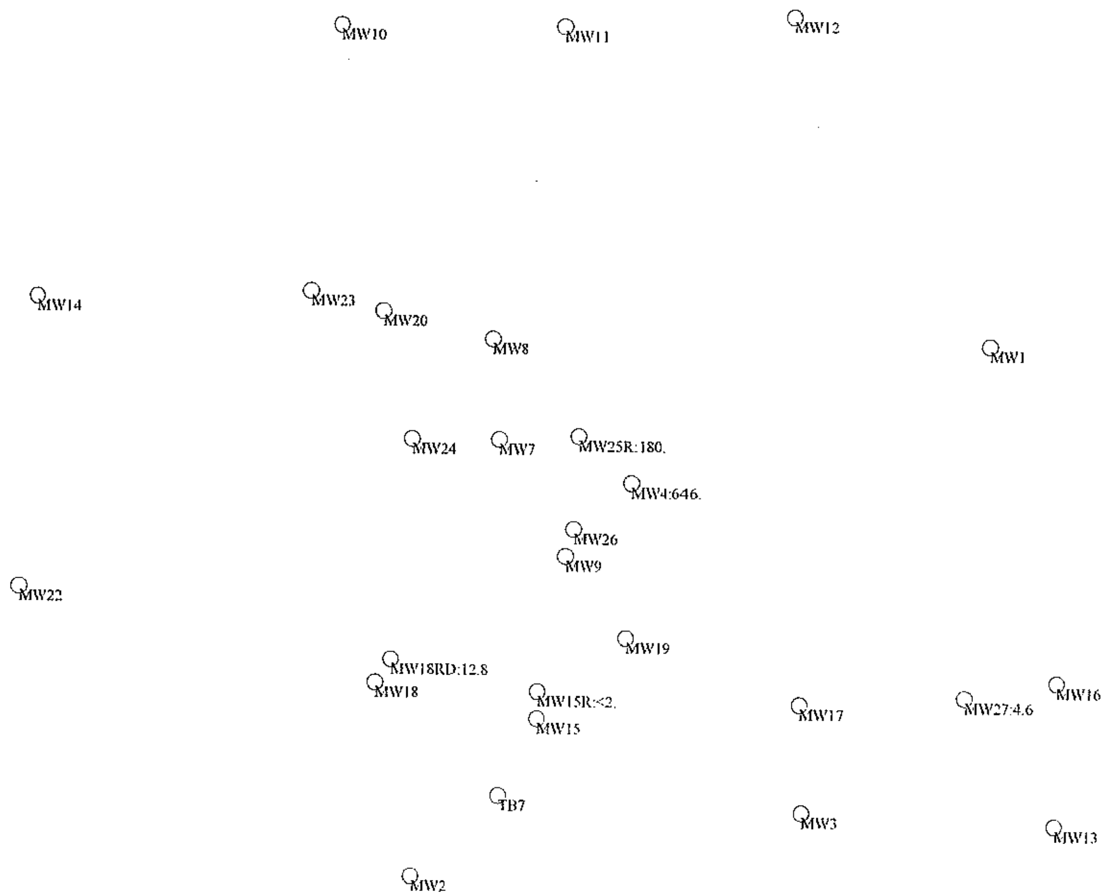
#: Most recent sample more than 6 months older than current risk date.



1 inch = 50 feet

SMR, Groundwater Monitoring Results Map: 10/01/2008, Ethylbenzene(ug/L) V-2.51, 8LTG01

