Addendum

Soil & Environmental Consultants, PA

248 LePhillip Court • Concord, North Carolina 28025 • Phone: (704) 720-9405 • Fax: (704) 720-9406
www.SandEC.com

Attached is a proposed design for a Gravity Distribution Septic System for a 3 bedroom single family residence on lot 14 Wheatfield in Iredell County, North Carolina.

Contents: **Page**

Information for the Installer---------- 1

Design Information
- Layout Specifications---------- 2
- Repair ---------- 3

Site Plan/System Plan---------- 4

Septic Tank Diagram---------- 5

Maintenance---------- 6-9

April 29, 2008
S & EC Project No. 5-1862
Design By: E. Bailey

Greensboro Office:
3817-E Lawndale Drive
Greensboro, NC 27455
Phone: (336) 540-8234
Fax: (336) 540-8235

Raleigh Office:
11010 Raven Ridge Road
Raleigh, NC 27614
Phone: (919) 846-5900
Fax: (919) 846-9467

Wheatfield Lot 14

Project No. 5-1862

LAYOUT FOR 3 BEDROOM HOME

April-08

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH
TBM		4.1			100.00	
INSTR. 1			104.10			
			System			
1	Pink			5.60	98.50	30
2	Red			6.40	97.70	80
3	Orange			7.20	96.90	75
4	Yellow			7.70	96.40	60
5	Blue			8.20	95.90	60
					Total	**305**
			Repair			
6	Pink			0.00	104.10	64
7	Red			9.60	94.50	55
8	Orange			10.00	94.10	53
9	Yellow			10.60	93.50	35
						207

	LINE LENGTH	Soil LTAR	SYSTEM TYPE	Innovative Type	DISTRIBUTION	Trench Depth
SYSTEM	305	0.3	Innovative	25%	Drop Box	24"
REPAIR	207	0.3	PPBPS	50%	Low Pressure	30"

Notes:

**TBM is top of stump

**Nitrification lines are demonstrated on contour via colored pin flags

**BS, HI, and FS indicate rod readings

**Lines may be longer in field than design requires

Wheatfield Lot 14

REPAIR

Line #	Color	Elev	Length	# Panels	Hole Size	Head	Flow
6	Pink	95.1	64	14	5/32"	3	7.00
7	Red	94.5	55	12	5/32"	3	6.00
8	Orange	94.1	53	12	5/32"	3	6.00
9	Yellow	93.5	35	8	5/32"	3	4.00
			207	46			23.00