LP PPBPS SYSTEM
FOR WASTEWATER TREATMENT

Owner/Applicant:	Harris M. Harris
Address:	1837 Meadow Wood lane Charlotte, NC 28211
Phone:	704.332.1186
County:	Iredell
Location:	347 Whippoorwill Lane
Source of Wastewater Flow:	3 Bedroom Single Family Residence
Estimated Daily Wastewater Production:	360 gpd
System Flow:	18.86

Design Specifications

Drainfield Size:	200
Loading Rate:	0.3
Depth of Gravel in Trench:	NA (PPBPS)
Gravel Size:	NA (PPBPS)
Trench Depth:	28-30 in.
Trench Width:	24 in.
Septic Tank Size:	1000
Pump Tank Size:	1000
Estimated Supply Line Length:	95
Supply Line Diameter:	2 in. SCH 40 PVC
Supply Line Volume:	16.53
Dosing Volume:	110.95
Supply Manifold:	N/A
Supply Manifold Length:	N/A
Supply Manifold Volume:	N/A
Recommended Float Controls:	SJE Sensor Float Control Switches as Required for Control Panel or County Approved Equivalents
Recommended Control Panel:	SJE-Rhombus Model 112 (NEMA 4x) Control Panel or County Approved Control Panel.
Pressure Head:	2 ft.
Friction Head:	0.80
Elevation Head:	10.50
Total Dynamic Head:	15.29
Threaded Union:	In Tank
Gate Valves:	1 in Tank 1 per lateral
Check Valves:	In Tank
Anti-Siphon Hole:	NA
Additional Comments:	Soil suitability was performed by Rollans Soil & Environmental Services

347 Whippoorwill Lane
LP PPBPS

DESIGN FLOW:	360
SOIL APPLICATION RATE:	0.3
TOTAL AREA TRENCH BOTTOM:	600
TOTAL LATERAL LENGTH:	200
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	200.00
SUPPLY LINE LENGTH:	95
TOTAL DYNAMIC HEAD:	15.29
MANIFOLD SIZE:	N/A
DOSING VOLUME:	110.95
PUMP TANK DRAW DOWN*:	5.3
SEPTIC TANK SIZE:	1000
PUMP TANK SIZE:	1000

**Pump tank draw down based on a volume basis of 21 gallons per inch. Draw down may vary among pump tank manufacturers.*