IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 204639

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

PIN # 4679-02-4484 4803

APPLICANT: Doug Helms MCT General Cont APPLICANT ADDRESS: P.O. Box 337 Monroe NC 2811

SITE ADDRESS: 838 Mazeppa Rd (Triplett UMC) PHONE: ALT. PHONE:

SITE DIRECTIONS: Hwy 115 N, TR on Mazeppa, Church on R at corner of Mazeppa and Triplett

SUBDIVISION: Triplett UMC SECTION: LOT # LOT AREA: 13.453 ac DESIGN FLOW: 1125 gpd L.T.A.R.: 0.25

Septic Tank	4000 (gal)	STB	509	Date	7-8-15	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☐ Residence	No. Bedrooms		Water Supply
Pump Tank	4500 (gal)	PT	407	Date	7-7-15	System Description:	Conventional, using 25% Reduction Material			☑ Business	No. Persons	746	☑ Private
Pump Make	Goulds	Model	WE101	Serial #		Repair System Description:	Conventional using 25% Red. Material			☑ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	8 (7CF)	Linear Ft:	1510	Maintenance Agreement Required:	☑ YES	☐ NO		☐ Slab	☐ Crawl Space		☐ Community
Trench Width	36"	Max. Trench Bottom Depth	24" ~~36"~~	Gravel Depth	N/A		☐ GRAVITY	☑ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: This permit is for the addition of an 8,636 sqft Church Activity Building and a 14,540 sqft Family Life Center. *15" Trench Bottom per plans*; An Operations and Maintenance Contract is required by a Certified Operator. *This permit replaces 10-24-14 permit.

INITIAL SITE SKETCH

*A 3000 gal grease trap to be added per plans

*3 inches of additional approved soil cover material to be added to drainfield to achieve 6" required.

*A preconstruction meeting will need to be held prior to System install. Attendees should be ICHD, Owner or representative, system installer, and design engineer.

*Tanks must be tested for water tightness

SEE DESIGN BY Chris Hope PE

(Revised 7-9-15, Approved 7-15-15)

AS BUILT SKETCH

*3000 Grease 7-2-15 held 5" hg for 2 min pressure test HS-20244

- 4000 gal STB held 5" hg for 2 min pressure test
- 4500 PT, held 5" hg for 2 mins. ALP 8-13-15
- 1 HP Pump
- SJE Rhombus IFS Control Panel Model # IFS 11W114H4AD8AC40E176
- 24" French Bottom
- Checked PM, 8-18-15 ALP
- Run Pump, 2' of Pressure Head 8-18-15 ALP
- Trenches checked 8-18-15 ALP
- Pump Checked 8-18-15 ALP
- End Feed Lines, called Trish Angoli, she was also fine with end feeding ALP
- Electrical checked 9-14-15 ALP
- Alarm checked, control panel set 7:23 min on, 12 hr off 2 doses a day, 2' pressure head reset
- Maintenance Agreement 9-14-15 ALP

ALP 8-11-15

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: Date: 7-16-15 Installed by: Orbison

IMPROVEMENT PERMIT by: Date: 7-15-15 OPERATION PERMIT by: Date: 9-22-15

AUTHORIZATION TO CONSTRUCT by: Date: 7-15-15 Existing System Inspected by: Date:

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