# IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 180506

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

PIN # 4768786273

APPLICANT: Willis Knox APPLICANT ADDRESS: 290 Noel Rd.

SITE ADDRESS: 290 Noel Rd. PHONE: 704-567-4331 ALT. PHONE: N/A

SITE DIRECTIONS: Hwy 21 N TR Noel Rd. at end of cul-de-sac

SUBDIVISION: N/A SECTION: N/A LOT # N/A LOT AREA: .68 acres DESIGN FLOW: 360gpd L.T.A.R.: 0.25

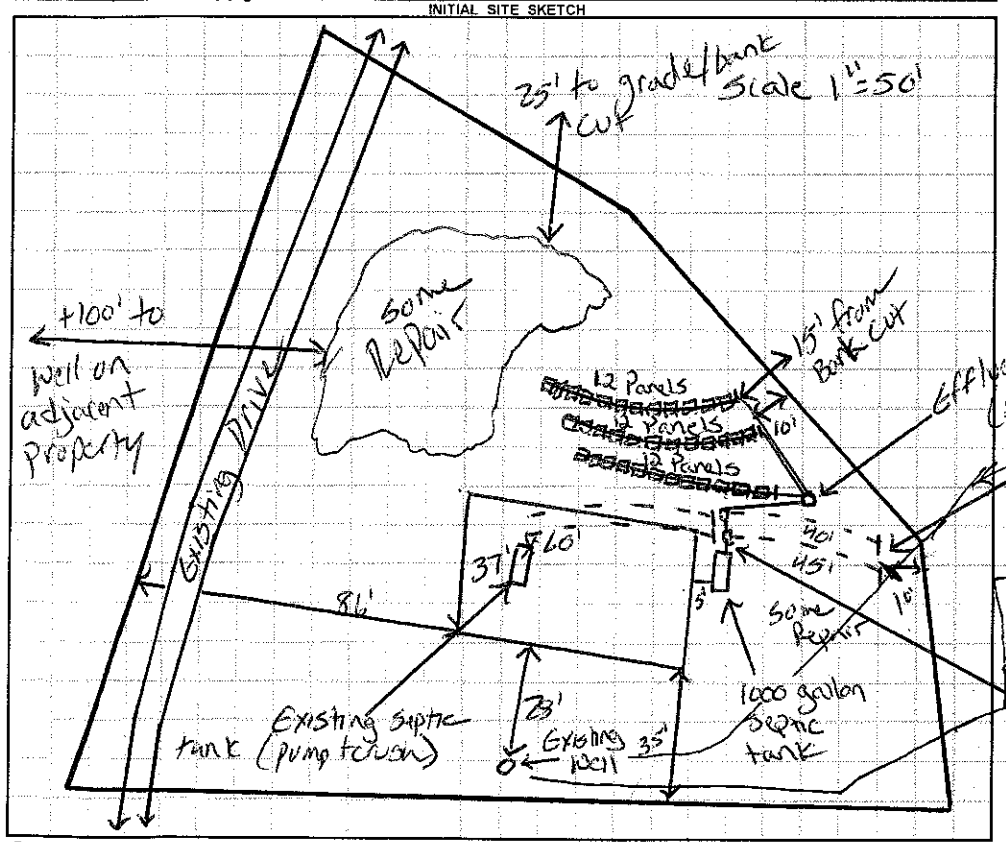
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1600 (gal) | STB | 794 | Date | 7-19-13 | ☐ New System | ☐ Repair | ☑ Expansion | System Type: I II III IV V VI | ☑ Residence | No. Bedrooms 3 |
| Pump Tank | (gal) | PT | | Date | | System Description: | 50% Reduction | | | ☐ Business | No. Persons |
| Pump Make | | Model | | Serial # | | Repair System Description: | 50% Reduction | | | ☐ Other | No. Employees |
| # Nitrification Fields | 1 | # Lines | 3 | Linear Ft: | 150 | Maintenance Agreement Required: | ☐ YES | ☑ NO | | ☐ Slab | ☑ Crawl Space |
| Trench Width | 24" | Max. Trench Bottom Depth | 36" | Gravel Depth | N/A | | ☑ GRAVITY | ☐ PRESSURE | | ☐ Basement w/plumbing | ☐ Basement w/o plumbing |

**Water Supply**: ☑ Private ☐ Public ☐ Community

Comments / Conditions: Install 150' of 50 percent reduction system on contour. Utilize an effluent spitter to feed 3 new lines via parallel distribution. Cut off existing nitrification line's at both location shown below.

Install drop boxes on existing nitrification lines at location shown below & set to feed serially before feeding the effluent splitter. Pump & crush existing septic tank. - Remove existing out-building from sewage repair areas.

INITIAL SITE SKETCH




AS BUILT SKETCH

- Install Effluent Splitter
- New S. Tank Installed
- Bottom line 52 ft.
- Items okay BZ

(New water line already covered @ time of inspection)

- Nitrification field Checked By Bill Johnson

Cut Existing lines off @ 10' From Property line here

New water line

cut off Existing lines here & set drop boxes to feed existing lines serially

*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.* **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Tammy Knox Date: 9-13-13 Installed by: F. D. Ervin

IMPROVEMENT PERMIT by: Justin Henderson Date: 9-12-13 OPERATION PERMIT by: Justin Henderson Date: 9-30-13

AUTHORIZATION TO CONSTRUCT by: Justin Henderson Date: 9-12-13 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK