

**SOIL/SITE EVALUATION  
 for ON-SITE WASTEWATER SYSTEM**

Owner:

Applicant:

Address:

Date Evaluated: 3/18/04

Proposed Facility: 3 BORN HOUSE Design Flow (.1949): 360 gpd

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

P R O F I L E #	.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	
		0-12	G SL		CR2 + PHY. WET				US
		12" +	SBK CL		@ 6"				
		0-10	G SL		CR2 + PHY WET				US
		10"	SBK C/L		@ 10"				
		0-14	G SL		PRESENCE OF LAT.				
		14" +	SBK C		WATER @ 14"				
		0-12	G SL						PS
		12-36"	SBK CL	F S/P	CR2 @ 32"				.35
		0-10	G SL						PS
		10-26'	SBK C/L	F S/VP	CR2 @ 24"				.3

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

Other Factors (.1946): \_\_\_\_\_  
 Site Classification (.1948): \_\_\_\_\_  
 Evaluated By: OT  
 Others Present: BM

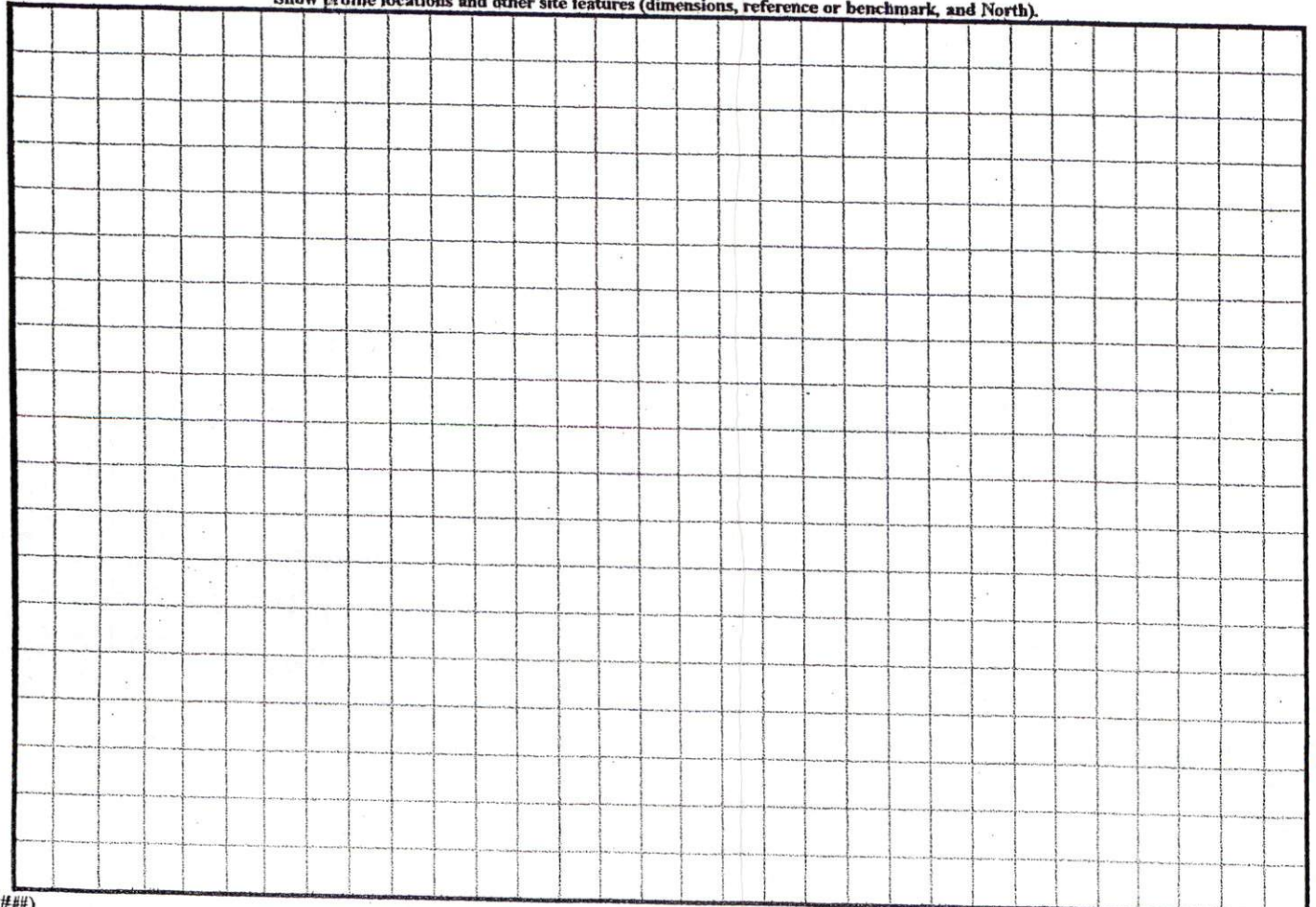
COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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





JENKINS MAN-A-TEE DESIGN

4" 2 SC140 TAPS =  $4 \times 7.11 = 28.44 + 2 = 30.44 \approx 31$  gpm

TDH =

FH + EH + RH

$4' + 6' + 2' = 12'$

RH = 2'

EH = 3' 11" = 3.85' + 6' = 6.25' ~ 6'  
4' 1.5"

FH = 200' @ 2" RFE =  $1.78' / 100' = 3.56' + 20\%$  FOR ELBOWS = 4.27 ~ 4'

31 gpm @ 12' TDH

4" 2 SC140 TAPS

Dose  
 $300' \times .65 \times .66 = 130$  gal/dose

Handwritten scribbles at the top right of the page.

4x75, 25% RFD  
@ 24-26"

