

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: 05-5001234

Applicant:

Address:
 Proposed Facility: SBR

Design Flow (.1949): 360

Date Evaluated: 6/16/05
 Property Size:

Location of Site:

Property Recorded:

- 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 | .1941 Mineralogy | .1942 Soil Wetness/Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | | |
| 1 | | 0-48 | SL | Gc | F ₁ | NSNP | | 248" | | | 0.6 PS |
| 2 | | 0-48 | SL | Gc | F ₁ | NSNP | | 248" | | | 0.6 PS |
| 3 | | 0-48 | SL | Gc | F ₁ | NSNP | | 248" | | | 0.6 PS |
| 4 | | 0-48 | SL | Gc | F ₁ | NSNP | | 248" | | | 0.6 PS |

| Description | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | COTU ✓ | LPP |
| System Type(s) | COTU | LPP |
| Site LTAR | 0.6 | 0.3 |

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

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 FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM | NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC |
| S-SHOULDER SLOPE | | LS-LOAMY SAND | | | |
| L-LINEAR SLOPE | II | SL-SANDY LOAM | 0.8 - 0.6 | | |
| FS-FOOT SLOPE | | L-LOAM | | | |
| N-NOSE SLOPE | III | SI-SILT- | 0.6 - 0.3 | | |
| H-HEAD SLOPE | | SIL-SILT LOAM | | | |
| CC-CONCLAVE SLOPE | | CL-CLAY LOAM | | | |
| CV-CONVEX SLOPE | | SCL-SANDY CLAY LOAM | | | |
| T-TERRACE | IV | SIC-SILTY CLAY | 0.4 - 0.1 | | |
| FP-FLOOD PLAN | | 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).

