MAXIM TECHNOLOGIES INC

CON 12-15
Doc #13804

June 28, 2002

Mr. James Huneston
Iowa Department of Natural Resources
Underground Storage Tank Section
Wallace Building
502 East 9th Street
Des Moines, IA 50319-0034

Subject: Corrective Action Design Report Extension Request
Former Schroeder's Standard
225 South Lawler
Postville, Iowa
LUST No. 7LTH48 / Tank Reg. No. 8605701
Maxim Project #1370024

Dear Mr. Humeston:

On behalf of Ms. Geraldine Cook, Maxim Technologies, Inc. respectfully requests a Corrective Action Design Report (CADR) submittal date of October 25, 2002 be assigned to this project. To date additional field and groundwater analytical data (attached) have been collected for the CADR. The extension is requested due to historical groundwater analytical data that indicates dry cleaning solvents present along with the petroleum hydrocarbons, which presents complexities in the disposal of excavated soils. Therefore, it is Maxim's intent to conduct additional soil and soil gas analysis as part of the 3rd quarter 2002 SMR. The extension for submittal of the CADR will provide time for Maxim to address the soil contaminant issue, submit a SMR for 2002, complete the CADR and allow the client time for review.

If you have any questions regarding this request please contact me at 319-232-6591 or by e-mail ghiester@maximusa.com.

Respectfully,

MAXIM TECHNOLOGIES, INC.

Gaylen D. Hiesterman
Project Manager
CGP #1619

Former Schroeder's Standard

Geraldine Cook

GDH/mho

Attachments: Analytical Reports

2002 JUL -2 A 9:47
DEPT OF NATURAL RESOURCES

2213 LaPorte Road * Waterloo, IA 50702 * 319-232-6591 * 319-232-0373 FAX

"Providing Cost-Effective Solutions to Clients Nationwide"

Keystone
LABORATORIES, INC.

ANALYTICAL REPORT

Tom Kabis
Groundwater Resource Consultants
P.O. Box 2160
Des Moines, IA 50310
515-274-2614

Report Date: 8/1/90

Collected: 7/24/90 8:30 AM

Collector: L. Luvaas

Work Order: 9007.101
Sample No: 903760

Date Received: 7/27/90

Location: Schroeders Standard, Postville, IA
Description: W-7-MW1 (EMW1)
Sample Matrix: water

Comments: Job No. 89124S

Total Extractable Hydrocarbons are extracted by SW-846 Method 3510 for water matrices and SW-846 Method 3550 for soil matrices.

Date Analyzed: 7/30/90

PARAMETER	RESULT	QUANT LIMIT	METHOD
Tetrachloroethane	4,450 ug/L	1 ug/L	SW-846 8015

Analyst: JNK

Keystone Laboratories, Inc.

Jeffrey N. King, Ph.D.

Huntingdon

4123 South 67th Street
Omaha, Nebraska 68117
Phone (402) 331-4453
(Chem/NDT) Fax (402) 331-8779

ORGANICS REPORT

Project Name/ Location	BTEX Analysis on Water Former Schroeder's Standard Station, 225 South Lawler, Postville, IA		
Client:	Geraldine Schroeder 4565 Winghaven Drive Waterloo, Iowa 50701 (319) 234-3866	Job No.: Lab No.:	6210-95-024.063 7700-95-202 C 3605-3613
Ordered by:	William Althaus III/Huntingdon-Waterloo (319)232-6591	Date Rec'd: Report Date: Fax Date:	5-2-95 5-11-95 5-11-95
Submitted by:	Huntingdon-Waterloo (Airborne)		
Test Method:	EPA 8020; Modified EPA 602; Purge & Trap, OA-1		

TEST RESULTS

Lab No.:	C 3605	C 3606	C 3607	C 3608	C 3609
Sample I.D.:	EMW-1	EMW-2	EMW-3	EMW-4	EMW-5
Sample Type:	Water	Water	Water	Water	Water
Sample Date:	4-28-95	4-28-95	4-28-95	4-28-95	4-28-95
Benzene:	<1	<1	31	560	<1
Toluene:	<1	<1	4	105	<1
Ethylbenzene:	<1	<1	9	179	<1
Total Xylene:	<1	<1	8	369	<1
Tetrachloroethene	692	<5	<5	<5	<5
TH Gas:	469	<10	484	4,500	<10
% Surrogate Recovery:	99	99	99	99	99
Analyst/Date:	SF/5-3	5-2	5-2	5-2	5-2

Comments: All units are µg/L (ppb) for water
Method Detection Limits: BTEX = 1 ppb; Tetrachloroethene = 5 ppb; THGas = 10 ppb

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OFFICIAL COPY IN RED

RESULTS SHOWN ARE RESULTS OBTAINED ONLY ON SAMPLES BY METHOD SHOWN, AND DO NOT NECESSARILY CONSTITUTE APPROVAL BY US OF THE SOURCE OR PRODUCT FROM WHICH SAMPLE WAS TAKEN

TEST RESULTS

Lab No.:	C 3610	C 3611	C 3612	C 3613
Sample I.D.:	MW-~~8~~1 RCS	MW-~~7~~2 RCS	MW-~~8~~3 RCS	MW-~~9~~4 RCS
Sample Type:	Water	Water	Water	Water
Sample Date:	4-28-95	4-28-95	4-28-95	4-28-95
Benzene:	4	<1	1	<1
Toluene:	2	<1	<1	<1
Ethylbenzene:	<1	<1	<1	<1
Total Xylene:	1	<1	1	<1
Tetrachloroethene	215	<5	<5	<5
TH Gas:	625	<10	197	<10
% Surrogate Recovery:	99	99	99	99
Analyst/Date:	SF/5-3	5-3	5-3	5-3

Comments: All units are μg/L (ppb) for water
Method Detection Limits: BTEX = 1 ppb; Tetrachloroethene = 5 ppb; THGas = 10 ppb

CC: (2) Client

Huntingdon Engineering & Environmental, Inc.

5/12/95

Seth Frishman, Chemistry Manager
SF/cjw-et

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MAXIM TECHNOLOGIES INC

4123 South 67th Street
OMAHA, NE 68117
(402) 331-4453 • FAX (402) 331-8779

ORGANICS REPORT

Project Name/ Location	BTEX Analysis on Water Former Schroeder's Standard Station, 225 South Lawler, Postville, IA		
Client:	Geraldine Schroeder 4565 Winghaven Drive Waterloo, Iowa 50701 (319) 234-3866	Job No.: Lab No.:	6210-95-024.063 7700-95-202 C 4533-4536
Ordered by:	William Althaus III/Huntingdon-Waterloo (319)232-6591	Date Rec'd: Report Date: Fax Date:	6-22-95 7-25-95 7-25-95
Submitted by:	Huntingdon-Waterloo (Airborne)		
Test Method:	EPA 8020; Modified EPA 602; Purge & Trap, OA-1		

TEST RESULTS

Lab No.:	C 4533	C 4534	C 4535	C 4536
Sample I.D.:	MW-7	MW-5	MW-8	MW-6
Sample Type:	Water	Water	Water	Water
Sample Date:	6-20-95	6-20-95	6-20-95	6-20-95
Benzene:	<1	299	<1	2,960
Toluene:	<1	99	<1	1,490
Ethylbenzene:	<1	352	<1	3,910
Total Xylene:	<1	573	<1	7,920
Tetrachloroethene:	399	<5	<5	>25,000
TH Gas:	<10	9,410	<10	549,000
% Surrogate Recovery:	99	99	99	99
Analyst/Date:	SF/7-3-95	7-3-95	7-3-95	7-3-95

Comments: All units are µg/L (ppb) for water
Method Detection Limits: BTEX = 1 ppb; Tetrachloroethene = 5 ppb; THGas = 10 ppb

CC: (2) Client

HUNTINGDON ENGINEERING & ENVIRONMENTAL — OFFICIAL COPY IN RED

Submitted by:

Seth Frishman, Chemistry Manager
SF/cjw

Nebraska Analytical Testing Laboratories
4123 South 67th Street ▪ Omaha, NE 68117
402-331-0935 ▪ FAX: 402-331-8779

ORGANICS REPORT

Project Name:	BTEX and MTBE Analysis on Water		
Location:	Former Schroeder's Standard, Postville, IA		
Client:	Former Schroeder's Standard Attn: Geraldine Cook P.O. Box 307 Postville, IA 52162	Job No.: Project No: Lab No.:	MWA-00-100 1370024 C 2827-2831
Ordered by:	Gaylen Hiesterman/ Maxim-Waterloo	Date Rec'd: Report Date: Fax Date:	3-24-01 3-29-01 3-29-01
Submitted by:	Maxim-Waterloo 319-232-6591		
Test Method:	Purge & Trap, OA-1		

TEST RESULTS

Lab No.:	C 2827[1]	C 2828	C 2829[2]	C 2830	C 2831
Sample I.D.:	EMW-4	EMW-5	MW-6	MW-5	MW-3
Sample Type:	Water	Water	Water	Water	Water
Sample Date:	3-23-01	3-23	3-23	3-23	3-23
pH (Std Units):	<2	5	<2	7	3
MTBE:	<150	<15	<75	<15	107
Benzene:	876	459	5,030	2	270
Toluene:	751	33	310	<1	14
Ethylbenzene:	724	305	1,580	<1	865
Total Xylene:	2,460	1,050	5,810	<2	370
% Surrogate Recovery:	99	99	99	99	99
Analyst/Date:	SF/3-26	3-27	3-28	3-25	3-28

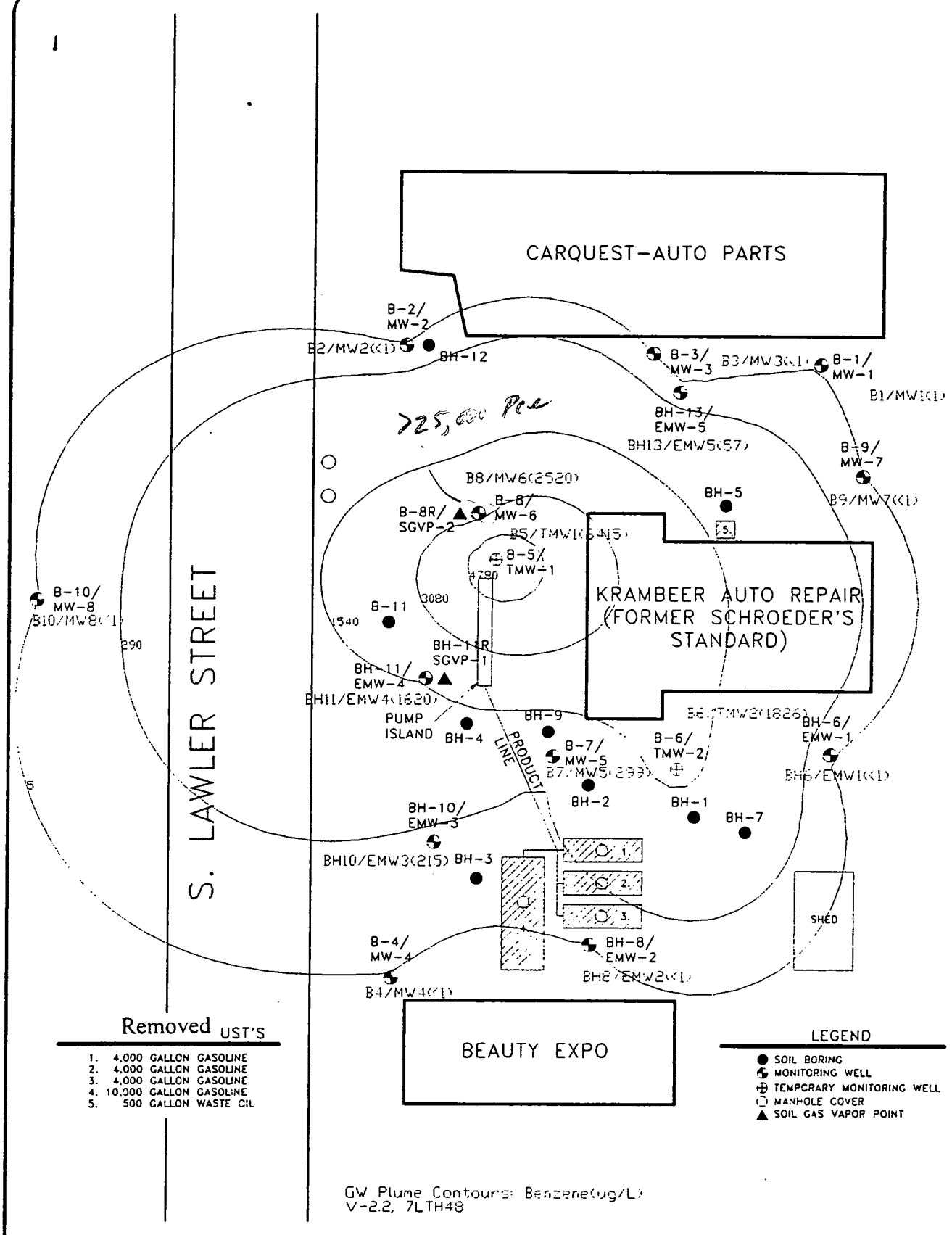
Comments: All units are µg/L (ppb)
Method Detection Limits: BTE = 1 ppb; Xylene = 2 ppb; MTBE = 15 ppb
MTBE = Methyl tert-Butyl Ether
[1] Dilution is 10X
[2] Dilution is 5X
IA Lab Certification No: 139

CC: Client

Submitted by:

3/29/01

Seth Frishman, Chief Scientist
SF/pt



Removed UST'S

1. 4,000 GALLON GASOLINE
2. 4,000 GALLON GASOLINE
3. 4,000 GALLON GASOLINE
4. 10,000 GALLON GASOLINE
5. 500 GALLON WASTE OIL

LEGEND

- SOIL BORING
- MONITORING WELL
- TEMPORARY MONITORING WELL
- MANHOLE COVER
- SOIL GAS VAPOR POINT

GW Plume Contours: Benzene(ug/L)
V-2.2, 7LTH48

GW PLUME CONTOURS (BENZENE)

FORMER SCHROEDER'S STANDARD
225 SOUTH LAWLER
POSTVILLE, IOWA

MAXIM
TECHNOLOGIES INC

PROJECT #: 9905559	FIGURE:
DRAWN BY: TJP	REVIEWED BY: GDH
DATE: 6/29/00	SCALE: 1"=30'