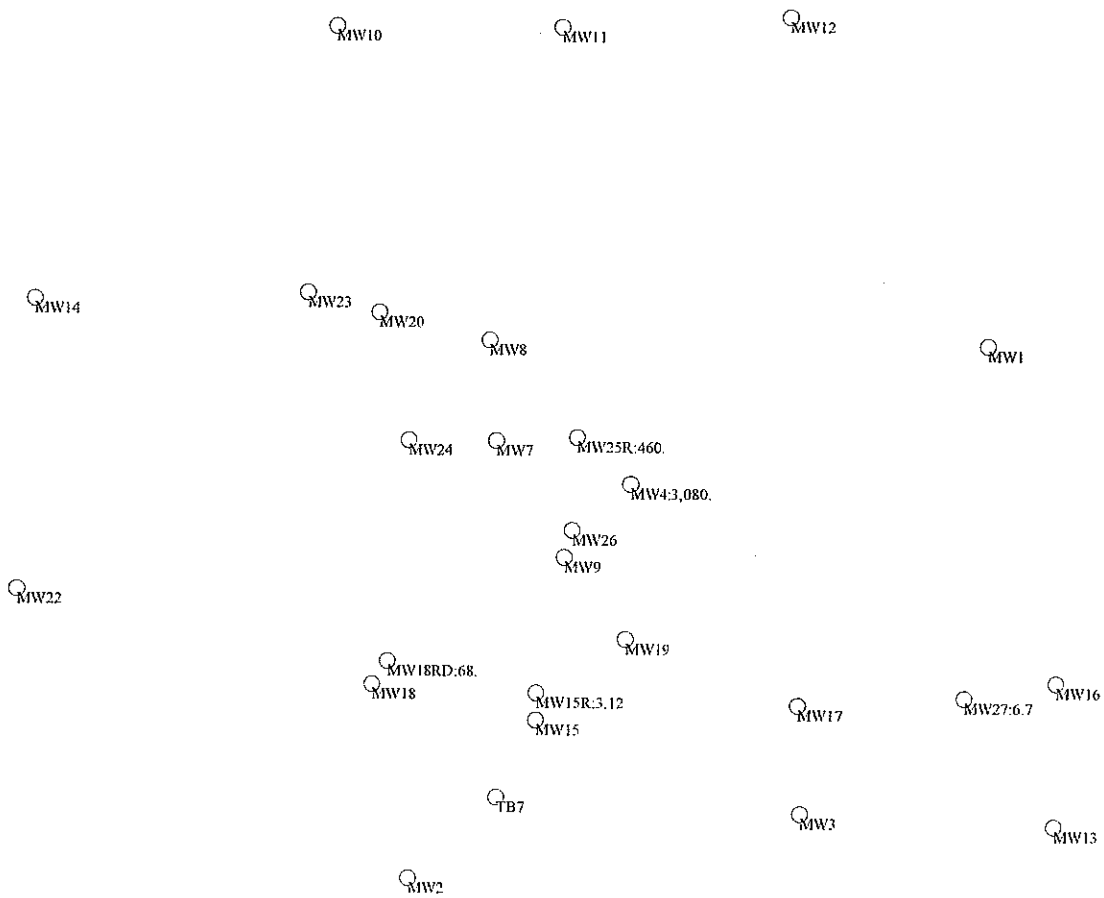
#: Most recent sample more than 6 months older than current risk date.



1 inch = 50 feet

SMR, Groundwater Monitoring Results Map: 10/01/2008, Xylenes(ug/L) V-2.51, 8LTG01

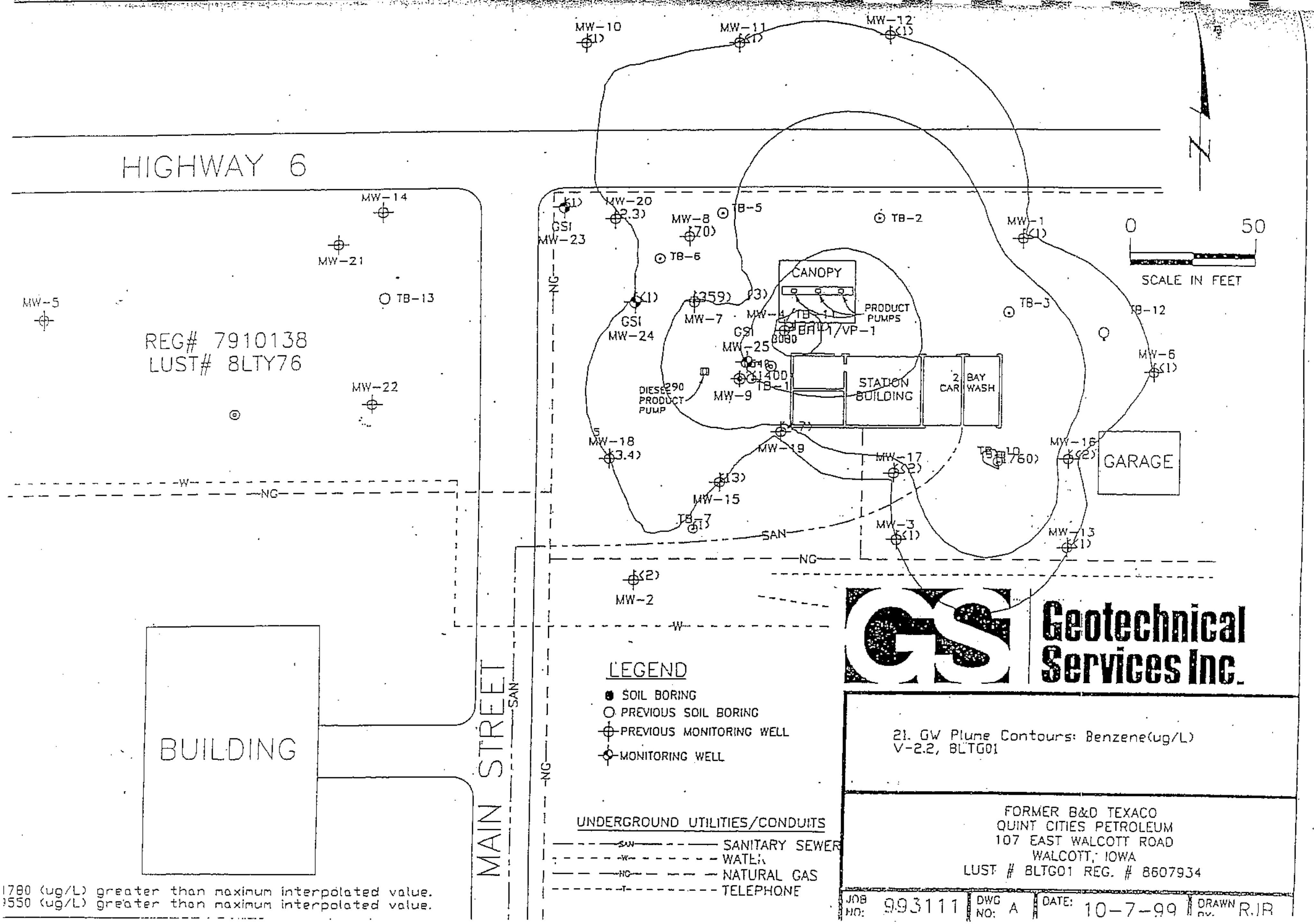
#: Most recent sample more than 6 months older than current risk date.



1 inch = 50 feet

Attachment 8
Groundwater Contamination Map

Copied from the Approved Tier 2 Report



LEGEND

- SOIL BORING
- PREVIOUS SOIL BORING
- PREVIOUS MONITORING WELL
- MONITORING WELL

UNDERGROUND UTILITIES/CONDUITS

- SAN — SANITARY SEWER
- W — WATER
- NG — NATURAL GAS
- T — TELEPHONE

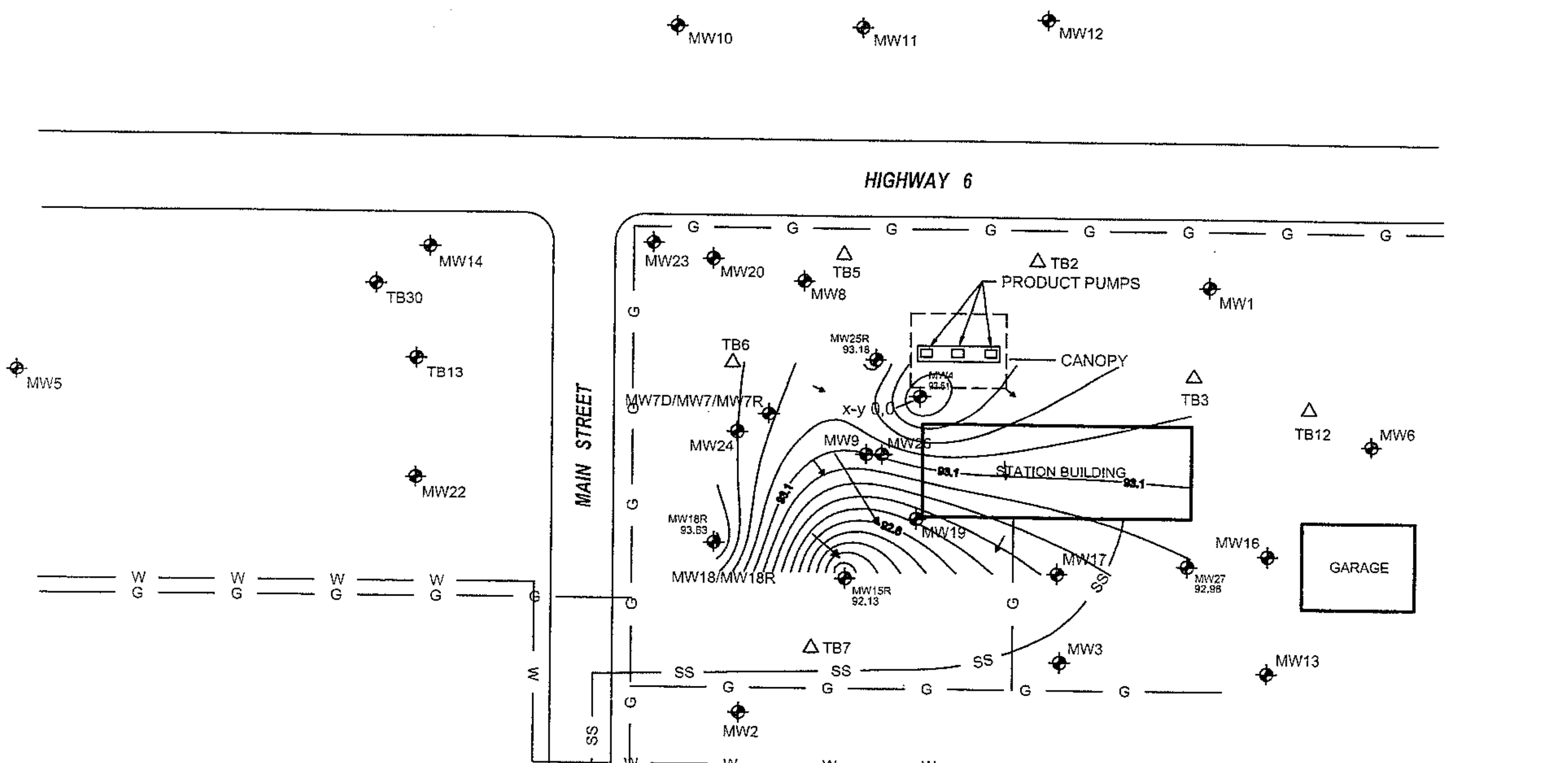
1780 (ug/L) greater than maximum interpolated value.
3550 (ug/L) greater than maximum interpolated value.

Geotechnical Services Inc.

21. GW Plume Contours: Benzene(ug/L)
V-2.2, BLTG01

FORMER B&D TEXACO
QUINT CITIES PETROLEUM
107 EAST WALCOTT ROAD
WALCOTT, IOWA
LUST # BLTG01 REG. # 8607934

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



GROUNDWATER MEASUREMENTS TAKEN ON SEPTEMBER 3, 2008

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

0 50
Approximate Scale
(Feet)

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES
N:\PROJECTS - OTHER OFFICES\BETTENDORF - 07\2008\07087049\DIAGRAMS\07087049 - 5B056D01 - REV 20081002a.dwg

GROUNDWATER FLOW DIRECTION DIAGRAM
SITE MONITORING REPORT
QUINT CITIES CADR
HIGHWAY 6
WALCOTT, IOWA

Project Mngr:	SAK	Terracon	Project No.	07087049
Designed By:	JWC		Scale:	AS SHOWN
Drawn By:	KJR (DAC)	870 40th Avenue	File No.	07087049
Checked By:	JFB	Bettendorf, Iowa 52722	Date:	Oct 2, 2008
Approved By:	JFB	Figure No.		1

Attachment 10
Analytical Data Sheets

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

September 08, 2008

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

Attn: Scott Kerr

Work Order: CRI0202
Project Name: Former B&D Texaco - Walcott, IA
Project Number: 07087049

Date Received: 09/04/08

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	CRI0202-01	09/02/08 17:00
MW-15R	CRI0202-02	09/03/08 08:05
MW-18R	CRI0202-03	09/03/08 08:55
MW-25R	CRI0202-04	09/03/08 10:10
MW-4	CRI0202-05	09/03/08 11:15
Duplicate	CRI0202-06	09/03/08

Samples were received into laboratory at a temperature of 2 °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 Miller

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

Iowa UST Lab Certification No. 007

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: CRI0202
Project: Former B&D Texaco - Walcott, IA
Project Number: 07087049

Received: 09/04/08
Reported: 09/08/08 13:52

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CRI0202-01 (MW-27 - Ground Water)					Sampled: 09/02/08 17:00		Recvd: 09/04/08 08:50		
Sampled By: Jay Fegley				Phone	563-355-0702				
UST Volatile Compounds by GC									
Benzene	29.8		ug/L	2.00	1	09/05/08 00:52	fmk	8090200	OA-1 - 8021B
Toluene	2.64		ug/L	2.00	1	09/05/08 00:52	fmk	8090200	OA-1 - 8021B
Ethylbenzene	4.60		ug/L	2.00	1	09/05/08 00:52	fmk	8090200	OA-1 - 8021B
Xylenes, total	6.70		ug/L	3.00	1	09/05/08 00:52	fmk	8090200	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*104 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/05/08 14:44	fmk	8090233	SW

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

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

Work Order: CRI0202
Project: Former B&D Texaco - Walcott, IA
Project Number: 07087049

Received: 09/04/08
Reported: 09/08/08 13:52

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CRI0202-02 (MW-15R - Ground Water)					**Sampled: 09/03/08 08:05**		**Recvd: 09/04/08 08:50**		
Sampled By: Jay Fegley				**Phone**	563-355-0702				
UST Volatile Compounds by GC									
Benzene	<2.00		ug/L	2.00	1	09/05/08 01:25	fmk	8090200	OA-1 - 8021B
Toluene	<2.00		ug/L	2.00	1	09/05/08 01:25	fmk	8090200	OA-1 - 8021B
Ethylbenzene	<2.00		ug/L	2.00	1	09/05/08 01:25	fmk	8090200	OA-1 - 8021B
Xylenes, total	3.14		ug/L	3.00	1	09/05/08 01:25	fmk	8090200	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*103 %*								
VOC Preservation Check									
pH	>2		units	2.00	1	09/05/08 14:44	fmk	8090233	SW

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

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

Work Order: CRI0202
Project: Former B&D Texaco - Walcott, IA
Project Number: 07087049

Received: 09/04/08
Reported: 09/08/08 13:52

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CRI0202-03 (MW-18R - Ground Water)						**Sampled: 09/03/08 08:55**		**Recvd: 09/04/08 08:50**	
Sampled By: Jay Fegley				**Phone**		563-355-0702			
UST Volatile Compounds by GC									
Benzene	<2.00		ug/L	2.00	1	09/05/08 01:59	fmk	8090200	OA-1 - 8021B
Toluene	<2.00		ug/L	2.00	1	09/05/08 01:59	fmk	8090200	OA-1 - 8021B
Ethylbenzene	<2.00		ug/L	2.00	1	09/05/08 01:59	fmk	8090200	OA-1 - 8021B
Xylenes, total	<3.00		ug/L	3.00	1	09/05/08 01:59	fmk	8090200	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*103 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/05/08 14:44	fmk	8090233	SW

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Project Coordinator

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THE LEADER IN ENVIRONMENTAL TESTING

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Bettendorf, IA 52722
Scott Kerr

Work Order: CRI0202

Project: Former B&D Texaco - Walcott, IA

Project Number: 07087049

Received: 09/04/08
Reported: 09/08/08 13:52

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CRI0202-04 (MW-25R - Ground Water)						**Sampled: 09/03/08 10:10**		**Recvd: 09/04/08 08:50**	
Sampled By: Jay Fegley				**Phone**		**563-355-0702**			
UST Volatile Compounds by GC									
Benzene	**627**		ug/L	2.00	1	09/05/08 02:32	fmk	8090200	OA-1 - 8021B
Toluene	**69.7**		ug/L	2.00	1	09/05/08 02:32	fmk	8090200	OA-1 - 8021B
Ethylbenzene	**180**		ug/L	2.00	1	09/05/08 02:32	fmk	8090200	OA-1 - 8021B
Xylenes, total	**460**		ug/L	3.00	1	09/05/08 02:32	fmk	8090200	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*115 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/05/08 14:44	fmk	8090233	SW

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: CRI0202

Project: Former B&D Texaco - Walcott, IA

Project Number: 07087049

Received: 09/04/08
Reported: 09/08/08 13:52

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CRI0202-05 (MW-4 - Ground Water)					**Sampled: 09/03/08 11:15**		**Recvd: 09/04/08 08:50**		
Sampled By: **Jay Fegley**				**Phone**	**563-355-0702**				
UST Volatile Compounds by GC									
Benzene	**651**		ug/L	2.00	1	09/05/08 03:05	fink	8090200	OA-1 - 8021B
Toluene	**459**		ug/L	2.00	1	09/05/08 03:05	fink	8090200	OA-1 - 8021B
Ethylbenzene	**646**		ug/L	2.00	1	09/05/08 03:05	fink	8090200	OA-1 - 8021B
Xylenes, total	**3080**		ug/L	30.0	10	09/05/08 15:50	fink	8090282	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*126 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/05/08 14:44	fink	8090233	SW

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
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TERRACON - BETTENDORF
870 40th Avenue
Bettendorf, IA 52722
Scott Kerr

Work Order: CRI0202
Project: Former B&D Texaco - Walcott, IA
Project Number: 07087049

Received: 09/04/08
Reported: 09/08/08 13:52

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CRI0202-06 (Duplicate - Ground Water)					Sampled: 09/03/08		Recvd: 09/04/08 08:50		
Sampled By: Jay Fegley				Phone	563-355-0702				
UST Volatile Compounds by GC									
Benzene	4.69		ug/L	2.00	1	09/05/08 03:39	fink	8090200	OA-1 - 8021B
Toluene	4.08		ug/L	2.00	1	09/05/08 03:39	fink	8090200	OA-1 - 8021B
Ethylbenzene	12.8		ug/L	2.00	1	09/05/08 03:39	fink	8090200	OA-1 - 8021B
Xylenes, total	68.0		ug/L	3.00	1	09/05/08 03:39	fink	8090200	OA-1 - 8021B
Surr: 4-Bromofluorobenzene (75-135%)	*105 %*								
VOC Preservation Check									
pH	<2.00		units	2.00	1	09/05/08 14:44	fink	8090233	SW

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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870 40th Avenue
Bettendorf, IA 52722
Scott Kerr

Work Order: CRI0202
Project: Former B&D Texaco - Walcott, IA
Project Number: 07087049

Received: 09/04/08
Reported: 09/08/08 13:52

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	8090200			ug/L	N/A	2.00	<2.00							
Toluene	8090200			ug/L	N/A	2.00	<2.00							
Ethylbenzene	8090200			ug/L	N/A	2.00	<2.00							
Xylenes, total	8090200			ug/L	N/A	3.00	<3.00							
Methyl tert-Butyl Ether	8090200			ug/L	N/A	5.00	<5.00							
Surrogate: 4-Bromofluorobenzene	*8090200*			ug/L					*104*		*75-135*			
Benzene	8090282			ug/L	N/A	2.00	<2.00							
Toluene	8090282			ug/L	N/A	2.00	<2.00							
Ethylbenzene	8090282			ug/L	N/A	2.00	<2.00							
Xylenes, total	8090282			ug/L	N/A	3.00	<3.00							
Methyl tert-Butyl Ether	8090282			ug/L	N/A	5.00	<5.00							
Surrogate: 4-Bromofluorobenzene	*8090282*			ug/L					*105*		*75-135*			

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

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

Work Order: CRI0202
Project: Former B&D Texaco - Walcott, IA
Project Number: 07087049

Received: 09/04/08
Reported: 09/08/08 13:52

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														
Surrogate: 4-Bromofluorobenzene	*8090200*			ug/L					*105*		*80-130*			
Benzene	8090200		48.0	ug/L	N/A	N/A	29.4		61		50-115			
Toluene	8090200		48.0	ug/L	N/A	N/A	33.2		69		65-110			
Ethylbenzene	8090200		48.0	ug/L	N/A	N/A	34.7		72		70-110			
Xylenes, total	8090200		144	ug/L	N/A	N/A	102		71		70-110			
Methyl tert-Butyl Ether	8090200		48.0	ug/L	N/A	N/A	29.5		61		25-120			
Surrogate: 4-Bromofluorobenzene	*8090200*			ug/L					*108*		*80-130*			
Surrogate: 4-Bromofluorobenzene	*8090282*			ug/L					*107*		*80-130*			
Benzene	8090282		48.0	ug/L	N/A	N/A	28.5		59		50-115			
Toluene	8090282		48.0	ug/L	N/A	N/A	32.4		68		65-110			
Ethylbenzene	8090282		48.0	ug/L	N/A	N/A	34.1		71		70-110			
Xylenes, total	8090282		144	ug/L	N/A	N/A	101		70		70-110			
Methyl tert-Butyl Ether	8090282		48.0	ug/L	N/A	N/A	28.6		59		25-120			
Surrogate: 4-Bromofluorobenzene	*8090282*			ug/L					*108*		*80-130*			

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

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

Work Order: CRI0202

Project: Former B&D Texaco - Walcott, IA

Project Number: 07087049

Received: 09/04/08
Reported: 09/08/08 13:52

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: CRI0149-01														
Benzene	8090200	0.169	48.0	ug/L	N/A	N/A	30.1	31.6	62	65	50-115	5	10	
Toluene	8090200	0.601	48.0	ug/L	N/A	N/A	33.5	33.7	68	69	65-110	1	10	
Ethylbenzene	8090200	0.719	48.0	ug/L	N/A	N/A	35.2	35.4	72	72	65-115	0	10	
Xylenes, total	8090200	2.12	144	ug/L	N/A	N/A	103	103	70	70	65-115	0	10	
Methyl tert-Butyl Ether	8090200	60.5	48.0	ug/L	N/A	N/A	88.9	90.3	59	62	25-115	1	35	
Surrogate: 4-Bromofluorobenzene	*8090200*			ug/L					*107*	*108*	*80-135*			
QC Source Sample: CRH1534-10														
Benzene	8090282	0.302	48.0	ug/L	N/A	N/A	29.2	28.9	60	60	50-115	1	10	
Toluene	8090282	0.524	48.0	ug/L	N/A	N/A	33.1	32.8	68	67	65-110	1	10	
Ethylbenzene	8090282	0.334	48.0	ug/L	N/A	N/A	34.4	34.2	71	70	65-115	1	10	
Xylenes, total	8090282	1.33	144	ug/L	N/A	N/A	101	100	69	69	65-115	1	10	
Methyl tert-Butyl Ether	8090282	0.0830	48.0	ug/L	N/A	N/A	28.5	29.2	59	61	25-115	2	35	
Surrogate: 4-Bromofluorobenzene	*8090282*			ug/L					*106*	*108*	*80-135*			

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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.

