

# SOIL EVALUATION REPORT

in accordance with Comm 85, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and percent slope, scale or dimensions, north arrow, and location and distance to nearest road.

*Please print all information.*

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04 (1) (m)).

Property Owner <b>Paul Oman</b>				Property Location Govt. Lot <b>NE 1/4 NW 1/4 S 3 T 5 N R 20 XX (or) W</b>			
Property Owner's Mailing Address <b>S63 W16495 College Avenue</b>				Lot # <b>1</b>	Block # <b>---</b>	Subd. Name or CSM# <b>CSM 448</b>	
City <b>Muskego</b>	State <b>WI</b>	Zip Code <b>53150</b>	Phone Number <b>( 262 ) 860-8454</b>	<input checked="" type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town	Nearest Road <b>College Ave "HH"</b>

☒ New Construction Use: ☒ Residential / Number of bedrooms unknown Code derived design flow rate 150/bedroom GPD

☐ Replacement ☐ Public or commercial - Describe: \_\_\_\_\_

Parent material Glacial Till Flood Plain elevation if applicable ± 78' ft.

General comments and recommendations: Recommend mound type seepage cell, site must be protected from vehicle traffic and some trees and brush must be removed.

**1** Boring # ☐ Boring ☒ Pit Ground surface elev. 96.7 ft. Depth to limiting factor 22 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Ou. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft2	
									* Eff#1	* Eff#2
a	0-5	10 yr 2/2	None	sil	2 f sbk	mvfr	cs	2f 2m	0.6	0.8
e	5-10	10 yr 4/2	None	sil	2 f sbk	mvfr	cs	2f 2m	0.6	0.8
b1	10-22	10 yr 4/6	None	cl	2 f sbk	mfr	cs	1f 1m	0.4	0.6
b2	22-38	10 yr 4/6	f1f 10 yr 6/8	cl	1 f sbk	mfr	---	---	0.2	0.3

**2** Boring # ☐ Boring ☒ Pit Ground surface elev. 96.6 ft. Depth to limiting factor 22 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft2	
									* Eff#1	* Eff#2
a	0-5	10 yr 2/2	None	sil	2 f sbk	mvfr	cs	2f 2m	0.6	0.8
e	5-11	10 yr 4/2	None	sil	2 f sbk	mvfr	cs	2f 2m	0.6	0.8
b1	11-22	10 yr 4/6	None	cl	2 f sbk	mfr	cs	1f 1m	0.4	0.6
b2	22-35	10 yr 4/6	f1f 10 yr 6/8	cl	1 f sbk	mfr	---	---	0.2	0.3

\* Effluent #1 BOD  $\leq 30$  < 220 mg/L and TSS  $\leq 30$  < 150 mg/L

\* Effluent #2 = BOD  $\leq 30$  mg/L and TSS < 30 mg/L

CST Name (Please Print) <b>Timothy O'Leary</b>	Signature 	CST Number <b>227551</b>
Address <b>2720 Buell Drive, East Troy, WI 53120</b>	Date Evaluation Conducted <b>06/24/10</b>	Telephone Number <b>262-642-7747</b>

Property Owner Paul OmanParcel ID # 2170-999Page 2 of 4

☐ Boring # 3    ☐ Boring  
☒ Pit    Ground surface elev. 95.6 ft.    Depth to limiting factor 21 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft <sup>2</sup>	
									• Eff#1	• Eff#2
a	0-5	10 yr 2/2	None	sil	2 f sbk	mvfr	cs	2f 2m	0.6	0.8
e	5-10	10 yr 4/2	None	sil	2 f sbk	mvfr	cs	2f 2m	0.6	0.8
b1	10-21	10 yr 4/6	None	cl	2 f sbk	mfr	cs	1f 1m	0.4	0.6
b1	21-36	10 yr 4/6	flf 10 yr 6/8	cl	1 f sbk	mfr	---	---	0.2	0.3

☐ Boring #    ☐ Boring  
☐ Pit    Ground surface elev. \_\_\_\_\_ ft.    Depth to limiting factor \_\_\_\_\_ in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft <sup>2</sup>	
									• Eff#1	• Eff#2
			County on-site by Nathan Bortz Waukesha County			Sanitarian				
			on 6-24-2010.							

☐ Boring #    ☐ Boring  
☐ Pit    Ground surface elev. \_\_\_\_\_ ft.    Depth to limiting factor \_\_\_\_\_ in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft <sup>2</sup>	
									• Eff#1	• Eff#2

• Effluent #1 BOD<sub>5</sub> > 30 < 220 mg/L and TSS > 30 < 150 mg/L• Effluent #2 = BOD<sub>5</sub> < 30 mg/L and TSS < 30 mg/L

The Department of Commerce is an equal opportunity service provider and employer. If you need assistance to access services or need material in an alternate format, please contact the department at 608-266-3151 or TTY 608-264-8777.

Plot Plan of Tested Area  
see Page 4 of 4 for Entire Lot

Page 3 of 4

← COLLEGE AVENUE →

SCALE 1" = 30'  
△ — Soil Boring's  
□ — Bench Mark



Power Pole

B.M. = 100' ± is a 1 1/2" PVC  
Pipe 12" tall w/ Red Paint

80'

94'  
95'  
96'  
97'  
98'

B1 = 96.7' ±  
old fence

B3 = 95.6' ±

13% slope

MOUND SITE

Tree's + Brush  
Through out Area

675' 93'

B2 = 96.6' ±

South East Corner of Lot

360.5'

GARAGE

House

OWNER:  
PAUL & KATHLEEN OMAN REV TRUST  
C/O PAUL & KATHLEEN OMAN  
S 63 W 16495 COLLEGE AVENUE  
MUSKEGO, WI 53150  
TEL: (262) 422-1834

COLLEGE AVENUE

(C.T.H. "HH")

LOCATION MAP  
NW 1/4 OF SEC. 3-5-20  
SCALE 1" = 2000'

SCALE: 1"=100'

0 50 100  
C.S.M. 6496

PARCEL-2  
(C.T.H. "HH")

UNPLATTED  
LANDS

SOUTHEAST CORNER  
OF THE NORTHWEST  
1/4 OF SECTION 15-20  
CONCRETE MONUMENT  
W/BRASS CAP FOUND  
344.61846 } GRD  
2501.7012 } GRD  
WISCONSIN STATE  
PLANE COORDINATE  
SYSTEM, SOUTH ZONE

COLLEGE AVENUE

CITY OF NEW BERLIN

(P.A. N. 89° 00' 07" E)

(R.A. N. 89° 00' 07" E)

NORTH LINE OF THE NORTHWEST  
1/4 OF SECTION 3-5-20

MUNICIPAL BOUNDARY CITY OF MUSKEGO

CITY OF NEW BERLIN  
MUNICIPAL BOUNDARY  
CITY OF MUSKEGO

NORTHWEST CORNER  
OF THE NORTHWEST  
1/4 OF SECTION 3-5-20  
CONCRETE MONUMENT  
W/BRASS CAP FOUND  
344.61846 } GRD  
2501.7012 } GRD  
WISCONSIN STATE  
PLANE COORDINATE  
SYSTEM, SOUTH ZONE

NORTHWEST CORNER  
OF THE NORTHWEST  
1/4 OF SECTION 3-5-20  
CONCRETE MONUMENT  
W/BRASS CAP FOUND  
344.61846 } GRD  
2501.7012 } GRD  
WISCONSIN STATE  
PLANE COORDINATE  
SYSTEM, SOUTH ZONE

UNPLATTED  
LANDS

SURVEYOR  
JOHN W. JAHNKE  
REG. NO. S-917  
JAHNKE & JAHNKE  
ASSOC. INC.  
711 WEST MORELAND  
BLVD. WAUKESHA,  
WI. 53188-2479

LOT-2 C.S.M. - 448

UNPLATTED  
LANDS

REFERENCE BEARING  
THE NORTH LINE  
OF THE NORTHWEST  
QUARTER (NW 1/4)  
OF SECTION 3, T5N,  
R20E WAS USED AS  
THE REFERENCE  
BEARING AND HAS  
A BEARING OF  
N. 89° 00' 07" E PER  
WISCONSIN STATE  
PLANE COORDINATE  
SYSTEM, SOUTH ZONE

NOTE:

REFER TO SHEET 2  
FOR WETLAND AND  
ZONING INFORMATION

LEGEND:

- IRON PIPE 18" x 1"  
DIA. (PLACED)  
1.13+ LBS.  
PER LIN. FT.
- IRON PIPE (FOUND)
- R.A. - RECORDED AS

S:\projects\57771\dwg.  
PS MUSKEGO-433  
INSTRUMENT DRAFTED  
BY JOHN W. JAHNKE

SOUTHEAST CORNER  
OF THE NORTHWEST  
1/4 OF SECTION 3-5-20  
CONCRETE MONUMENT  
W/BRASS CAP FOUND  
344.61846 } GRD  
2501.7012 } GRD  
WISCONSIN STATE  
PLANE COORDINATE  
SYSTEM, SOUTH ZONE

JOHN W. JAHNKE - REG. NO. S-917  
DATED THIS 19th DAY OF NOVEMBER, 2009