

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: 05-505 17420

Applicant:

Address:

Date Evaluated: 11-15-05

Proposed Facility: Home

Design Flow (.1949): 760

Property Size: .53

Location of Site: N127

Property Recorded: unk

Water Supply: Public Individual Well

Spring Other

Evaluation Method: Auger Boring Pit

Cut

Type of Wastewater: Sewage Industrial Process

Mixed

| Profile # | 1940 Landscape Position/Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 | | OTHER PROFILE FACTORS | | | | Profile Class & LTAR |
|-----------|--------------------------------|---------------------|------------------------|-----------------------------|-------------------------|------------------------|-------------------|-------------------|----------------------|
| | | | 1941 Structure/Texture | 1941 Consistence Mineralogy | 1942 Soil Wetness/Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | |
| | | 0-24 | GR SL | VFR J2 | | | | | |
| | | 24-48 | SBK SL | FR J2 | | 48 | | | 9 |
| | | 0-8 | GR SL | VFR J2 | | | | | |
| | | 8-38 | SDH SL | FR J2 | | 46 | | | 4 |
| | | 38-48 | SDH SL | FR J2 | | | | | |
| | | 0-8 | GR SL | VFR J2 | | | | | |
| | | 8-26 | SBK SL | FR J2 | | | | | |
| | | 26-48 | SDH SL | FR J2 | | 48 | | | 3 |
| | | 0-8 | GR SL | VFR J2 | | | | | |
| | | 8-26 | SDH SL | FR J2 | | 48 | | | 3 |
| | | 26-48 | SDH SL | FR J2 | | | | | |
| | | 0-8 | GR SL | VFR J2 | | | | | |
| | | 8-24 | SDH SL | FR J2 | | 48 | | | 3 |
| | | 24-48 | SDH SL | FR J2 | | | | | |

| Description | Initial System | Repair System |
|-------------------------|----------------|-----------------------|
| Available Space (.1945) | <u>✓</u> | <u>✓</u> |
| System Type(s) | <u>Gravel</u> | <u>Protective LPV</u> |
| Site LTAR | <u>1.3</u> | <u>1.5</u> |

Other Factors (.1946): _____
 Site Classification (.1948): PS
 Evaluated By: gwa
 Others Present:

Char # 257, Ind. 51172 - at 18" x 300

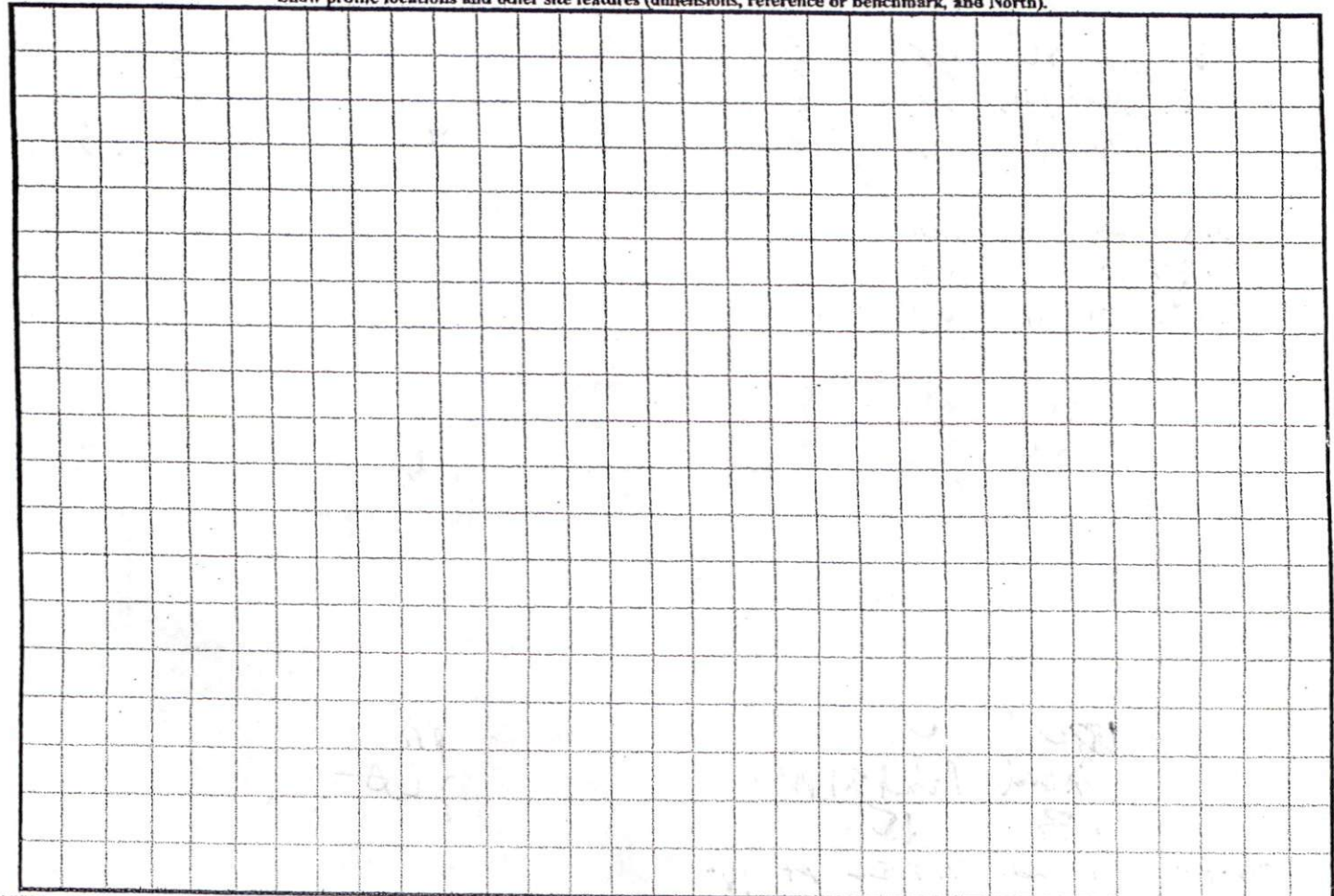
COMMENTS: _____

| <u>LANDSCAPE POSITIONS</u> | <u>GROUP</u> | <u>TEXTURES</u> | <u>.1955 LTAR</u> | <u>CONSISTENCE MOIST</u> | <u>WET</u> |
|------------------------------------|--------------|---|-------------------|--------------------------------|--|
| R-RIDGE | I | S-SAND | 1.2 - 0.8 | VFR-VERY FRIABLE FR-FRIABLE | NS-NON-STICKY SS-SLIGHTLY STICKY |
| S-SHOULDER SLOPE L-LINEAR SLOPE | | LS-LOAMY SAND | | | |
| FS-FOOT SLOPE | II | SL-SANDY LOAM | 0.8 - 0.6 | FI-FIRM VFI-VERY FIRM | S-STICKY VS-VERY STICKY |
| N-NOSE SLOPE H-HEAD SLOPE | | L-LOAM | | | |
| CC-CONCLAVE SLOPE | III | SI-SILT- | 0.6 - 0.3 | EFI-EXTREMELY FIRM | NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC |
| CV-CONVEX SLOPE | | SIL-SILT LOAM | | | |
| T-TERRACE | | CL-CLAY LOAM | | | |
| FP-FLOOD PLAN | | SCL-SANDY CLAY LOAM SICL-SILTY CLAY LOAM | | | |
| | IV | SIC-SILTY CLAY | 0.4 - 0.1 | | |
| | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |

STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

Show profile locations and other site features (dimensions, reference or benchmark, and North).



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Lot 143*