DATA QUALIFIERS AND DEFINITIONS

>2   >2

ADDITIONAL COMMENTS

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

TestAmerica INCORPORATED

Cedar Falls Division
704 Enterprise Drive
Cedar Falls, IA 50613

Phone: 319 - 277 - 2401 or 1 - 800 - 750 - 2401
Fax: 319 - 277 - 2425

Company: Terracon
Send Report To: Scott Kure
Address: 870 Hornaur
City/State/Zip Code: Bettendorf, IA 52722
Telephone Number: 563-355-0702 Fax: 563.355.4789
Sampled by: (Print Name) Jay Feagley
(Signature) Jay Feagley

Your PO #:
Invoice To: Scott Kure
TA Quote #:
Project Name: Former B&D Texaco
Project Number: 07087049
Project Manager: Scott Kure
Proj. Mgr. Telephone:

Sample ID	Date Sampled	Time Sampled	# of containers shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO$_3$ (Red & White Label)	HCl (Blue & White Label)	NaOH (Orange & White Label)	H$_2$SO$_4$ Plastic (Yellow & White Label)	H$_2$SO$_4$ Glass (Yellow & White Label)	None (Black & White Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other Specify:	Analyze For: OA-1	RUSH TAT (Must call ahead)	Standard TAT	Fax Results	Send QC with report
MW-27	9/3/08	17:00	3	x			x		3						x						x		x		
MW-15R	9/3/08	8:05	3	x			x		3						x						x		x		
MW-18R	9/3/08	8:55	3	x			x		3						x						x		x		
MW-25R	9/3/08	10:10	3	x			x		3						x						x		x		
MW-4	9/3/08	11:15	3	x			x		3						x						x		x		
Duplicate	9/3/08	—	3	x			x		3						x						x		x		

NOTE: All turn around times are calculated from the time of receipt at TestAmerica.
NOTICE: Pre-Arrangements must be made *AT LEAST 48 Hours in ADVANCE* to receive results with RUSH turn around time commitments; *additional charges* may be assessed.
NOTE: There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES: No MTBE

Relinquished by:	Date	Time	Received by:	Date	Time	Relinquished by:	Date	Time
Jay Feagley	9/3/08	12:30 PM	[signature]	9/3/08	1355	[signature]	9/3/08	1530

Shipped Via:
Comments:
Shipped Via:

Received for TestAmerica by:	Date	Time	Temperature Upon Receipt:	Laboratory Comments:
Edna Muckleroy	9/4/08	8:50		

TestAmerica
ANALYTICAL TESTING CORPORATION
704 Enterprise Drive • Cedar Falls, IA 50613 • 800-750-2401 • 319-277-2425 Fax

Sample Receipt and Temperature Log Form

Client: Terracon   Project: Fmr. B & D Texaco

City: ______

Date: 9-4-08 Receiver's Initials: CH Time (Delivered): 8:50

Temperature Record:

Cooler ID# (If Applicable) QCCSC

2.4 °C On Ice

- [x] Temp Blank
- [ ] Temperature out of compliance

Thermometer:

- [x] IR - 61997670 'A'
- [ ] IR - 61997671 'B'
- [ ] IR - 61854108
- [ ] 22126775

Courier:

- [x] UPS
- [ ] FedEx
- [ ] DHL
- [ ] US Postal Service
- [ ] Spee-Dee
- [ ] TA Courier
- [ ] TA Field Services
- [ ] Client
- [ ] Other ______

Custody seals present?
- [x] Yes

Custody seals intact?
- [x] 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 CF01-01 for Temperature Criteria

Attachment 12
Documentation

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, 527730000
XY UTM Coordinates: 685513/4607356
Search Radius(ft.): 1000

Date: 10/1/2008

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							

Computer Disk