Falls Park Lot 19 Fast Track - The Oaks Group, PA

Number of Bedrooms	**5**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**600**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	7 (See Table)
Total Linear Feet	500
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or Other
Tank Size	1500 gallon tank
Max Trench Bottom Depth	36"
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	414
Repair Loading Rate	0.25

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Orange	LP PPBPS	51
2	Repair	Blue	LP PPBPS	53
3	Repair	Red	LP PPBPS	90
4	Repair	Pink	LP PPBPS	105
5	Repair	Orange	LP PPBPS	115
6	System	Orange	25% Reduction	30 endfed
7	System	Blue	25% Reduction	50 endfed
8	System	Orange	25% Reduction	70 endfed
9	System	Pink	25% Reduction	90 endfed
10	System	Red	25% Reduction	115 endfed
11	System	Blue	25% Reduction	97 endfed
12	System	Orange	25% Reduction	48 endfed
				Total System: 500'
				Total Repair: 414'

Note: Keep any grading for the house box or pool a minimum of 25 ft from repair area
Remove any existing agricultural berms
Tank and distribution device locations/type can be altered at the ICHD discretion

20
44,532 SF
1.022 AC
L=90.85'
R=319.07'
L=81.44'
R=714.60'
L=123.38'
R=714.60'
384.95'
Add Replace 4
RCP
RCP
RCP
RCP
RCP
53'
90'
105'
115'
0
House
FF - 60'
19
82,681 SF
1.209 AC
40' Pool
25'
67'
90'
103'
110'
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Driveway
Complex
Topo
20' SIDE YARD
345.19'
25' FRONT YARD
25' REAR YARD
18
44,341 SF
1.018 AC
17
44,322 SF
1.017 AC
20' SIDE YARD
300.84'
38.36'
38.36'
84.45'
119.55'
125'
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15'
10'
5'
0'

Lot #:
File #:
AppID:

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM VHS

Owner: Falls Park, LLC
Address:
Applicant:
Proposed Facility: SFR
Date Evaluated: 3-31-14
Location of Site: Lot 19
Design Flow (.1949) 480
Property Size:
Property Recorded:

Water Supply: [X] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 Structure/ Texture	SOIL MORPHOLOGY 1941 Consistence Mineralogy	PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	L	0-21	Mo SBK C	FR SS/SP	Red				0.275
		21-51	WK SBK CL	FR SS/SP	Red; C yel Br WR				
2	L	0-24	Mo SBK C	FR SS/SP	Red				0.3 to 36"
		24-36	WK SBK CL	FR SS/SP	Red, C sap				
		36"	Cr	(36" Ave)					
3	L	0-8	WK ABK C	Fi SS/SP	Red				0.3
		8-36	WK SBK CL	FR SS/SP	Red; C sap				
		36-48	WK SBK CL	FR SS/SP	Red yel; M sap				
4	L	0-12	Mo SBK C	FR SS/SP	Red				0.35
		12-48	WK SBK CL	FR SS/SP	Red; C sap				

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)	LPP PBPS	LP PP BPS
Site LTAR	0.275	0.275

Other Factors (.1946):
Soil Evaluation By:
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

v HS

Sheet:
Property ID:
Lot #:
File #:
AppID:

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner:
Address:
Proposed Facility:
Design Flow (.1949)
Location of Site: Lot 19

Applicant:
Date Evaluated:
Property Size:
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 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
A	L	0-27	Mo SBK C	FR SS/SP	R				0.3
		27-55	WK SBK CL	FR SS/SP	R; C sap				
B	L	0-25	Mo SBK C	FR SS/SP	R				0-14 PL 0.3
		25-55	WK SBK CL	FR SS/SP	R; C/M sap				

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

Other Factors (.1946):
Soil Evaluation By:
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

5 BDR