

Form A - Seasonal High Groundwater Determination Report

Project/Plat Name: Lot 14 of Autumn Run (Proposed) Date: 4/24/2026
 Project Location (PLS/CSM#): E1/2, SE1/4, S16, T5N, R18E

Stamp, Sign & Date Here

The following table summarizes my interpretation of the soil profile evaluations conducted on the above noted site. The purpose of this report is to demonstrate compliance with a Waukesha County ordinance requirement to maintain basement floor elevations at least 1 foot above the seasonal high water table. I understand that the definition for seasonal high water table means the upper limit of the zone of soil saturation caused by underlying groundwater at its highest level. I certify that the information presented in this report represents my best professional judgment in estimating seasonal high water table based on soil and site evaluations in accordance with the procedures contained in Chapter SPS 385 Wisconsin Administrative Code.

Interpreters Signature: *Morgan Butler*

Interpreters Printed Name/Credentials/Lic. #: Morgan Butler IV / CST / 1357852

Interpreters Company Name/Address: Butler Engineering Inc / N679 Tamarack Rd. Palmyra, WI 53156

Site Benchmark/Elevation (Co. Stds.): PLSS 1/4Sec. Corner - Conc. Monu. w/ Brass Cap at intersection of CTH "I" and Section Road / 992.4

References: 1) Soil Report - SBD-8330 (R.04/15) 2) Waukesha County Soils Map

Lot #	Soil Observ. (#)	Surface Elev. (NGVD 29)	Bottom Elev. of Soil Profile	Soil Map Unit Symbol (NRCS)	Elevation of Seasonal High Water Table	Depth to Seasonal High Water Table (Feet)	Proposed Basement Floor Elevation	Notes: List information used to determine seasonal high water table, including any soil color pattern exemptions under SPS 385.30(3) for a basement floor proposed less than 1-foot above redoximorphic features shown in the referenced soil evaluation reports.
14	14-A	972.8	963.8	MxB	≤963.8	9.0	≥964.8	Few fine faint high chroma mottles in well-drained Miami Sandy Loam can be disregarded as an indicator of seasonal high groundwater. Site topography is conducive to the use of an engineered drain to daylight.

SOIL EVALUATION REPORT

In accordance with SPS 385, 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)).

County:	Waukesha
Parcel ID:	MUKT1936999003
Reviewed by:	Date:

Property Owner C/O Ryans Buying LLC				Property Location E½, SE¼, S16, T5N, R18E			
Property Owner's Mailing Address PO Box 277				Lot # Prop. 14	Block#	Subd. Name or CSM# Autumn Run	
City Eagle	State WI	Zip Code 53119	Phone Number	Municipality: Town of Mukwonago		Nearest Road: County Road "I"	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: _____ <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: _____ GPD			
Parent Material: _____							
General Comments & Recommendations:							

B14-A	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: 972.8 ft.	Depth to Limiting Factor: 30 in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
A	0 - 9	7.5YR 3/2	-	SL	2vfsbk	mfr	cs	2vf	0.6	1.0
B	9 - 30	7.5YR 4/4	-	SCL	2fsbk	mfr	cs	1vf	0.4	0.6
BC	30 - 43	7.5YR 5/3	f1f 10YR 5/8	grSCL	1fsbk	mfr	gs	1vf	0.2	0.3
C	43 - 108	7.5YR 6/4	f1f 10YR 5/8	grSL	0m	mfr	-	-	0.2	0.6

	Boring #	<input type="checkbox"/> Boring <input type="checkbox"/> Pit	Ground Surface Elev.: _____ ft.	Depth to Limiting Factor: _____ in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

*Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

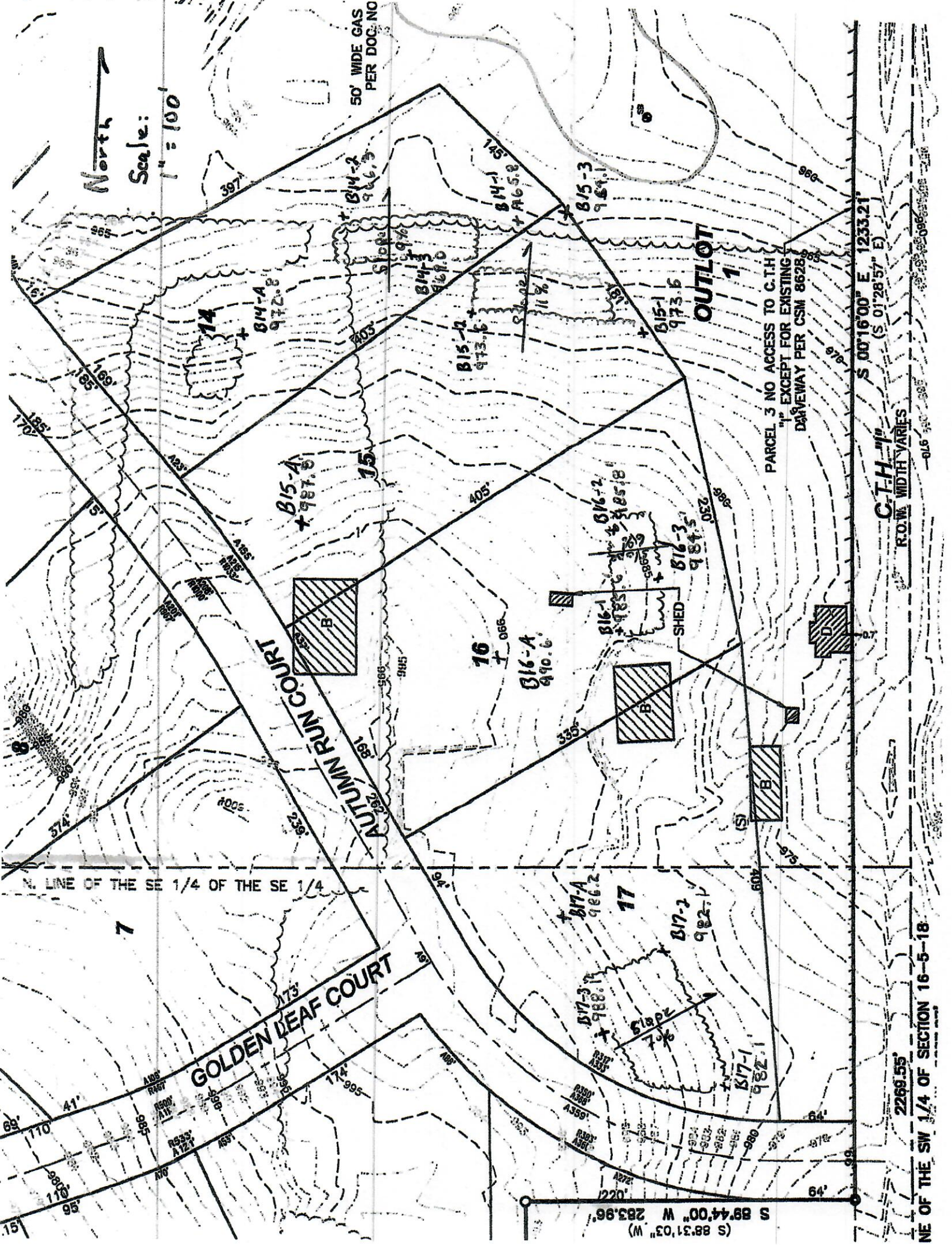
*Effluent #2 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler</i>	CST Number 1357852; SP-071600003
Address N679 Tamarack Road, Palmyra, WI 53156	Date Evaluation Conducted 4/24/2026	Telephone Number (262) 844-2207

North

Scale: 1" = 100'

50' WIDE GAS PER DOC. NO



N. LINE OF THE SE 1/4 OF THE SE 1/4

PARCEL 3 NO ACCESS TO C.I.H. UNLESS EXCEPT FOR EXISTING DRIVEWAY PER CSM 8628

C.T.H. 111 R.O.W. WIDTH VARIES

S 00°16'00" E 1233.21' (S 01°28'57" E)

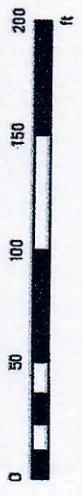
2269.55' NE OF THE SW 1/4 OF SECTION 16-5-18

S 88°31'03" W 283.96'

Waukesha Co. Soils Map



SEWRPC, Waukesha County Land Information Office



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Legend

- Site Address
- Site Address Units
- Tax Parcels
- Assessor Plat
- Assessor
- CSM
- CSM
- Condominium
- Condomi
- Subdivision
- Subdivisi
- Points of Interest
- Soils
- Soil Classification
- DNR Wetlands Less Than 1/4
- DNR Wetlands Greater
- Index Contour
- Inde
- Index Depression
- Intermediate Contour
- Intermediate Depression

RGB

Notes

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