Lot 8 The Harbour Fast Track Septic System Information

Number of Bedrooms	4
Basement or Crawl	**Basement with Plumbing**
Design Flow (gpd)	480
LTAR (gpd/ft2)	0.3
Primary System Type	**LP PPBPS**
No. Lines	3 (See Table)
Total Linear Feet	270
Trench Width	2' min.
Trench Spacing	8' min.
Pump Required	Yes
Distribution Device	Gate Valve Box w/ LPP Distribution
Maintenance Agreement Required	Yes
Length and Diameter of Supply Pipe	10' of 2" SCH 40 PVC
Size of laterals	1 1/4" SCH 40 PVC
Flow Rate through the system	30.5 gpm
Elevation head	Approx. 8.0'
Pressure head	3.0'
Friction head	1.0'
20% Contingency	2.4'
Total Head	14.4'
Pump Requirements	30.5 gpm @ 14.4' of head To be designed by installer.
Maximum Dosing Volume	219.6 gal -2.2 doses/day @ design flow*
Volume of water pumped per dose	Calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Pump Run per dose	approx. 7.2 min.
Check Valve	No
Siphon Break hole	Yes
Repair System	**LP PPBPS**
Total Linear Feet	341
Repair LTAR	0.3

***Before placement of cap block, one panel on each line near the center of the field should be observed filling to make certain that it does not overflow top chamber into air chambers of panel. If overflow occurs, reduce floats by 25 gallons and reset until no overflow is observed.**

Table 1: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)	Rod Reading Elev. (Ft.)	Panels	Holes	Hole Spacing	Hole Size (In.)
1	Repair	NF	LPPPBPS	50					
2	Repair	NF	LPPPBPS	40					
3	Repair	Orange	LPPPBPS	30					
4	Repair	White	LPPPBPS	80					
5	Repair	Orange	LPPPBPS	47					
6	System	Blue	LPPPBPS	115 centerfed		26	26	1 per panel	5/32"
7	System	Orange	LPPPBPS	105 centerfed		24	24	1 per panel	5/32"
8	System	Pink	LPPPBPS	50 endfed		11	11	1 per panel	5/32"
9	Repair	Pink	LPPPBPS	26					
10	Repair	Red	LPPPBPS	68					
						Total: 61	Total: 61 (1 in each panel turned up)		
				Total System: 270'					
				Total Repair: 341'					

Tank	Red	1000 gal (2 compartment)	
Pump Tank	Red	1000 gal.	
House	Blue		

Note:

)ENR/DEH

)N-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

)WNER: Kelly Construction
ADDRESS: _____ APPLICATION DATE _____
'ROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 DATE EVALUATED: 10/3/08 & 10/6/08
.OCATION OF SITE: Lot 8 Harbour PROPERTY SIZE: _____
/ATER SUPPLY: X Private • Public • Well • Spring • Other _____ PROPERTY RECORDED: _____
:VALUATION METHOD: X Auger Boring • Pit • Cut TYPE OF WASTEWATER: X Sewage • Industrial Process • Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	AH - A	0-24	MoSBK C	FR SS/SP	Red		C Sap		0.3 - 0.325
	L	24-42	WK SBK CL	FR SS/SP	Red				
		42-48	MA L Sap	FR SS/NP	Br Red				
2	AH B	0-5	MoGR SL	FR NS/NP	Br		F Sap		0.3
		5-32	MoSBK C	FR SS/SP	Red		C Sap		
		32-45	WK SBK CL	FR SS/SP	Red				
		45-48	MA SL Sap	FR SS/NP	yel Red				
3									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
vailable Space (.1945)		
ystem Type(s)		
ite LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: KMS
OTHER(S) PRESENT: _____

)MMENTS: _____