

HTE# 17-5-42846

Harnett County Department of Public Health

29778

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: David + Karen Bevins PROPERTY LOCATION: 157 Twin Fields Dr. (Oakridge Down rd.)
 SUBDIVISION: Austin Farms LOT # 13
 NEW REPAIR EXPANSION
 Type of Structure: 302 50'x56' SFD Site Improvements required prior to Construction Authorization Issuance: _____
 Proposed Wastewater System Type: 25% reduction sys.
 Projected Daily Flow: 360 GPD
 Number of bedrooms: 3 Number of Occupants: 6 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 _____ feet Permit valid for: Five years
 Permit conditions: _____ No expiration

Authorized State Agent: Andrew Curran, PEAS Date: 12/14/2017 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: David + Karen Bevins PROPERTY LOCATION: 157 Twin Fields Dr. (Oakridge Down rd.)
 SUBDIVISION: Austin Farms LOT # 13
 Facility Type: 302 50'x56' SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% reduction system (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable 25% reduction system (Repair))

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>1</u>	Exact length of each trench <u>225</u> feet	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Trenches shall be installed on contour at a Maximum Trench Depth of: <u>24</u> inches (Trench bottoms shall be level to +/-1/4" in all directions)	Soil Cover: <u>12</u> inches (Maximum soil cover shall not exceed 36" above the trench bottom)	
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: _____ inches below pipe	_____ inches above pipe
Conditions: _____		_____ inches total	

**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: Andrew Curran, PEAS Date: 12/14/2017
ANDREW CURRAN Construction Authorization Expiration Date: 12/14/2022

HTE# 17-5-43846

Permit # 29778

Harnett County Department of Public Health Site Sketch

ISSUED TO: David + Karen Bevins PROPERTY LOCATOR: 157 Twin Fields Dr. (Oakridge Dr. on rd.)
SUBDIVISION: Austin Farms LOT # 13

Authorized State Agent: Andrew Curran, PEHS Date: 12/14/2017
ANDREW CURRAN



* See Included A. Adams, LSS Report + Layout

- * One (1) line system
225FE - total
- Line 1 Approx 60FE (YELLOW)
- Line 2 Approx 60FE (WHITE)
- Line 3 Approx 125FE (PINK)

* Any future sheds shall be proposed post install and dependent on system location and required repair area

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

Owner: Applicant: *David + Karen Adams*
 Address: *Austin Farms Lot 13* Date Evaluated: *12/14/17*
 Proposed Facility: *332 SFD* Design Flow (.1949): *300 GPD* Property Size: *6.59 AC*
 Location of Site: *332 SFD* Property Recorded: *TES*
 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	
<i>025</i>	<i>L 3%</i>	<i>0-30</i>	<i>CL LS</i>	<i>VRL 5H 4ep</i>					
		<i>30-44</i>	<i>PL SL</i>	<i>FA 5H 4ep</i>	<i>7.5VRL 7, @ 42"</i>				<i>PS</i>
		<i>44+</i>	<i>Parent Mat</i>	<i>-</i>		<i>44</i>			<i>0.4</i>
<i>075</i>	<i>L 3%</i>	<i>0-28</i>	<i>CL LS</i>	<i>VRL 5H 4ep</i>					
		<i>28-36</i>	<i>ML SL</i>	<i>FA 3 P 1/4ep</i>					<i>PS</i>
		<i>36+</i>	<i>Parent Mat.</i>	<i>-</i>		<i>36</i>			<i>0.4</i>
<i>100</i>	<i>L 3%</i>	<i>0-24</i>	<i>CL LS</i>	<i>VRL 5H 4ep</i>					
		<i>24-32</i>	<i>ML SL</i>	<i>FA 5 P 1/4ep</i>					<i>V/PS</i>
		<i>32+</i>	<i>Parent Mat</i>	<i>-</i>	<i>7.5VRL 7, @ 30"</i>	<i>32</i>			<i>0.4</i>
<i>* Soil reports consistent w/ report + layout by A. Adams, LBS</i>									

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <i>Provisionally suitable</i>
System Type(s)	<i>25% bed</i>	<i>25% bed</i>	Evaluated By: <i>Andrew Corrin, LBS</i>
Site LTAR	<i>0.4</i>	<i>0.4</i>	Others Present: