

GIS REGISTRY INFORMATION

SITE NAME: E. Engel Estate

BRRTS # and FID #: 03-68-380240, 02-68-506971, 268333890

CLOSURE DATE: 04/06/2004

STREET ADDRESS: S96 W19656 Henneberry Dr.

CITY: Muskego

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

670666 268765

OFF-SOURCE CONTAMINATION (>ES): Yes No
(if there are more than 2 off-source properties, make a note and attach additional sheet(s))

IF YES, STREET ADDRESS 1: _____

GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

IF YES, STREET ADDRESS 2: _____

GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

CONTAMINATION IN RIGHT OF WAY: Yes No

CONTAMINATED MEDIA: (Groundwater, Soil or Both?) Soil

DOCUMENTS NEEDED:		
Closure Letter, and any conditional closure letter issued	x	
Copy of most recent deed, including legal description, for all affected properties	x	
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties	x	
County Parcel ID number, if used for county, for all affected properties	x	
Location Map which outlines all properties within contaminated site boundaries in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy)	x	
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy)	x	
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	x	Soil
Isoconcentration map(s), if available from site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of contamination defined. If not available, include the following 2 types of maps:	x	Soil Sample Location
Latest groundwater flow/monitoring well location map	na	
Latest extent of contaminant plume map	na	
Geologic cross-sections, if available from SI. (8.5x14" if paper copy)	na	
RP certified statement that legal descriptions are complete and accurate	x	
Copies of off-source notification letters (if applicable)	na	
Letter informing ROW owner of residual contamination (if applicable)	na	
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure.	na	



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Waukesha Service Center
141 NW Barstow St.
Room 180
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

April 6, 2004

Ms. Cheryl Mueller
9504 W. Harding
West Allis, WI 53227

FID# 268333890
BRRTS# 03-68-380240
BRRTS# 02-68-506971

Subject: Final Case Closure for E. Engel Estate, S96 W19656 Henneberry Dr., Muskego

Dear Ms. Mueller:

On March 10, 2004, you were notified that conditional closure was granted to this case. On March 24, 2004, the Department received correspondence indicating that you have complied with the conditions of closure. These conditions were monitoring well abandonment and investigative waste disposal. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time. Furthermore, the NR 140.28 PAL exemption described in the conditional closure letter dated March 10, 2004 is now in effect.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm> If your property is listed on the GIS Registry due to groundwater contamination exceeding ch. NR 140 standards at the time of closure, and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (262) 574-2140.

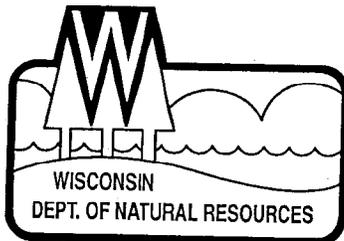
Sincerely,

Brenda H. Boyce, P.G.
Hydrogeologist

Remediation and Redevelopment Program

C: Mark H. Krueger - Sigma Environmental Services, Inc.

Rick Graham - DATCP



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Waukesha Service Center
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Telephone 262-574-2100
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March 10, 2004

Ms. Cheryl Mueller
9504 W. Harding
West Allis, WI 53227

FID# 268333890
BRRTS# 03-68-380240
BRRTS# 02-68-506971

Subject: Conditional Case Closure for E. Engel Estate, S96 W19656 Henneberry Dr., Muskego

Dear Ms. Mueller:

The Wisconsin Department of Natural Resources (Department) received the third closure request document on February 18, 2004 for the above-referenced site. After careful review of the closure request, the Department has determined that the petroleum and organochlorine pesticide contamination on the site from releases near the former barn and greenhouse appear to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

1. The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Ms. Victoria Stovall on Form 3300-5B found at www.dnr.state.wi.us/org/water/dgw/gw/ or provided by the Department of Natural Resources.
2. Any remaining waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Please send a letter advising me that any remaining waste and/or soil piles have been removed once that work is completed.

When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>

Recent groundwater monitoring data at this site indicates exceedances of the NR 140 preventive action limit (PAL) for benzo(a)pyrene at MW-3. The Department may grant an exemption to a PAL for a substance of public health concern, other than nitrate, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, if all of the following criteria are met:

1. The measured or anticipated increase in the concentration of the substance will be minimized to the extent technically and economically feasible.
2. Compliance with the PAL is either not technically or economically feasible.

3. The enforcement standard for the substance will not be attained or exceeded at the point of standards application.
4. Any existing or projected increase in the concentration of the substance above the background concentration does not present a threat to public health or welfare.

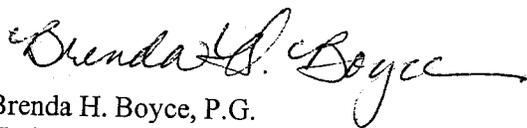
Based on the information you provided, the Department believes that the above criteria have been or will be met based on the remedial action taken at the site. Therefore, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, an exemption to the PAL is granted for benzo(a)pyrene at MW-3. This letter serves as your exemption.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

The Department appreciates the actions you have taken to restore the environment at this site. If you have any questions regarding this letter, please contact me at (262) 574-2140.

Sincerely,



Brenda H. Boyce, P.G.
Hydrogeologist
Remediation and Redevelopment Program

C: Mark H. Krueger – Sigma Environmental Services, Inc.
Rick Graham - DATCP

DOCUMENT NO.
1204253

TRANSEER
21.60
FEE

1204253
QUIT CLAIM DEED
STATE BAR OF WISCONSIN - FORM 3
THIS SPACE RESERVED FOR THE OFFICIAL SEAL
REGISTER'S OFFICE
WAUKESHA COUNTY, WIS. } SS
RECORDED IN

1983 FEB 14 AM 10:09

528 IMAGE 513

Ralph W. Raasch
REGISTER DEED CLERK

REEL 528 IMAGE 503

ARTHUR J. ENGEL, unmarried

quit-claims to EWALD O. ENGEL and ELEANOR ENGEL, his wife for one dollar and other good and valuable considerations to him in hand paid

the following described real estate in Waukesha County, State of Wisconsin:

conveying the same property conveyed by Herbert J. Tesch and Eleanor H. Tesch, his wife, to Arthur J. Engel, by Warranty Deed dated the 10th day of February, 1954 and recorded in the office of the Register of Deeds for Waukesha on the 13th day of February, 1954 at 8:34 o'clock A.M. in Volume 624 of Deeds on Page 437, Document No. 392637; and conveying the same property conveyed by Herbert J. Tesch and Eleanor H. Tesch, his wife, to Arthur J. Engel, by Warranty Deed dated the 10th day of February, 1954 and recorded in the office of the Register of Deeds for Waukesha on the 13th day of February, 1954 at 8:36 o'clock A.M. in Volume 624 of Deeds on Page 439, Document No. 392638; and conveying the same property conveyed by Ewald O. Engel and Eleanor Engel, his wife, to Arthur J. Engel, by Warranty Deed dated the 10th day of February, 1954 and recorded in the office of the Register of Deeds for Waukesha on the 13th day of February, 1954 at 8:38 o'clock A.M. in Volume 624 of Deeds on Page 441, Document No. 392639.

RETURN TO Ralph W. Raasch
3046 S. 13th Street
Milwaukee, WI 53215

This is not homestead property.
 (is not)

Dated this 8th day of February, 1983

(SEAL)

Arthur J. Engel
Arthur J. Engel

(SEAL)

(SEAL)

(SEAL)

AUTHENTICATION

Signatures authenticated this 8th day of February, 1983

Ralph W. Raasch

TITLE: MEMBER STATE BAR OF WISCONSIN

(if not authorized by § 708.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Ralph W. Raasch, Attorney

(Signatures may be authenticated or acknowledged. Both are not necessary.)
The use of witnesses is optional.

ACKNOWLEDGMENT

STATE OF WISCONSIN

SS.

County.

Personally came before me, this _____ day of _____ the above named _____

to me known to be the person _____ who executed the foregoing instrument and acknowledge the same.

Notary Public _____ County, Wis.
My Commission is permanent. (If not, state expiration date: _____, 19____.)

*Names of persons signing in any capacity should be typed or printed below their signatures.

The East 7.5 acres of the West 1/2 of the Northeast 1/4 of the Southwest 1/4 of Section 20, also; the East 27.5 acres of the South 1/2 of Northwest 1/4 of Section 20 all in Township 5 North of Range 20 East, excepting 6 acres heretofore sold to William Welch from the North end of the last described lot.

Also: The West 1/2 of the Northwest 1/4 of the Southeast 1/4.

Also: The East 1/2 of the Northeast 1/4 of the Southwest 1/4.

Also: A 2.5 acre piece of land taken from the Northeast 1/4 of the Southwest 1/4 described as commencing at a point 5 Chains (330 feet) East of the Southwest corner of 1/4 Section, being the Southeast corner of William Welch's Lot; thence North along the East line of Welch's land 20 Chains (1320) feet to the East and West 1/4 line; thence East on 1/4 line 1.25 Chains (82.5 feet) to John Langley's land, thence South along West line of Langley's land 20 Chains (1320 feet) to the 1/16 line; thence West on 1/16 line 1/25 Chains (82.5 feet) to beginning.

Also: The East 1/2 of the East 1/2 of the Southwest 1/4 of the Northwest 1/4. Also: The West 12.5 acres of the Southeast 1/4 of the Northwest 1/4. Also: The Southwest 1/4 of the Southwest 1/4 of the Northeast 1/4; all in Section 20, in Township 5 North, of Range 20 East, in the City of Muskego

ADDENDUM

Borrower: Estate of Eleanore Engel		File No.: 1125
Property Address: S92 W19656 Henneberry Drive		Case No.:
City: Muskego	State: WI	Zip: 53150
Lender: Prepared for Alexandra Waeffler, S.C.		

Legal Description

- Parcel #2238-992 - The E 50 AC of S1/2 NW1/4 EX 6 AC as Descr in Vol 167/210 of Deeds SW 1/4 SW 1/4 Ne 1/4 W 1/2 NW 1/4 SE 1/4 & THE E 30 AC N 1/2 SW 1/4 Sec 20 T5N R20E 104 AC. R2649/667 TJP 4/98
- Parcel #2238-993 - PT SE 1/4 NW1/4 Sec 20 T5N R20E Com at NE Cor, TH W 13.75 C, TH S 4.37 C, TH E 13.75 C, TH N 4.37 C to BGN. Sec 20 T5N R20E 6 AC & R/Ways V624/439 R528/503 QCD 2/83 R2649/667
- Parcel #2237-995 - E 1/2 E 1/2 SW 1/4 NE 1/4 EX 1 Rod Strip Sec 20 T5N R20E R2649 / 667 TJP
- Parcel #2237-996 - W 1/2 E 1/2 SW 1/4 NE 1/4 Ex 1 Rod Strip Sec 20 T5N R20E R528 / 503 QCD 2/83 R2649 / 667 TJP 4/98
- Parcel #2237-997 - NW 1/4 SW 1/4 NE 1/4 Sec 20 T5N R20E R2649 / 667 TJP 4/30

Condition of Improvements

The subject is in average to fair overall condition. No functional or external obsolescence was observed. Physical depreciation was based on the actual age and observed condition of improvements at the time of inspection. At the time of inspection there was substantial water seepage noted in the basement. We would recommend a foundation inspection to verify soundness. There are a number of deferred maintenance items; exterior stone walls in need of some repair, soffits in need of repair, the interior walls of breezeway are unfinished, interior surfaces are dated in appearance (walls/flooring), enclosed porch sliding thermopane doors have failed (clouded).

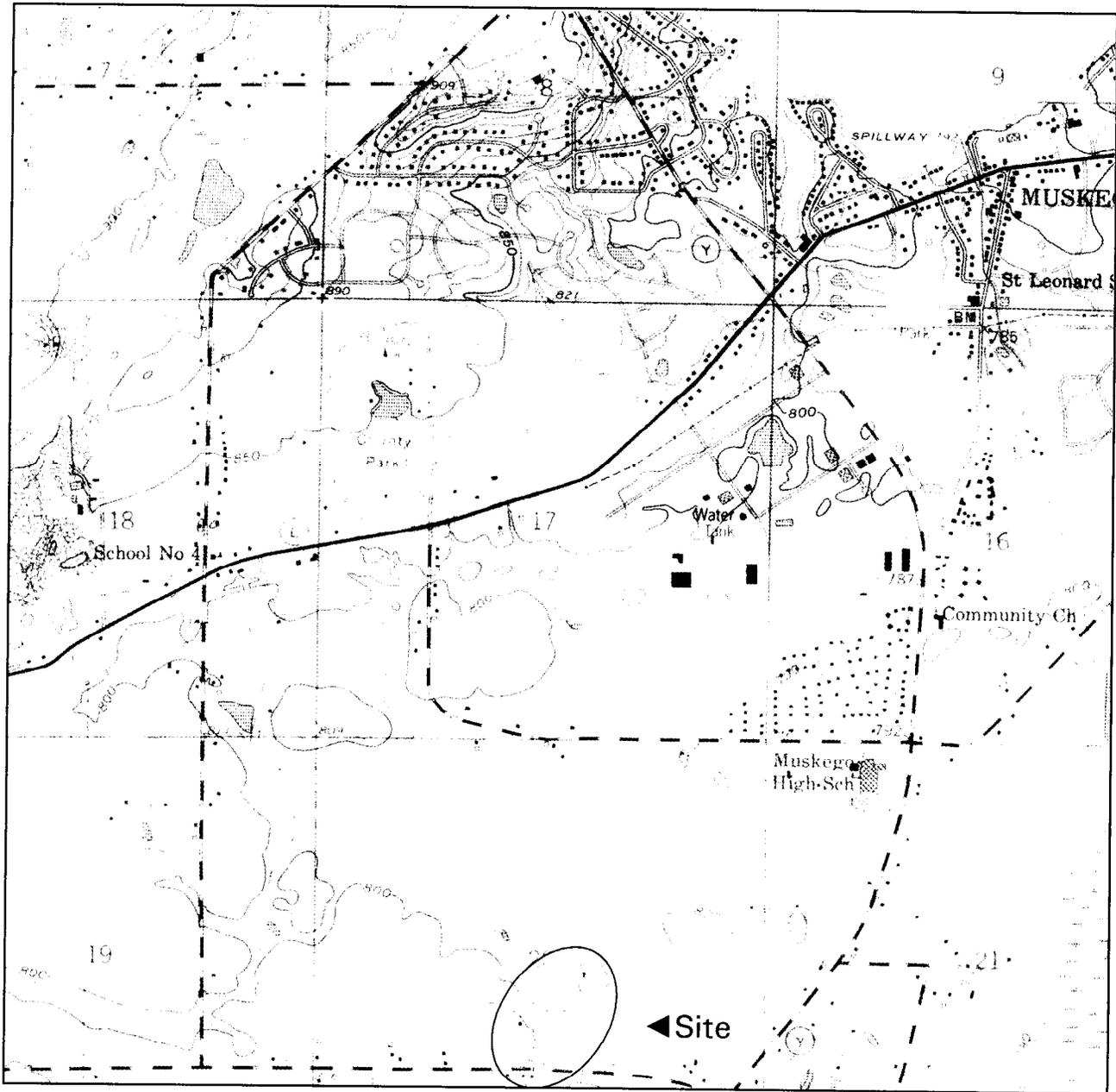
Comments on Sales Comparison

Sales of similar style properties were analyzed and adjustments were made to recognize marketable economic differences. All sales utilized are considered to be the best available at the present time. Due to the semi-rural location and excessive acreage we considered sales older than 6 months and outside a 1 mile radius. Adjustments taken were rounded to the nearest \$100.00. Square footage differences were adjusted @ \$20.00 per. Residual acreage for sale #2& #3 was adjusted @ \$3,000 per. Sale #1 was a multiple tract sale. Two of the vacant tracts front Hillview Road (1-20 acre / 1-40 acre) and are viewed as being developmental. We applied an adjustment consistent with developmental lands for the 60 acres mentioned.

For the purpose of this report we have combined the following parcels. They are contiguous and are owned by the Engel Estate. They are; MSKC 2238-992 & 993, MSKC 2237-995, 996 & 997. The value of non-street fronting lots would be lessened if sold independently. Market for those lots is basically limited to adjacent land owners. Parcel 992 has 104 acres, contains the home and outbuildings (no value allocated to outbuilding). This parcel is the only road fronting tract. Of the 104 acres 58.40 are being tilled or agricultural, 28.60 are forest/wooded, 14 are swamp/waste and 3 acres was allocated as homesite. Parcel 993 contains 6.0 acres listed as agricultural. Parcel 995 contains 6.75 agricultural and 3.13 forest or a total of 9.88 acres. Parcel 996 contains 7.75 acres agricultural and 2.13 acres forest for a total of 9.88 acres. Parcel 997 contains 10.0 acres in agricultural.

Sample of Comparables utilized to establish land values:

- 2241.997 sold 2/2000 to DNR for \$178,100 / Site contains 83 acres of mainly swamp/wastelands - \$2,145+- per acre
- 2270.999 sold 2/2000 to DNR for \$420,000 / Site contains 102 acres of mainly agricultural lands - \$4,118+- per acre
- 2277.993.003 sold 5/1999 for \$86,000 / Site contains 20 acres of agricultural lands - \$4,300+- per acre
- 2276-998 sold 10/2000 for \$182,000 / Site contains 37.5 acres of agricultural lands - \$4,867+- per acre



NE ¼ of the SW ¼ of Sec. 20, T5N, R20E. Adapted from U.S.G.S. 7.5 minute series, Muskego, Wisconsin, quadrangle (dated 1959, revised 1994).

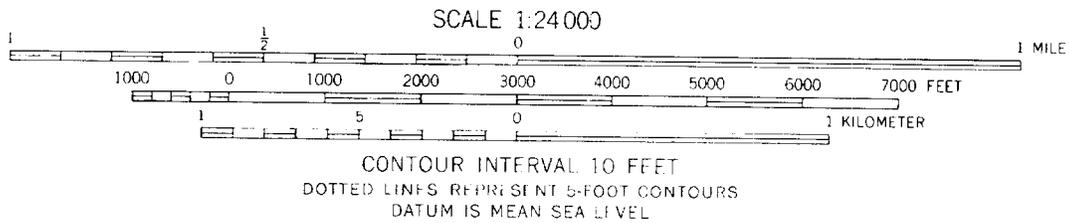
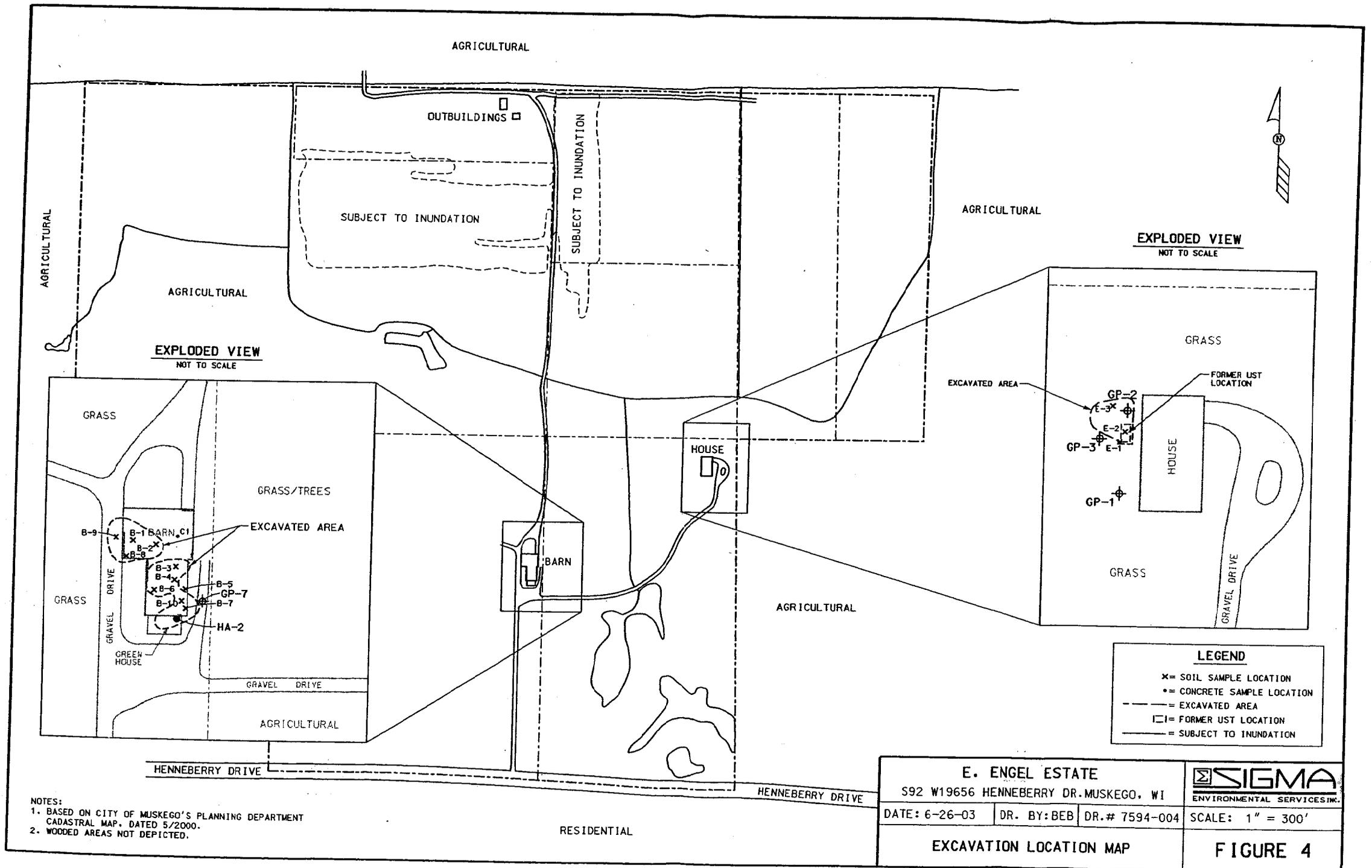
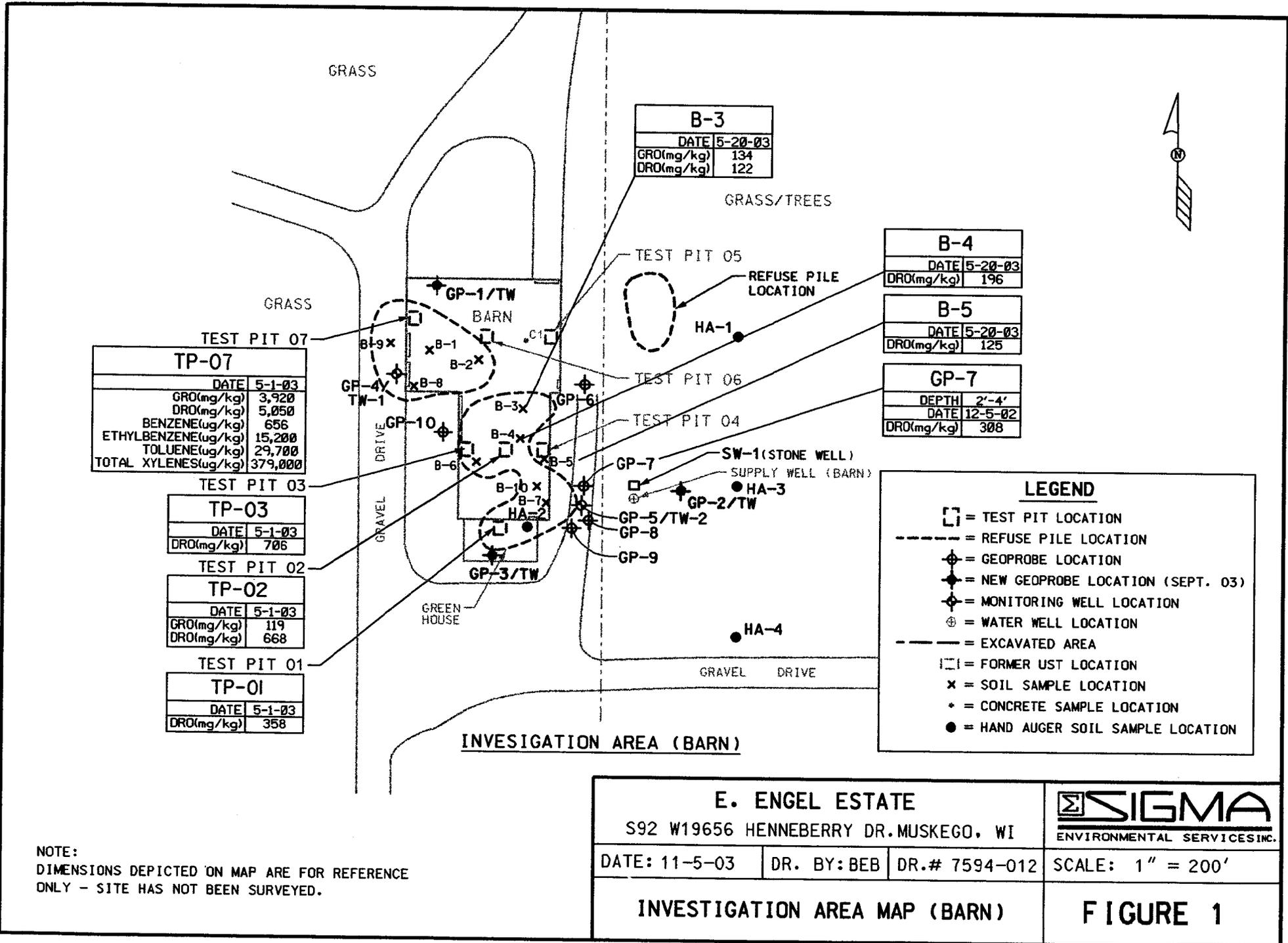


