

HTE# 17-5-41710

Harnett County Department of Public Health

29765

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Timmons Group
 NEW REPAIR EXPANSION
 Type of Structure: 100'x100' Diesel Truck Facility
 Proposed Wastewater System Type: 25% Reduction Sys.
 Projected Daily Flow: 200 GPD 8 Employee max
 Number of bedrooms: NA Number of Occupants: NA max
 Basement Yes No
 Pump Required: Yes No May be required based on final location and elevations of facilities
 Type of Water Supply: Community Public Well Distance from well NA feet
 Permit conditions: NO FLOOR DRAINS PERMITTABLE

PROPERTY LOCATION: Progress Dr. (NC 42 Hwy)
 SUBDIVISION Duncan Industrial Park LOT # 1412
 Site Improvements required prior to Construction Authorization Issuance:

Permit valid for: Five years
 No expiration

Authorized State Agent: [Signature] Date: 11/29/2017 SEE ATTACHED SITE SKETCH

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

Construction Authorization

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: Timmons Group

PROPERTY LOCATION: Progress Dr. (NC 42 Hwy)
 SUBDIVISION Duncan Industrial Park LOT # 1412

Facility Type: 100'x100' Diesel Truck Facility New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 200 GPD
 (See note below, if applicable
25% Reduction System (Repair) 8 Employees Max

Installation Requirements/Conditions

Septic Tank Size 1000 gallons
 Pump Tank Size 1000 gallons
 Number of trenches 3
 Exact length of each trench 50 feet
 Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a
 Maximum Trench Depth of: 22 inches (Maximum soil cover shall not exceed
 (Trench bottoms shall be level to +/-1/4" 36" above the trench bottom)
 in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM
 Aggregate Depth: _____ inches below pipe
 _____ inches above pipe
 _____ inches total
 Conditions: Tanks + supply line specifics may vary based on final structure specifications.

**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.
 NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

**If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.

Owner/Legal Representative Signature: _____ Date: _____

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. SEE ATTACHED SITE SKETCH

Authorized State Agent: [Signature] Date: 11/29/2017
ANDREW CURRIN Construction Authorization Expiration Date: 11/29/2022

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: *RP One, LLC* Applicant: *Timmons Group*
 Address: *Progress Dr. LL 142* Date Evaluated: *10/25/17*
 Proposed Facility: *Ind. Bld.* Design Flow (.1949): *200 GPD* Property Size: *2.41 AC*
 Location of Site: _____ Property Recorded: *MS*
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1,3	L 2%	0-28	<i>VL LS</i>	<i>VL N/S/1/4p</i>					PS
		28-40	<i>ML SLL</i>	<i>FL S 1/4p</i>	<i>7.5 YL 7/1 @ 38"</i>	<i>40</i>			0.5
2,4	L 2%	0-32	<i>CL LS</i>	<i>VL N/S/1/4p</i>					PS
		32-40	<i>ML SLL</i>	<i>FL S 1/4p</i>	<i>7.5 YL 7/1 @ 38"</i>	<i>40</i>			0.5
<i>* Soil Profiles consistent. Hal Owens, LSS soil report and layout</i>									
5	L 3%	0-24	<i>CL LS</i>	<i>VL N/S/1/4p</i>					PS
		24-40	<i>ML SLL</i>	<i>FL S 1/4p</i>	<i>7.5 YL 7/1 @ 36"</i>	<i>40</i>			0.45
6	L 3%	0-18	<i>CL LS</i>	<i>VL N/S/1/4p</i>					B
		18-36	<i>ML SLL</i>	<i>FL S 1/4p</i>	<i>7.5 YL 7/1 @ 30"</i>	<i>36</i>			0.45

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948):
System Type(s)	<i>25% M2</i>	<i>25% M2</i>	Evaluated By: <i>Andrew Curran, MS, PE</i>
Site LTAR	<i>0.5</i>	<i>0.5</i>	Others Present: