



Onslow County Health Department  
 234 Northwest Corridor Blvd  
 Jacksonville, North Carolina 28540  
 Phone: (910) 938-5851 Fax: (910) 989-5819

# OPERATIONS PERMIT

(GS 130A-337)

**Owner:** BEAVER CREEK INVESTORS INC

**Address:** 205 BRICE CT, HUBERT, 28539

**Parcel:** 1306H-22

**Subdivision:** PLEASANT RIDGE

**Lot Number:** 22                      **Section:**                      **Phase:**

**Block:**                      **Part:**                      **Tract:**

**Proposed Use:** Single Family Residence

**Location:** off Peytons Ridge Dr.

**Facility/Daily design flow:** 3 BEDROOM/ <360 GPD

**System Information:** 25% reduction accepted system - 5(45') polystyrene lines / 900 sq. ft. aerobic drip repair

**Water Supply:** Public

**System Description:** 25% Reduction Accepted System, EZflow EZ 1203H-GEO

Permit No: EHOP-2017-00144

Workclass: EH OP New

## FINAL PLOT / REMARKS

**System Type:** III

**System Classification:** g. Non-Conventional trench system

**Manufacturer:** EZflow EZ 1203H-GEO

**Model#:** EZ1203H-GEO

*Note: Type V and VI systems expire in 5 years. (In accordance with Table Va of .1961). Owner must contact the Onslow County Health Department 6 months prior to expiration for permit renewal. Onslow County Health Department is required to inspect the following system types: IIIb, every 5 years; IV, every 3 years; V, once per year and VI, every six months.*

Signed By: Erin Moye

Date: 03/29/2017

*This system has been installed in compliance with applicable NC General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the I.P. and C.A. This system shall perform in accordance with 15A NCAC 18A Rule .1961. Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank periodically removed from all compartments. The contents shall be pumped, by approved means, whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.*

**THE ISSUANCE OF THIS O.P. DOES NOT CONSTITUTE AN ONSLOW COUNTY WARRANTY OR GUARANTEE OF THE FUNCTIONALITY OF THE WASTEWATER SYSTEM**

Owner: PLEASANT RIDGE  
 Address: LOT 22  
 Location: 205 BRICE CT.

**PLOT PLAN**

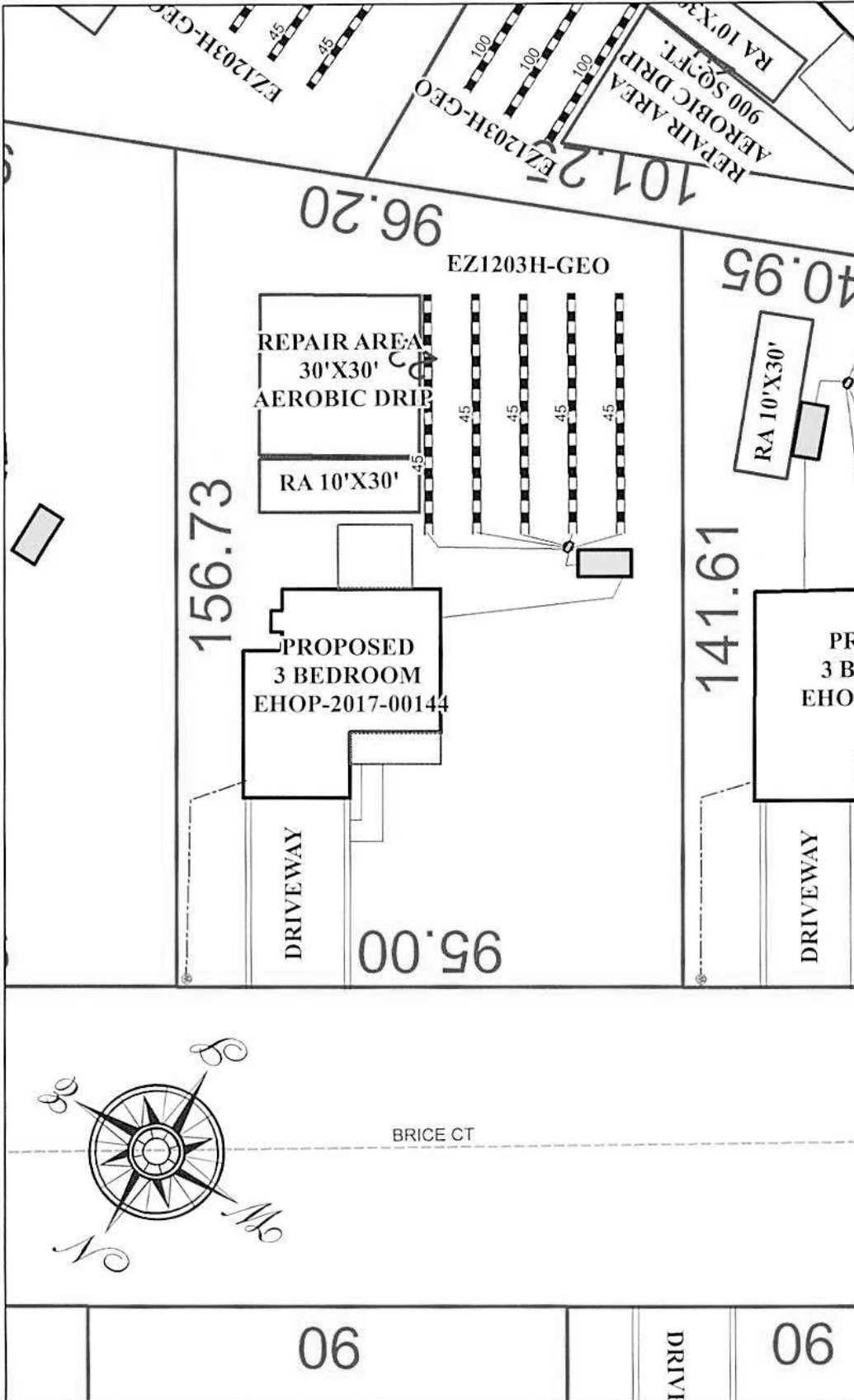
1 inch = 30 feet

"AS BUILT"  
 03/29/2017

Addendum to permit # EHOP-2017-00144  
 Page 1A of 2

**Additional Permit Conditions:**

1. Do not park or drive on any part of system or repair area.
2. Nitritation trench aggregate shall be covered with straw, untreated paper or other approved materials prior to final cover/backfilling.
3. Do not install system under wet conditions.
4. Adhere to minimum set back requirements as stated in Rule .1950 and .1951 of NC Laws and Rules for Sewage Treatment and Disposal System (Article 11, G.S. Chapter 130A) unless otherwise indicated on this permit.
5. Rock used in soil absorption systems shall be clean, washed gravel or crushed stone and graded or sized in accordance with size numbers 3, 4, 5, 57, or 6 of ASTM D-448 (standard sizes of coarse aggregate) which is hereby adopted by reference in accordance with G.S. 150 B-14 (c). Documentation of aggregate size shall be available upon request.
6. All pump tanks shall be tested for water tightness. Septic tanks may be subject to a water tightness test.
7. The septic tank is designed to receive sewage or wastewater under gravity flow. However, if a system subject to the N.C. Plumbing Code is used to pump raw sewage to the septic tank, the sewage shall be reduced to gravity/non-turbulent flow by approved means at the inlet of the septic tank.
8. An accepted wastewater system may also be installed in accordance with the accepted wastewater system approval. (Maximum LTAR of 1.0 gpd/ft<sup>2</sup>)
9. Run lines parallel to contour. System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to insure that proper grade is maintained.
10. A recorded plat or deed and corresponding map shall be submitted to the Environmental Health Section of the Onslow County Health Department PRIOR TO the issuance of the Construction Authorization.
11. An APPROVED stormwater plan shall be submitted to the Environmental Health Section of the Onslow County Health Department PRIOR TO issuance of a Construction Authorization.
12. FOR DWELLING UNIT WASTEWATER SYSTEMS ONLY – This wastewater system is designed only for the number of bedrooms shown as bedrooms or sleeping rooms on the building/floor plan approved by Onslow County Code Enforcement. No other room or space may be relabeled as a bedroom, used as a bedroom, or converted into a bedroom without prior approval from Onslow County Environmental Health.



**SYSTEM DESIGN**

# BEDROOMS/ GPD:	3 BEDROOM/<360 GPD
SYSTEM TYPE:	POLYSTYRENE
% REDUCTION:	25
LTAR:	0.4
SQ. FT.:	675
LINEAR FEET:	225
# OF LINES:	5
LENGTH EACH LINE:	45'
TRENCH BOTTOM:	18"-24"
TRENCH WIDTH:	3 FEET
FEET ON CENTER(LINES):	9 FEET
REPAIR AREA:	30'X30' ; 0.4 LTAR
	AEROBIC DRIP SYSTEM
	900 SQ. FT. ; 6" TB

**\*\*WARNING: THIS IS NOT A SURVEY!\*\***

*This map is prepared for the inventory of real property found within this jurisdiction, and is compiled from recorded deeds, plats, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map. The County and mapping company assume no legal responsibility for the information contained on this map.*



Onslow County Health Department  
 234 Northwest Corridor Blvd  
 Jacksonville, North Carolina 28540  
 Phone: (910) 938-5851 Fax: (910) 989-5819

# CONSTRUCTION AUTHORIZATION

(GS 130A-336)

Permit No: ECA2016-00222

Category: New

(Required for Building Permit)

THIS AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION SHALL BE VALID FOR A PERIOD EQUAL TO THE PERIOD OF VALIDITY OF THE IMPROVEMENT PERMIT. NOT TO EXCEED 5 YEARS.

Owner: BEAVER CREEK INVESTORS INC

Address: 205 BRICE CT HUBERT 28539

SR #:

Subdivision: PLEASANT RIDGE

Lot: 22

Section:

Phase:

Block:

Part:

System:

Unit:

Division:

Tract:

Location:

System Type/Description: III 25% Reduction Accepted System

System Classification: g. Other non-conventional trench system

Facility/Daily design flow: 3 BEDROOM/ <360 GPD

System Info: 5 - 45' x 3' 25% REDUCTION LINES FOR INITIAL WITH 30' x 30' AEROBIC DRIP AND TS-II PRE-TREATMENT FOR REPAIR.

LTAR: .4 gpd/sq. ft.

Water Supply: Public

Septic Tank Size: >900 gallons

Grease Trap Size gallons

Pump Tank Size: gallons

Nitrification Area: 675 sq. ft.

Nitrification Area: 225 lin. ft.

No of Lines: 5

Line Length: 45'

Line Width: 3'

Trench Bottom Depth: 18" - 24"

(SEE ATTACHED PAGES 1 - 2 of 2 FOR ADDITIONAL PERMIT CONDITIONS)

Signed By: Andrew Lake

*Andrew M. Lake, RCHS*

Date:

05/02/2016

*This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. This 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. The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958 and .1959 are incorporated by reference into this permit and shall be met.*

THE ISSUANCE OF THIS C.A. DOES NOT CONSTITUTE AN ONSLOW COUNTY WARRANTY OR GUARANTEE OF THE FUNCTIONALITY OF THE WASTEWATER SYSTEM



Onslow County Health Department  
 234 Northwest Corridor Blvd  
 Jacksonville, North Carolina 28540  
 Phone: (910) 938-5851 Fax: (910) 989-5819

**IMPROVEMENT PERMIT**  
 (GS 130A-336)

Permit No: **EIP2015-00137**  
 Category: Individual Dwelling

A building permit cannot be issued with only an Improvement Permit.

**Expiration:** Valid for 5 years from date of issuance

**Owner:** BEAVER CREEK INVESTORS INC

**Address:** RIGGS RD HUBERT 28539

**SR #:**

**Subdivision:** PLEASANT RIDGE

**Lot:** 22

**Section:**

**Phase:**

**Block:**

**Part:**

**System:**

**Unit:**

**Division:**

**Tract:**

**Location:**

**System Type/Description:** III 25% Reduction Accepted System

**System Classification:** g. Other non-conventional trench system

**System Info:** 5 - 45' x 3' 25% REDUCTION LINES FOR INITIAL WITH 30' x 30' AEROBIC DRIP AND TS-II PRE-TREATMENT FOR REPAIR.

**Facility/Daily design flow:** 3 BEDROOM/ <360 GPD

**LTAR:** .4 gpd/sq. ft.

**Water Supply:** Public

(SEE ATTACHED PAGES 1 - 2 of 2 FOR ADDITIONAL PERMIT CONDITIONS)

Signed By: Andrew Lake

*Andrew M. Lake, REHS*

Date:

05/25/2015

*The issuance of this permit by the Onslow County 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 permit is subject to revocation if the site plan, plat, or the intended use changes. This 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.*

OWNER: PLEASANT RIDGE  
 ADDRESS: LOT # 22  
 LOCATION: OFF RIGGS ROAD

Addendum to Permit # E172015-00137  
 Page 1 of 2

**ADDITIONAL PERMIT CONDITIONS:**

1. Do not park or drive on any part of the septic system or repair area.
2. Nitrification trench aggregate shall be covered with straw, untreated paper or other approved materials prior to final cover / backfilling.
3. Do not install system under wet conditions.
4. Rock used in soil absorption systems shall be clean, washed gravel or crushed stone and graded or size in accordance with size numbers 3, 4, 5, 57, or 6 of ASTM D-448 (standard sizes of coarse aggregate) which is hereby adopted by reference in accordance with G.S. 150 B-14 (c). Documentation of aggregate size shall be available upon request.
5. Adhere to minimum setback requirements as stated in Rule .1950 and .1951 of NC Laws and Rules for Sewage Treatment, and Disposal Systems (Article 11, G.S. Chapter 130A), unless otherwise indicated in this permit.
6. All pump tanks shall be tested for water tightness. In addition, septic tanks may be subject to a water tightness test.
7. The septic tank is designed to receive sewage or wastewater under gravity flow. However, if a system subject to the N.C. Plumbing Code is used to pump raw sewage to the septic tank, the sewage shall be reduced to gravity/non-turbulent flow by approved means at the inlet of the septic tank.
8. An accepted wastewater system may also be installed in accordance with the Accepted Wastewater System Approval (AWWS-05-01 or AWWS-05-02). Maximum LTAR of 1.0 gpd / ft2.
9. Run lines parallel to contour. System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to insure that proper grade is maintained.
10. A recorded plat or deed and corresponding map shall be submitted to the Environmental Health Section of the Onslow County Health Department **PRIOR TO** the issuance of the Construction Authorization.
11. An **APPROVED** stormwater plan shall be submitted to the Environmental Health Section of the Onslow County Health Department **PRIOR** to issuance of a Construction Authorization.
12. **FOR DWELLING UNIT WASTEWATER SYSTEMS ONLY** – This wastewater system is designed only for the number of bedrooms shown as bedrooms or sleeping rooms on the building/floor plan approved by Onslow County Code Enforcement. No other room or space may be relabeled as a bedroom, used as a bedroom, or converted into a bedroom without prior approval from Onslow County Environmental Health.

**PLOT PLAN**

SCALE: 1 inch = 50 feet

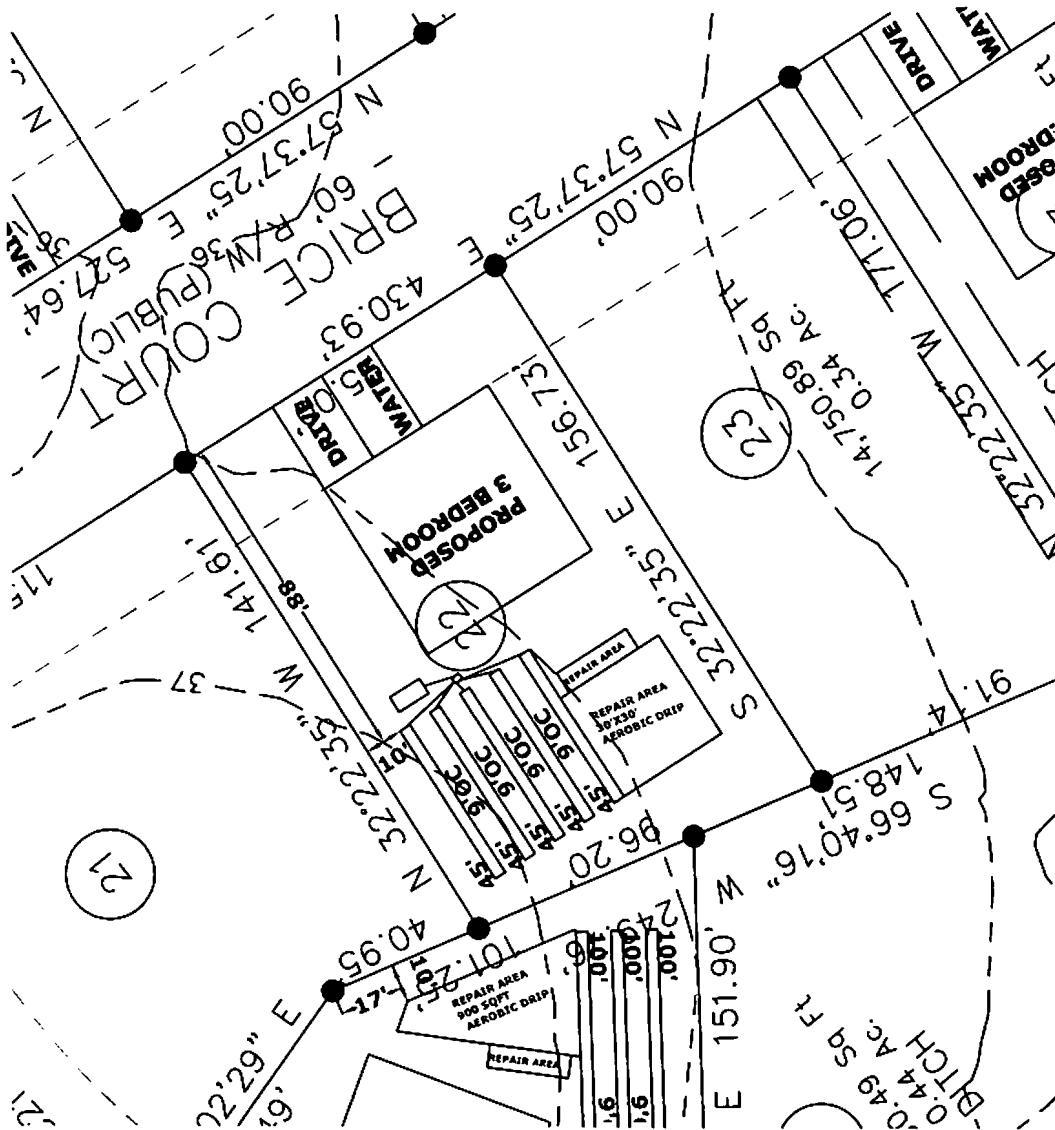
SEE ATTACHED PROPOSED  
 PLOT PLAN ON PAGE  
2 OF 2

**SYSTEM DESIGN**

# BEDROOMS/ GPD: 3 BEDROOM / ≤ 360 GPD  
 SYSTEM TYPE: GRAVELLESS - III G  
 % REDUCTION: 25% REDUCTION  
 LTAR: 0.4  
 SQ. FT. 675 LINEAR FEET 225  
 # OF LINES: 5  
 LENGTH EACH LINE: 45'  
 TRENCH BOTTOM: 18" - 24"  
 TRENCH WIDTH: 3 FEET W/ LINES  
9 FEET ON CENTER  
 REPAIR AREA: 30' x 30' AEROBIC DRIP  
TS-II PRE-TREATMENT  
LTAR 0.4

**PITTMAN SOIL CONSULTING**

**Owner:** PLEASANT RIDGE  
**Address:** LOT 22  
**Location:** OFF RIGGS ROAD



**INITIAL**  
 3 BEDROOM  
 LTAR .4  
 5-45' 25% REDUCTION LINES  
 18-24"TB  
 >6" SOIL COVER REQUIRED OVER  
 SYSTEM AND 5' BEYOND SYSTEM

**REPAIR AREA**  
 3 BEDROOMS  
 LTAR .4  
 30'X30' AEROBIC DRIP  
 TS-II PRETREATMENT  
 6" TB  
 >6" SOIL COVER REQUIRED OVER  
 SYSTEM AND 5' BEYOND SYSTEM

SEPTIC TANK INSPECTION CHECKLIST (Type II-V)

Name: Pleasant Ridge  
 Address: Lot 220  
 Date of CA Application: 4-21-16  
 Date of Construction Authorization: 5-2-16  
 System Type: Poly

Permit #'s: EHOP-2017-00144  
 Location: 205 Bruce Ct.  
 Initial System Off-Site: Yes  No   
 Repair Area Off-Site: Yes  No

SEPTIC TANK		INITIAL DATE	NITRIFICATION LINES/LATERALS	INITIAL DATE
Manufacture Date	1-9-17	EM	Trench/Lateral Type/Aggregate	EM
State ID Number	SH011	3-28-17	Trench Width:	3' poly
Capacity	EPS1020		Trench Length:	45'
Seal/Approved Filter			% Reduction Taken:	25%
Profile			Trench Bottom/Lateral Depth	18"-24"
Sealant			Number of Lines/Laterals	5
Blank Penetration Seal			Trench Grade	OK
Series if Applicable	NA		Rock Depth & Quality (3, 4, 5, 57, 6)	NA
Water Tightness Test			Aggregate Cover	
			Warranty(if applicable)	
			Dams/Stepdowns/Drop box, etc.	
PUMP TANK		NA	Pressure Lateral:	
Manufacture Date			Hole Spacing/Hole Sizing:	
State ID Number			Turn-ups/Protectors	
Capacity			Observation Ports	
Waterproof/Sealant			DISTRIBUTION SYSTEM	
Series			Distribution Method:	EM
Water tightness Test			Serial Dist.	3-29-17
			Pressure Manifold	NA
			Tap Size & Material	
PUMP		NA	Pipe (Size, Material & Grade)	
Check Valve/Gate valve			Valves (Bull Run, Flow Divider, etc...)	
Anti-siphon Hole (Size )			Valves	
Pressure Head			SUPPLY LINE	
Watts/Pressure Bell/Transducer			Location	
Stepdown (inches)			Pipe (Material)	
Electrical Components			Depth (if specified)	
MA 4x Box			Pipe Size	
Flow (gpm)			Hydrostatic Leak Test:	
Manufacturer:			LANDSCAPING	
Model Number:			Surface Drain	
Removal Method			Subsurface Drain	
Permanent Power			Depth of Cover: Tank:	Drainfield: 26" EM
			Will Shed Surface Water (Turtleback)	3-29-17
			Finish Grade/Stabilize (if applicable)	
GREASE TRAP		NA	Permanent Markers (tank)	
Manufacture Date			OTHER	
State ID Number			System Setbacks	EM
Capacity			Legal Documents	3-28-17
Seal/Approved Filter (Extends 50% of total depth)			Mound Approved (Texture, Interface, Location, Length, Depth, Width)	NA
Access Opening			ORC Contract/Company	
Water Tightness Test			Tri-Party Draft	
			Tri-Party Finalized/Recorded	
			Grinder Pump Needed?	
			Wye Connect/Grinder Approval	





Onslow County Health Department  
 234 Northwest Corridor Blvd  
 Jacksonville, North Carolina 28540  
 Phone: (910) 938-5851 Fax: (910) 989-5819

# CONSTRUCTION AUTHORIZATION

(GS 130A-336)

Permit No: ECA2016-00222

Category: **New**

(Required for Building Permit)

THIS AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION SHALL BE VALID FOR A PERIOD EQUAL TO THE PERIOD OF VALIDITY OF THE IMPROVEMENT PERMIT. NOT TO EXCEED 5 YEARS.

Owner: BEAVER CREEK INVESTORS INC

Address: 205 BRICE CT HUBERT 28539

SR #:

Subdivision: PLEASANT RIDGE

Lot: 22

Section:

Phase:

Block:

Part:

System:

Unit:

Division:

Tract:

Location:

System Type/Description: III 25% Reduction Accepted System

System Classification: g. Other non-conventional trench system

Facility/Daily design flow: 3 BEDROOM/ <360 GPD

System Info: 5 - 45' x 3' 25% REDUCTION LINES FOR INITIAL WITH 30' x 30' AEROBIC DRIP AND TS-II PRE-TREATMENT FOR REPAIR.

LTAR: .4 gpd/sq. ft.

Water Supply: Public

Septic Tank Size: >900 gallons

Grease Trap Size gallons

Pump Tank Size: gallons

Nitrification Area: 675 sq. ft.

Nitrification Area: 225 lin. ft.

No of Lines: 5

Line Length: 45'

Line Width: 3'

Trench Bottom Depth: 18" - 24"

(SEE ATTACHED PAGES 1 - 2 of 2 FOR ADDITIONAL PERMIT CONDITIONS)

Signed By: Andrew Lake

*Andrew M. Lake, PEHS* Date:

05/02/2016

*This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. This 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. The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958 and .1959 are incorporated by reference into this permit and shall be met.*

**THE ISSUANCE OF THIS C.A. DOES NOT CONSTITUTE AN ONSLOW COUNTY WARRANTY OR GUARANTEE OF THE FUNCTIONALITY OF THE WASTEWATER SYSTEM**



Onslow County Health Department  
 234 Northwest Corridor Blvd  
 Jacksonville, North Carolina 28540  
 Phone: (910) 938-5851 Fax: (910) 989-5819

**IMPROVEMENT PERMIT**  
 (GS 130A-336)

Permit No: **EIP2015-00137**  
 Category: **Individual Dwelling**

A building permit cannot be issued with only an Improvement Permit.

**Expiration:** Valid for 5 years from date of issuance

**Owner:** BEAVER CREEK INVESTORS INC

**Address:** RIGGS RD HUBERT 28539

**SR #:**

**Subdivision:** PLEASANT RIDGE

**Lot:** 22

**Section:**

**Phase:**

**Block:**

**Part:**

**System:**

**Unit:**

**Division:**

**Tract:**

**Location:**

**System Type/Description:** III 25% Reduction Accepted System

**System Classification:** g. Other non-conventional trench system

**System Info:** 5 - 45' x 3' 25% REDUCTION LINES FOR INITIAL WITH 30' x 30' AEROBIC DRIP AND TS-II PRE-TREATMENT FOR REPAIR.

**Facility/Daily design flow:** 3 BEDROOM/ <360 GPD

**LTAR:** .4 gpd/sq. ft.

**Water Supply:** Public

(SEE ATTACHED PAGES 1 - 2 of 2 FOR ADDITIONAL PERMIT CONDITIONS)

Signed By: Andrew Lake

Date:

05/25/2015

*The issuance of this permit by the Onslow County 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 permit is subject to revocation if the site plan, plat, or the intended use changes. This 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.*

OWNER: PLEASANT RIDGE  
 ADDRESS: LOT # 22  
 LOCATION: OFF RIGGS ROAD

**ADDITIONAL PERMIT CONDITIONS:**

1. Do not park or drive on any part of the septic system or repair area.
2. Nitrification trench aggregate shall be covered with straw, untreated paper or other approved materials prior to final cover / backfilling.
3. Do not install system under wet conditions.
4. Rock used in soil absorption systems shall be clean, washed gravel or crushed stone and graded or size in accordance with size numbers 3, 4, 5, 57, or 6 of ASTM D-448 (standard sizes of coarse aggregate) which is hereby adopted by reference in accordance with G.S. 150 B-14 (c). Documentation of aggregate size shall be available upon request.
5. Adhere to minimum setback requirements as stated in Rule .1950 and .1951 of NC Laws and Rules for Sewage Treatment and Disposal Systems (Article 11, G.S. Chapter 130A), unless otherwise indicated in this permit.
6. All pump tanks shall be tested for water tightness. In addition, septic tanks may be subject to a water tightness test.
7. The septic tank is designed to receive sewage or wastewater under gravity flow. However, if a system subject to the N.C. Plumbing Code is used to pump raw sewage to the septic tank, the sewage shall be reduced to gravity/non-turbulent flow by approved means at the inlet of the septic tank.
8. An accepted wastewater system may also be installed in accordance with the Accepted Wastewater System Approval (AWWS-05-01 or AWWS-05-02). Maximum LTAR of 1.0 gpd / ft<sup>2</sup>.
9. Run lines parallel to contour. System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to insure that proper grade is maintained.
10. A recorded plat or deed and corresponding map shall be submitted to the Environmental Health Section of the Onslow County Health Department **PRIOR TO** the issuance of the Construction Authorization.
11. An **APPROVED** stormwater plan shall be submitted to the Environmental Health Section of the Onslow County Health Department **PRIOR** to issuance of a Construction Authorization.
12. **FOR DWELLING UNIT WASTEWATER SYSTEMS ONLY** – This wastewater system is designed only for the number of bedrooms shown as bedrooms or sleeping rooms on the building/floor plan approved by Onslow County Code Enforcement. No other room or space may be relabeled as a bedroom, used as a bedroom, or converted into a bedroom without prior approval from Onslow County Environmental Health.