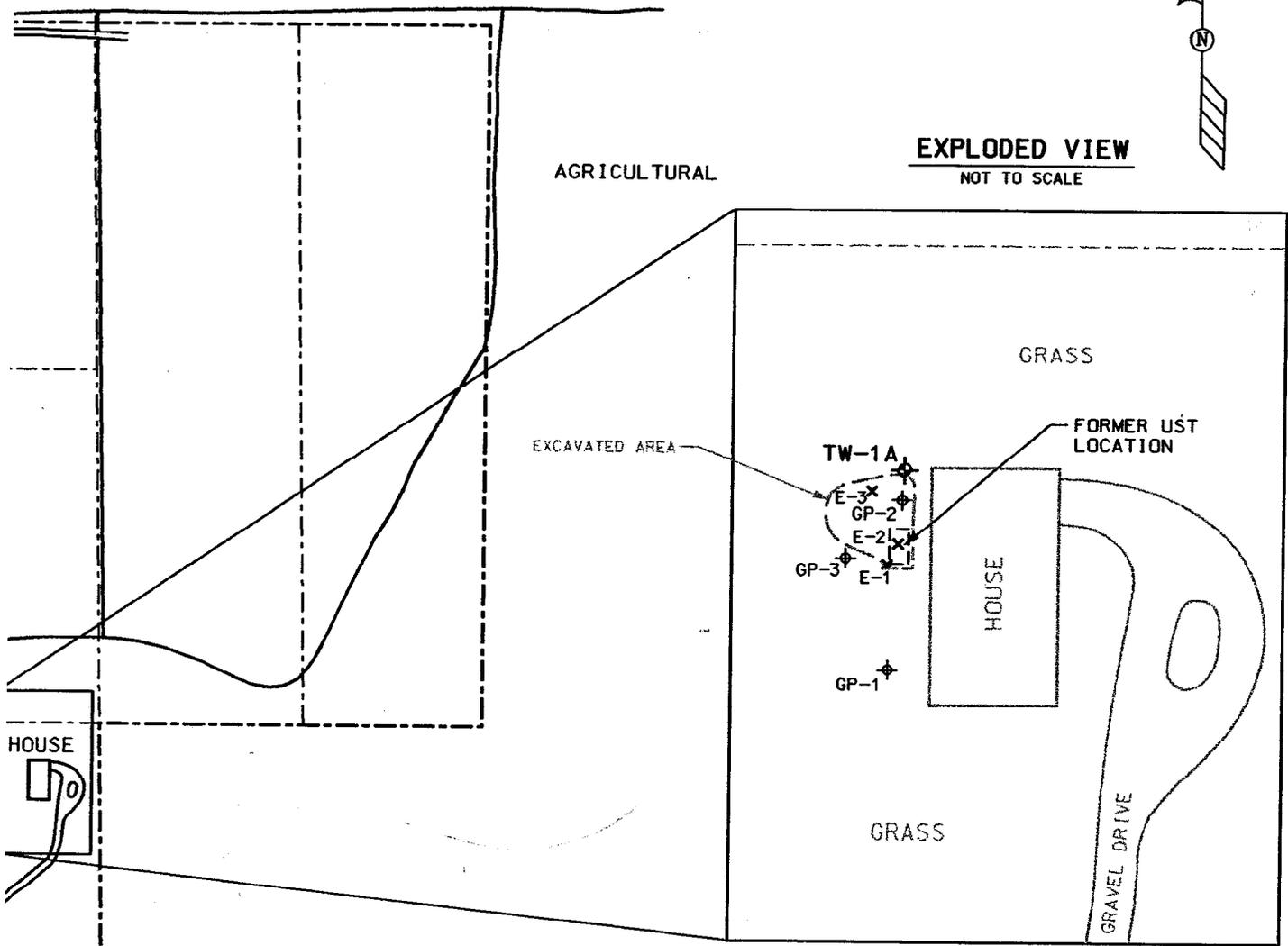
Figure 1. Site Location Map
 Engel Estate
 S96 W 19656 Henneberry Drive,
 Muskego, Wisconsin







EXPLODED VIEW
NOT TO SCALE



LEGEND

- ◆ = MONITORING WELL LOCATION
- × = SOIL SAMPLE LOCATION
- ◆ = GEOPROBE LOCATION
- - - = EXCAVATED AREA
- = FORMER UST LOCATION

E. ENGEL ESTATE			
S92 W19656 HENNEBERRY DR. MUSKEGO, WI			
DATE: 2-9-04	DR. BY: BEB	DR. # 7594-014	SCALE: 1" = 300'
UPDATED MONITORING WELL LOCATION MAP			FIGURE 1

Table 1
Soil Quality Results
Engel Estate, Muskego Property
UST Area (House)
S92 W19656 Henneberry Drive
Muskego, Wisconsin
Project Reference #7594

Boring		GP-1	GP-2	GP-3	E-1	E-2	E-3	TW-1A	NR 720 Soil Standards
Depth (feet bgs)		12-14	6-8	6-8	sidewall	basin	sidewall	8-10	
Date		10/14/2002	10/14/2002	10/14/2002	04/23/2003	04/23/2003	04/23/2003	01/16/2004	
Analyte									
DRO	mg/kg	ND	1790	ND	11.2	ND	8.63	ND	100/250
PVOC	ug/kg	NA	NA	NA	NA	NA	NA	ND	
PAH	ug/kg	NA	NA	NA	NA	NA	NA	ND	

Key

- bgs = Below ground surface
- NA = Not Analyzed
- ND = No detection
- PVOC = Petroleum Volatile Organic Compounds
- PAH = Polynuclear Aromatic Hydrocarbons
- mg/kg = Milligrams per Kilogram
- BOLD = Exceeds NR 720 Soil Standards

Table 1
Soil Quality Results
Engel Estate, Muskego Property
Investigation Area (Barn)
S92 W19656 Henneberry Drive
Muskego, Wisconsin
Project Reference #7594

Boring		HA-1	HA-2	HA-3	HA-4	NR 720 Soil Standards
Depth (feet bgs)		2-3	0-2	0-2	0-2	
Date		10/17/2002	12/5/2002	12/5/2002	12/5/2002	
Analyte						
DRO	mg/kg	NA	9.98	7.13	ND	100/250
GRO	mg/kg	NA	ND	ND	ND	100/250
Petroleum Volatile Organic Compounds						
Benzene	ug/kg	NA	ND	ND	ND	5.5
Ethylbenzene	ug/kg	NA	ND	ND	ND	2900
Methyl-tert-Butyl-Ether	ug/kg	NA	ND	ND	ND	NS
Toluene	ug/kg	NA	ND	ND	ND	1500
1,3,5-Trimethylbenzene	ug/kg	NA	ND	ND	ND	NS
1,2,4-Trimethylbenzene	ug/kg	NA	ND	ND	ND	NS
Xylenes	ug/kg	NA	ND	ND	ND	4100
Organochlorine Pesticides						
Chlordane(tech)	ug/kg	ND	688	152	ND	NS
4,4'-DDT	ug/kg	ND	8.78	ND	ND	NS
Dieldrin	ug/kg	ND	46.5	31.4	ND	NS
Heptachlor	ug/kg	ND	5.00	ND	ND	NS
Heptachlor epoxide	ug/kg	ND	ND	1.81	ND	NS
Herbicides						
2,4-D	mg/kg	<0.0197	NA	NA	NA	NS
2,4-DB	mg/kg	<0.0614	NA	NA	NA	NS
2,4,5-T	mg/kg	<0.00369	NA	NA	NA	NS
2,4,5-TP (Silvex)	mg/kg	<0.00246	NA	NA	NA	NS
Dalapon	mg/kg	<0.0491	NA	NA	NA	NS
Dicamba	mg/kg	<0.00123	NA	NA	NA	NS
Dichlorprop	mg/kg	<0.0184	NA	NA	NA	NS
Dinoseb	mg/kg	<0.00369	NA	NA	NA	NS
MCPA	mg/kg	<6.27	NA	NA	NA	NS
MCPP	mg/kg	<4.55	NA	NA	NA	NS
Pentachlorophenol	mg/kg	<0.00037	NA	NA	NA	NS

Key

- bgs = Below ground surface
- NA = Not analyzed
- ND = No detection
- NS = No standard
- mg/kg = Milligrams per Kilogram
- ug/kg = Micrograms per Kilogram
- BOLD = Exceeds NR 720 Soil Standards
- HA = Hand auger

Table 1
Soil Quality Results
Engel Estate, Muskego Property
Investigation Area (Barn)
S92 W19656 Henneberry Drive
Muskego, Wisconsin
Project Reference #7594

Boring		GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	GP-10	GP-11	NR 720 Soil
Depth (feet bgs)		2-4	2-4	2-4	2-4	4-6	2-4	4-6	2-4	Standards
Date		10/17/2002	10/17/2002	10/17/2002	12/5/2002	12/5/2002	12/5/2002	12/5/2002	12/5/2002	
Analyte										
DRO	mg/kg	NA	NA	NA	308	ND	ND	ND	ND	100/250
GRO	mg/kg	NA	NA	NA	49.4	ND	ND	ND	ND	100/250
Petroleum Volatile Organic Compounds										
Benzene	ug/kg	NA	NA	NA	ND	ND	ND	ND	ND	5.5
Ethylbenzene	ug/kg	NA	NA	NA	34.8	ND	ND	ND	ND	2900
Methyl-tert-Butyl-Ether	ug/kg	NA	NA	NA	ND	ND	ND	ND	ND	NS
Toluene	ug/kg	NA	NA	NA	ND	ND	ND	ND	ND	1500
1,3,5-Trimethylbenzene	ug/kg	NA	NA	NA	153	ND	ND	ND	ND	NS
1,2,4-Trimethylbenzene	ug/kg	NA	NA	NA	564	ND	ND	ND	ND	NS
Xylenes	ug/kg	NA	NA	NA	226	ND	ND	ND	ND	4100
Organochlorine Pesticides										
Chlordane(tech)	ug/kg	ND	ND	40.9	ND	ND	ND	ND	ND	NS
4,4'-DDT	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	NS
Dieldrin	ug/kg	ND	ND	ND	5.34	9.61	ND	ND	ND	NS
Heptachlor	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	NS
Heptachlor epoxide	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	NS
Herbicides										
2,4-D	mg/kg	<0.0183	<0.0182	<0.0185	NA	NA	NA	NA	NA	NS
2,4-DB	mg/kg	<0.0573	<0.057	<0.0579	NA	NA	NA	NA	NA	NS
2,4,5-T	mg/kg	<0.00344	<0.00342	<0.00347	NA	NA	NA	NA	NA	NS
2,4,5-TP (Silvex)	mg/kg	<0.00229	<0.00228	<0.00231	NA	NA	NA	NA	NA	NS
Dalapon	mg/kg	<0.0458	<0.0456	<0.0463	NA	NA	NA	NA	NA	NS
Dicamba	mg/kg	<0.00115	<0.00114	<0.00116	NA	NA	NA	NA	NA	NS
Dichlorprop	mg/kg	<0.0172	<0.0171	<0.0174	NA	NA	NA	NA	NA	NS
Dinoseb	mg/kg	<0.00344	<0.00342	<0.00347	NA	NA	NA	NA	NA	NS
MCPA	mg/kg	<5.84	<5.82	<5.90	NA	NA	NA	NA	NA	NS
MCPP	mg/kg	<4.24	<4.22	<4.28	NA	NA	NA	NA	NA	NS
Pentachlorophenol	mg/kg	<0.00034	<0.00034	<0.00035	NA	NA	NA	NA	NA	NS

Key

- bgs = Below ground surface
- NA = Not analyzed
- ND = No detection
- NS = No standard
- mg/kg = Milligrams per Kilogram
- ug/kg = Micrograms per Kilogram
- BOLD = Exceeds NR 720 Soil Standards
- GP = Geoprobe sample

Table 1
Soil Quality Results
Engel Estate, Muskego Property
Investigation Area (Barn)
S92 W19656 Henneberry Drive
Muskego, Wisconsin
Project Reference #7594

Boring		MW-1	MW-1	MW-2	MW-2	MW-3	MW-3	NR 720 Soil
Depth (feet bgs)		2-4	8-10	2-4	8-10	2-4	8-10	Standards
Date		3/11/03	3/11/03	3/11/03	3/11/03	3/11/03	3/11/03	
Analyte								
DRO	mg/kg	ND	ND	ND	ND	ND	ND	100/250
GRO	mg/kg	ND	ND	ND	ND	ND	ND	100/250
Petroleum Volatile Organic Compounds								
Benzene	ug/kg	ND	ND	ND	ND	ND	ND	5.5
Ethylbenzene	ug/kg	ND	ND	ND	ND	ND	ND	2900
Methyl-tert-Butyl-Ether	ug/kg	ND	ND	ND	ND	ND	ND	NS
Toluene	ug/kg	ND	ND	ND	ND	ND	ND	1500
1,3,5-Trimethylbenzene	ug/kg	ND	ND	ND	ND	ND	ND	NS
1,2,4-Trimethylbenzene	ug/kg	ND	ND	ND	ND	ND	ND	NS
Xylenes	ug/kg	ND	ND	ND	ND	ND	ND	4100
Organochlorine Pesticides								
Chlordane(tech)	ug/kg	ND	ND	ND	ND	ND	ND	NS
4,4'-DDT	ug/kg	ND	ND	ND	ND	ND	ND	NS
Dieldrin	ug/kg	ND	ND	ND	ND	ND	ND	NS
Heptachlor	ug/kg	ND	ND	ND	ND	ND	ND	NS
Heptachlor epoxide	ug/kg	ND	NC	ND	ND	ND	ND	NS
Herbicides								
2,4-D	mg/kg	< 65.8	< 65.8	< 65.8	< 65.8	< 65.8	< 65.8	NS
2,4-DB	mg/kg	< 190	< 190	< 190	< 190	< 190	< 190	NS
2,4,5-T	mg/kg	< 20.5	< 20.5	< 20.5	< 20.5	< 20.5	< 20.5	NS
2,4,5-TP (Silvex)	mg/kg	< 18.7	< 18.7	< 18.7	< 18.7	< 18.7	< 18.7	NS
Aciflourfen	mg/kg	< 21.7	< 21.7	< 21.7	< 21.7	< 21.7	< 21.7	NS
Bentazon	mg/kg	< 35.4	< 35.4	< 35.4	< 35.4	< 35.4	< 35.4	NS
Chloramben	mg/kg	< 19.5	< 19.5	< 19.5	< 19.5	< 19.5	< 19.5	NS
Dalapon	mg/kg	< 183	< 183	< 183	< 183	< 183	< 183	NS
Dicamba	mg/kg	< 16.2	< 16.2	< 16.2	< 16.2	< 16.2	< 16.2	NS
Dichlorprop	mg/kg	< 331.	< 331.	< 331.	< 331.	< 331.	< 331.	NS
Dinoseb	mg/kg	< 23.4	< 23.4	< 23.4	< 23.4	< 23.4	< 23.4	NS
MCPA	mg/kg	< 3220	< 3220	< 3220	< 3220	< 3220	< 3220	NS
MCPP	mg/kg	< 3520	< 3520	< 3520	< 3520	< 3520	< 3520	NS
Pentachlorophenol	mg/kg	< 26.8	< 26.8	< 26.8	< 26.8	< 26.8	< 26.8	NS
Picloram	mg/kg	< 85.2	< 85.2	< 85.2	< 85.2	< 85.2	< 85.2	NS
Triclopyr	mg/kg	< 25.7	< 25.7	< 25.7	< 25.7	< 25.7	< 25.7	NS

Key

- bgs = Below ground surface
- NA = Not analyzed
- ND = No detection
- NS = No standard
- mg/kg = Milligrams per Kilogram
- ug/kg = Micrograms per Kilogram
- BOLD = Exceeds NR 720 Soil Standards
- MW = Monitoring well

Table 1
 Soil Quality Results (Test Pits)
 Engel Estate, Muskego Property
 Investigation Area (Barn)
 S92 W19656 Henneberry Drive
 Muskego, Wisconsin
 Project Reference #7594

Boring		Test Pit 1	Test Pit 2	Test Pit 3	Test Pit 4	Test Pit 5	Test Pit 6	Test Pit 7	C-1	NR 720 Soil Standards
Date		5/1/03	5/1/03	5/1/03	5/1/03	5/1/03	5/1/03	5/1/03	5/20/03	
Depth in feet		5-6	5-6	5-6	3-4	3-4	7-8	7-8	floor	
Analyte										
GRO	mg/kg	54.8	119	55.6	ND	ND	ND	3920	NA	100/250
DRO	mg/kg	358	668	706	8.85	ND	ND	5050	2870	100/250
PVOCs										
Benzene	ug/kg	ND	ND	ND	ND	ND	ND	656	NA	5.5
Ethylbenzene	ug/kg	65.4	83.3	ND	ND	ND	ND	15200	NA	2900
Toluene	ug/kg	ND	ND	ND	ND	ND	ND	29700	NA	1500
MTBE	ug/kg	ND	ND	ND	ND	ND	ND	ND	NA	NS
1,2,4-Trimethylbenzene	ug/kg	390	647	185	ND	ND	26.2	341000	NA	NS
1,3,5-Trimethylbenzene	ug/kg	508	1310	357	ND	ND	ND	135000	NA	NS
Total Xylenes	ug/kg	127	612	122	ND	ND	ND	379000	NA	4100

Key

- bgs = Below ground surface
- MTBE = Methyl tert-butyl ether
- ND = No detection
- mg/kg = Milligrams per Kilogram
- BOLD = Exceeds NR 720 Soil Standards
- C-1 = Concrete sample

Table 1
Soil Quality Results (Confirmation Samples)
Engel Estate, Muskego Property
Investigation Area (Barn)
S92 W19656 Henneberry Drive
Muskego, Wisconsin
Project Reference #7594.

Boring		B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	NR 720 Soil Standards
Date		5/20/03	5/20/03	5/20/03	5/20/03	5/20/03	5/20/03	5/20/03	5/20/03	5/20/03	5/20/03	
Depth		7-8	8-9	7-8	5-6	3-4	7-8	5-6	7-8	7-8	7-8	
Analyte												
GRO	mg/kg	11	ND	134	7.99	ND	13.2	ND	ND	29	NA	100/250
DRO	mg/kg	11.2	ND	122	196	125	64.6	11.7	ND	9.42	NA	100/250
PVOCs												
Benzene	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	5.5
Ethylbenzene	ug/kg	52.1	ND	150	32.2	ND	ND	60.2	ND	219	NA	2900
Toluene	ug/kg	ND	ND	26.1	ND	ND	ND	ND	ND	60	NA	1500
MTBE	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NS
1,2,4-Trimethylbenzene	ug/kg	ND	ND	2260	ND	ND	67.2	110	ND	1710	NA	NS
1,3,5-Trimethylbenzene	ug/kg	103	ND	947	96.2	ND	147	ND	ND	687	NA	NS
Total Xylenes	ug/kg	38	ND	667	29.4	ND	ND	114	ND	1130	NA	4100
EPA 8081 Pesticides	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	

Key

- bgs = Below ground surface
- MTBE = Methyl tert-butyl ether
- ND = No detection
- mg/kg = Milligrams per Kilogram
- BOLD = Exceeds NR 720 Soil Standards

Table 1
Soil Quality Results (Confirmation)
Engel Estate, Muskego Property
Investigation Area (Barn)
S92 W19656 Henneberry Drive
Muskego, Wisconsin
Project Reference #7594

Boring		GP-1	GP-1	GP-2	GP-2	GP-3	GP-3	GP-1	GP-2	GP-3	NR 720 Soil	
Depth (feet bgs)		6-8	12-14	2-4	4-6	2-4	6-8	6-8	2-4	4-6	Standards	
Date		9/11/03	9/11/03	9/11/03	9/11/03	9/11/03	9/11/03	10/28/03	10/28/03	10/28/03		
Analyte												
Organochlorine Pesticides												
Aldrin	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
alpha-BHC	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
beta-BHC	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
delta-BHC	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
gamma-BHC	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Chlordane(tech)	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
4,4'-DDD	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
4,4'-DDE	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
4,4'-DDT	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Dieldrin	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Endosulfan I	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Endosulfan II	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Endosulfan sulfate	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Endrin	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Endrin aldehyde	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Heptachlor	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Heptachlor epoxide	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Methoxychlor	ug/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NS	
Gasoline Range Organics												
GRO	mg/kg	NA	ND	ND	NA	100/250						
Diesel Range Organics												
DRO	mg/kg	NA	ND	ND	NA	100/250						
Petroleum Volatile Organic Compounds												
Benzene	ug/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	5.5	
Ethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	2900	
Methyl tert-butyl ether	ug/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	1500	
Toluene	ug/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NS	
1,2,4-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NS	
1,3,5-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NS	
Total Xylenes	ug/kg	NA	NA	NA	NA	NA	NA	ND	28.9	ND	4100	

Key

- bgs = Below ground surface
- ND = No detection
- NS = No standard
- NA = Not analyzed
- ug/kg = Micrograms per Kilogram
- mg/kg = Milligrams per Kilogram
- BOLD** = Detected Compound
- GP = Geoprobe

STATEMENT BY RESPONSIBLE PARTY

E. Engel Estate, the responsible party for the property located at S96 W19656 Henneberry Drive, Muskego, Wisconsin, states that the legal description provided to the Wisconsin Department of Natural Resources (and attached to this statement) is complete and accurate to the best of our knowledge.

Cheryl A Mueller - Per Rep
Signature of Representative for Responsible Party

11-10-03
Date