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IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PERMIT# 40-777/42389 PIN# 4720506810 ✓ DATE 4-18-07

OWNER OR APPLICANT DERECK OSBORNE BLD PHONE: Business 704-902-4443 Home 704-592-2604

ADDRESS PO BOX 1783 Statesville NC 28625

LOCATION PEETH RD (B) State Park (C) Wildlife (D) Sierra Woods (E) MAPLE VIEW (F) Dead end to cul-de-sac

SUBDIVISION Wildlife Ramp BLOCK / SECTION II LOT 88/89A LOT AREA SITE CLASS. B&C DESIGN FLOW 960 L.T.A.R. .5

Septic Tank: 2000 Gallons; STB 633 Date 3-5-06
Pump Tank: 2500 Gallons; PT 916 Date 5-3-05
Pump Make: Zoeller Model 5034-0010 Serial No. 1874404
Nitrification Field: No Fields 1 Square Feet 3200' Linear Feet 535
No Lines 5 Trench Width 24" Max Trench Bottom Depth 36" Gravel Depth n/a ☐ Gravity ☒ Pressure

☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI
System Description: Low Pressure 50% Reduct
Repair System Description: Same
Maintenance Agreement Required: ☒ Yes ☐ No

☒ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other
No. Bedrooms 3 No. Persons 16 No. Employees

Water Supply: ☐ Individual ☐ Public ☒ Community

☐ Slab ☐ Crawl Space ☒ Basement w/plumbing ☐ Basement wo/plumbing

Comments/Conditions: (1) Keep fill from basement cut to tanks, (2) Install lines on contours & maintain setbacks.

Comments/Conditions: ☒ A consultative will need to take place by installation of system ☒
PT 2500 Gallon

INITIAL SITE SKETCH

SEE ATTACHED SYSTEM DESIGN BY LOUIE COOK, R.S.

(1) Air Relief Valve needs to be installed in force main, at highest pt, such as the vacuum relief valve by Orenco Systems

(2) Pump figures are estimates only. Pump TDH is around 90 TDH & Pump 6pm 55 gpm

(3) Use an effluent filter such as the In Line Sim Tech Filter & Lower Soak Screen.

(4) A High Head Pump such as the Zoeller multistage effluent pump should be used to achieve the 60m/TDH reqmts.

AS BUILT SKETCH

Permit can be suspended or revoked if any false information is supplied toward securing the permit/any unauthorized changes are made to the site/any unauthorized changes are made in the installation of the system. Improvement Permit with plat valid without expiration ☐ Improvement Permit with site plan valid for sixty months ☒ Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: _____ date 4-19-07 Installed by: Welborn's Grading & Excav. LLC

Improvement Permit by: _____ date 4-19-07 Operation Permit by: _____ date 7/25/08

Authorization to Construct by: _____ date 4-19-07 Existing System Inspection by: _____ date _____

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK