



Washtenaw County
Health Department

Environmental Health Division
705 N. Zeeb Road • Ann Arbor, MI 48103
Phone: (734) 222-3800 • Fax: (734) 222-3930
www.washtenaw.org

Soils Serial # 2

December 18, 2018

Mr. David King
6011 South Ivanhoe
Ypsilanti, MI 48197

RE: Soil Evaluation on Property Located
at +/- 3825 Johnson Rd. Section 11,
Saline Township, 36 acres
Parcel ID #: R-18-11-400-001
Soil Evaluation #: 18-00242

Dear Mr. King:

On December 18, 2018, a soil evaluation was made on the above property by this department in response to your request for a sewage permit. As a result of this evaluation and cross-checking of U.S. Soil Conservation Service soil maps, it was determined that the soils on the property are Morley Soil Series.

Present Washtenaw County requirements for on-site sewage disposal require that a minimum of a continuous three (3) foot layer of permeable soil be present, which was found at varying depths beginning at 14 to 15 feet. In addition, the seasonal high groundwater level, as indicated by mottling, must not be present in the top 12 inches of soil. During our inspection, mottling was NOT observed.

In light of the above information, the soils are approved for an on-site system in the area bounded by the testholes referred to in this letter, but before sewage or well permits can be issued, this office will need the following:

1. The correct address and tax ID number must be submitted before an application for a sewage or well permit can be obtained. Addresses are assigned by either the township zoning office, building department, or in some cases, by the electric utility that services the property. Failure to submit the correct address and tax ID number may result in additional re-write fees and delays in permit issuance.
2. Two (2) copies of an accurate plot plan drawn to scale (not smaller than 1" = 40') showing the benchmark, the existing grade elevations (if required—see below), approved testholes, house, out-buildings, driveway, well, tile field and expansion area, septic tank locations, and any wells or sewage disposal facilities within 150 feet of the proposed well or sewage system and any other physical features applicable to this parcel. This plan must be submitted and approved before setting the septic tanks, installing the drainfield, or drilling the well.
3. Two (2) certified copies of a land survey (including both drawing and property description), or other acceptable information showing the accurate location of the property and/or boundary lines.
4. A well permit is required. The property owner or his/her authorized representative shall make permit application. The appropriate permit fee of \$270 will be assessed at the time of permit issuance.

5. Since the property is located in a designated well first area, the well must be drilled and a well record submitted to this office before we can issue a sewage permit. This is necessary to show that a safe and adequate supply of water can be obtained.
6. A \$359.00 permit fee must be paid before we can release the sewage permit. This fee covers two inspections (typically, excavation and final inspection). Additional inspection fees may be required at a cost of \$120.00 per inspection. Examples of additional inspections include, but are not limited to: tank first, fill sand grading, pump chamber, pressure test, and low-flow fixtures. All anticipated inspections and associated fees must be paid at the time of permit issuance. However, additional inspections and fees could result as work proceeds.
7. If the property is to be split, a new legal description and survey drawing must be submitted to this department prior to permit issuance.
8. Test Pits A, B, and C are approved.
9. Property can be accessed off both Johnson Road (North), and James Drive (South)
10. Future home site is likely to the South/ Southeast in the woods.

A grading permit or waiver is mandatory prior to any earth moving activity as required by the Washtenaw County Soil Erosion Control Ordinance, 1997. To obtain criteria for a permit or a waiver, contact the Washtenaw County Soil Erosion Program at (734) 222-3863.

A sewage permit can be issued for a sewage system in the area investigated. Please be advised that any change in the location of the sewage system, major filling, eroding, excavating, paving, flooding of the investigated area, encroachment of any required isolation distances, or new information regarding the suitability of the site may necessitate further investigation or disapproval of the site.

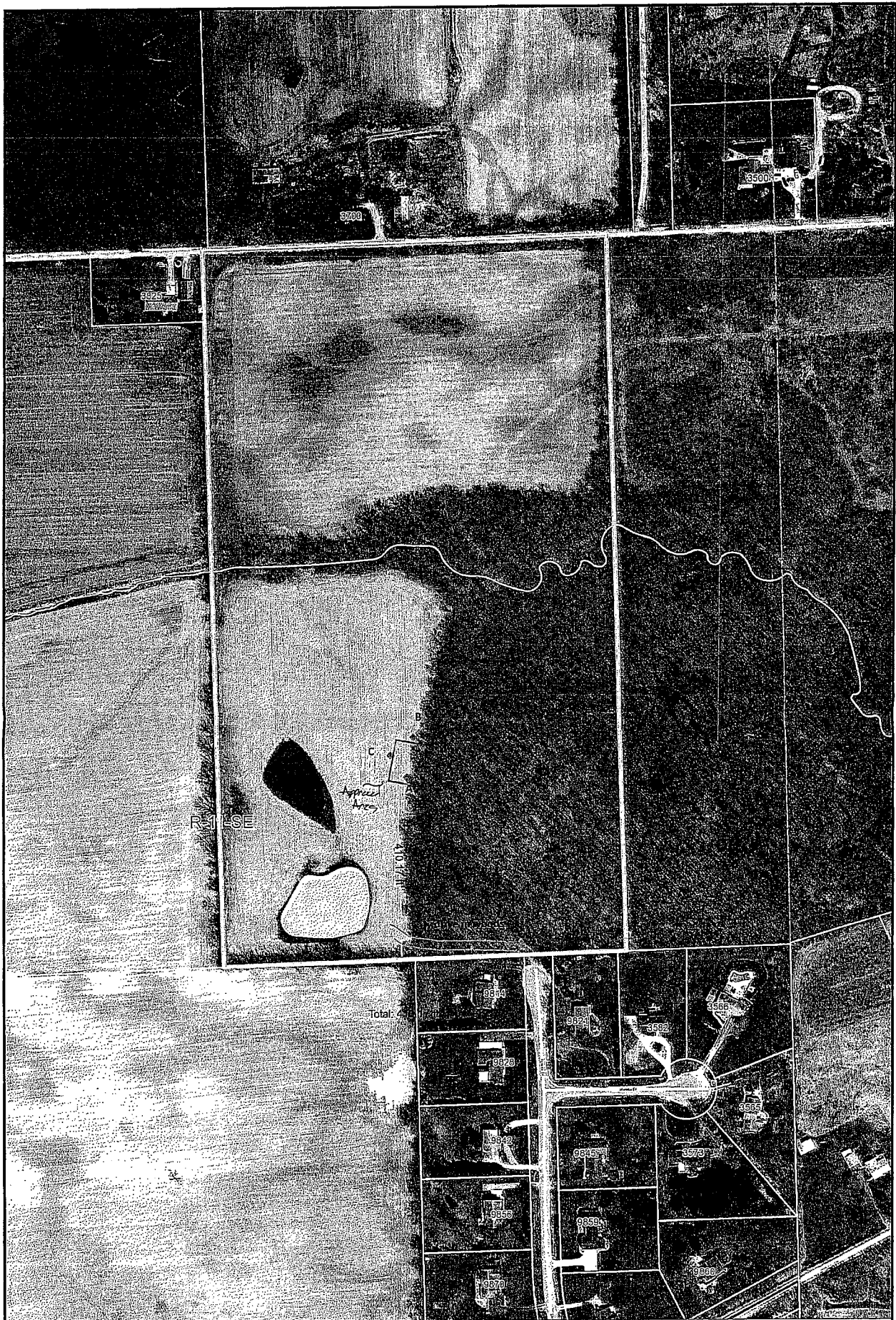
Backhoe excavations or deep pits are a safety hazard and should have already been filled. Any holes not filled must be filled in immediately.

If you have any questions, please contact this office at (734) 222-3879.

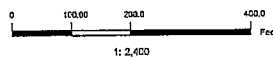
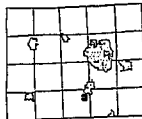
Sincerely,



Todd Alcock
Sanitarian



David King
 41-3825 Johnson Rd
 Sedro
 SE01B-00242



12/18/2018



NOTE: Parcels may not be to scale.

The information contained in this computerized map is intended to be used for general information purposes only and is not to be considered as a "survey document". The information is provided with the understanding that the user assumes all responsibility for the accuracy of the information. Any use of this data is hereby disclaimed.

THIS MAP REPRESENTS PARCELS AT THE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-225-4888.

Soils Eval #2

SOILS EVALUATION NOTES

SEV2018-020242

off James Dr

Date: 12/18/18

Address: +/- 5825 Johnson Rd Parcel: R-18-14423-001 Twp. Sedline

For: ~~New Construction~~ Replacement field Sanitation: ITK Excavator: J. Zohr

Additional people onsite: Deak King-Carr / Donnell Coe - maker

RESULTS: APPROVED DENIED Well First Area: YES NO Tank first: YES NO

Oversized field required: YES NO % NO Mortling observed: NO @ NO ft. NO

Approvable soils found from: 14 ft. to: 15 ft. Approval letter issued in field: YES NO

Top of Sand / Bottom of Stone 34 " ABOVE BELOW grade Basement plumbing: YES NO

COMMENTS: New Bulk Sols. Property is addressed at Johnson Rd,
but has access at James Dr. See Plan.

TEST PIT DESCRIPTIONS:

A 0-12" TS, L5

12" 3' Brown clay loam

3' 14' Brown clay

14-17' Dry Tan med sand

no H₂O

no roots

1) A, B, C Approved

B 0-12" TS, L5

12" 3' Brown clay loam

3' 15' Brown clay

15-18' Dry Tan med Brown sand

no H₂O

no roots

3) Appraisal Area long E horizon
Along woods edge

C 0-16" TS, L5

16" 4' Brown clay loam

4' 15' Brown clay

15-18' Tan dry med sand

no H₂O

no roots

Moist Soils