

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

Owner: Applicant:

Address:

Date Evaluated:

Proposed Facility:

Design Flow (.1949):

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.)	.1936 Sapro Class	.1944 Restr Horiz.	
1	L3 25%	0-20	G S	VFA NS/NP					
		20-36	SBK SCL	F2 SS/SP					PS.4
		36"	SBK C	F1 S/P	10/28/1 @ 36"				
2		0-22	G S	VFA NS/NP					
		22-38	SBK SCL	F2 SS/SP					PS.4
		38"	SBK C	F1 S/P	10/28/1 @ 38"				
3		0-19	G S	VFA NS/NP					
		19-35	SBK SCL	F2 SS/SP					PS.4
		35"	ABK C	F1 S/P					

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1943)	✓	✓	Site Classification (.1948): PS
System Type(s)	25%	25%	Evaluated By: [Signature]
Site LTAR	.5	.5	Others Present: -

GWEN OAKS LOT 20

Project No.11,118.S2

LAYOUT FOR 3 BEDROOM HOME

MARCH, 2009

<u>LINE #</u>	<u>FLAG COLOR</u>	<u>BS</u>	<u>HI</u>	<u>FS</u>	<u>ELEVATION</u>	<u>FLAGGED LINE LENGTH</u>	<u>DESIGN LINE LENGTH</u>
TBM		7.5			100.00		
INSTR. 1			107.50				
1	BLUE			2.90	104.60	40	40
2	PINK			3.80	103.70	65	65
3	YELLOW			4.40	103.10	75	75
4	ORANGE			5.20	102.30	140	105
5	RED			5.80	101.70	140	105
Total						460	390

<u>System</u>	<u>LINE LENGTH</u>	<u>LTAR GPD/FT²</u>	<u>SYSTEM TYPE</u>	<u>SOIL LTAR GPD/FT²</u>	<u>INNOVATIVE SYSTEM</u>	<u>DISTRIBUTION GRAVITY TO D-BOX</u>
System	210	0.50	INNOV.	0.50	EZ-Flow	GRAVITY TO D-BOX
Repair	180	0.50	INNOV.	0.50	EZ-Flow	PRESSURE MANIFOLD

- Notes:**
- TBM 4.1 @ BASE OF LIGHT POLE
 - **TBM is assumed to be 100'.
 - **All measures in feet.
 - **Nitrification lines are demonstrated on contour via colored pin flags.
 - **BS, HI, and FS indicate rod readings.