**PLOT PLAN**

SCALE: 1 inch = 50 feet

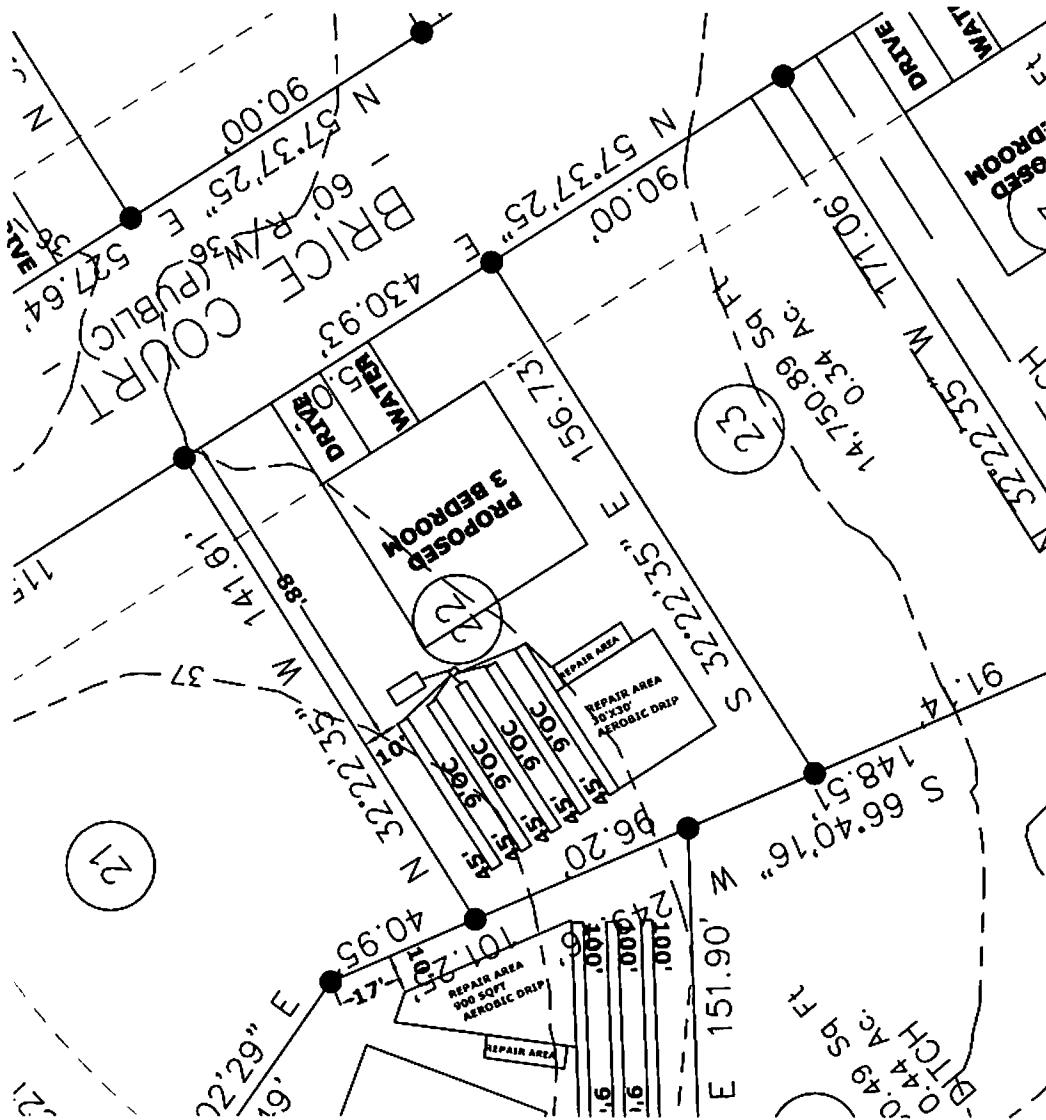
SEE ATTACHED PROPOSED  
 PLOT PLAN ON PAGE  
2 OF 2

**SYSTEM DESIGN**

# BEDROOMS/ GPD: 3 BEDROOM / ≤ 360 GPD  
 SYSTEM TYPE: GRAVELLESS - ILS  
 % REDUCTION: 25% REDUCTION  
 LTAR: 0.4  
 SQ. FT. 675 LINEAR FEET 225  
 # OF LINES: 5  
 LENGTH EACH LINE: 45'  
 TRENCH BOTTOM: 18" - 24"  
 TRENCH WIDTH: 3 FEET W/ LINES  
9 FEET ON CENTER  
 REPAIR AREA: 30' x 30' AEROBIC DRIP  
TS-II PRE-TREATMENT  
LTAR 0.4

# PITTMAN SOIL CONSULTING

Owner: PLEASANT RIDGE  
 Address: LOT 22  
 Location: OFF RIGGS ROAD



**INITIAL**  
 3 BEDROOM  
 LTAR .4  
 5-45' 25% REDUCTION LINES  
 18-24" TB  
 >6" SOIL COVER REQUIRED OVER  
 SYSTEM AND 5' BEYOND SYSTEM

**REPAIR AREA**  
 3 BEDROOMS  
 LTAR .4  
 30'X30' AEROBIC DRIP  
 TS-II PRETREATMENT  
 6" TB  
 >6" SOIL COVER REQUIRED OVER  
 SYSTEM AND 5' BEYOND SYSTEM

APPROX SCALE 1"=50'



Onslow County Health Department  
 234 Northwest Corridor Blvd  
 Jacksonville, North Carolina 28540  
 Phone: (910) 938-5851 Fax: (910) 989-5819

# CONSTRUCTION AUTHORIZATION

(GS 130A-336)

Permit No: ECA2016-00222

Category: **New**

(Required for Building Permit)

THIS AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION SHALL BE VALID FOR A PERIOD EQUAL TO THE PERIOD OF VALIDITY OF THE IMPROVEMENT PERMIT. NOT TO EXCEED 5 YEARS.

Owner: BEAVER CREEK INVESTORS INC

Address: 205 BRICE CT HUBERT 28539

SR #:

Subdivision: PLEASANT RIDGE

Lot: 22

Section:

Phase:

Block:

Part:

System:

Unit:

Division:

Tract:

Location:

System Type/Description: III 25% Reduction Accepted System

System Classification: g. Other non-conventional trench system

Facility/Daily design flow: 3 BEDROOM/ <360 GPD

System Info: 5 - 45' x 3' 25% REDUCTION LINES FOR INITIAL WITH 30' x 30' AEROBIC DRIP AND TS-II PRE-TREATMENT FOR REPAIR.

LTAR: .4 gpd/sq. ft.

Water Supply: Public

Septic Tank Size: >900 gallons

Grease Trap Size gallons

Pump Tank Size: gallons

Nitrification Area: 675 sq. ft.

Nitrification Area: 225 lin. ft.

No of Lines: 5

Line Length: 45'

Line Width: 3'

Trench Bottom Depth: 18" - 24"

(SEE ATTACHED PAGES 1 - 2 of 2 FOR ADDITIONAL PERMIT CONDITIONS)

Signed By: Andrew Lake

*Andrew M. Lake, PEHS* Date:

05/02/2016

*This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. This 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. The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958 and .1959 are incorporated by reference into this permit and shall be met.*

**THE ISSUANCE OF THIS C.A. DOES NOT CONSTITUTE AN ONSLOW COUNTY WARRANTY OR GUARANTEE OF THE FUNCTIONALITY OF THE WASTEWATER SYSTEM**



Onslow County Health Department  
 234 Northwest Corridor Blvd  
 Jacksonville, North Carolina 28540  
 Phone: (910) 938-5851 Fax: (910) 989-5819

**IMPROVEMENT PERMIT**  
 (GS 130A-336)

Permit No: **EIP2015-00137**  
 Category: **Individual Dwelling**

A building permit cannot be issued with only an Improvement Permit.

**Expiration:** Valid for 5 years from date of issuance

**Owner:** BEAVER CREEK INVESTORS INC

**Address:** RIGGS RD HUBERT 28539

**SR #:**

**Subdivision:** PLEASANT RIDGE

**Lot:** 22

**Section:**

**Phase:**

**Block:**

**Part:**

**System:**

**Unit:**

**Division:**

**Tract:**

**Location:**

**System Type/Description:** III 25% Reduction Accepted System

**System Classification:** g. Other non-conventional trench system

**System Info:** 5 - 45' x 3' 25% REDUCTION LINES FOR INITIAL WITH 30' x 30' AEROBIC DRIP AND TS-II PRE-TREATMENT FOR REPAIR.

**Facility/Daily design flow:** 3 BEDROOM/ <360 GPD

**LTAR:** .4 gpd/sq. ft.

**Water Supply:** Public

(SEE ATTACHED PAGES 1 - 2 of 2 FOR ADDITIONAL PERMIT CONDITIONS)

Signed By: Andrew Lake

*Andrew M. Lake, RPHS*

Date:

05/25/2015

The issuance of this permit by the Onslow County 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 permit is subject to revocation if the site plan, plat, or the intended use changes. This 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.

OWNER: PLEASANT RIDGE  
ADDRESS: LOT # 22  
LOCATION: OFF RIGGS ROAD

**ADDITIONAL PERMIT CONDITIONS:**

**PLOT PLAN**

SCALE: 1 inch = 50 feet

SEE ATTACHED PROPOSED  
PLOT PLAN ON PAGE  
2 OF 2

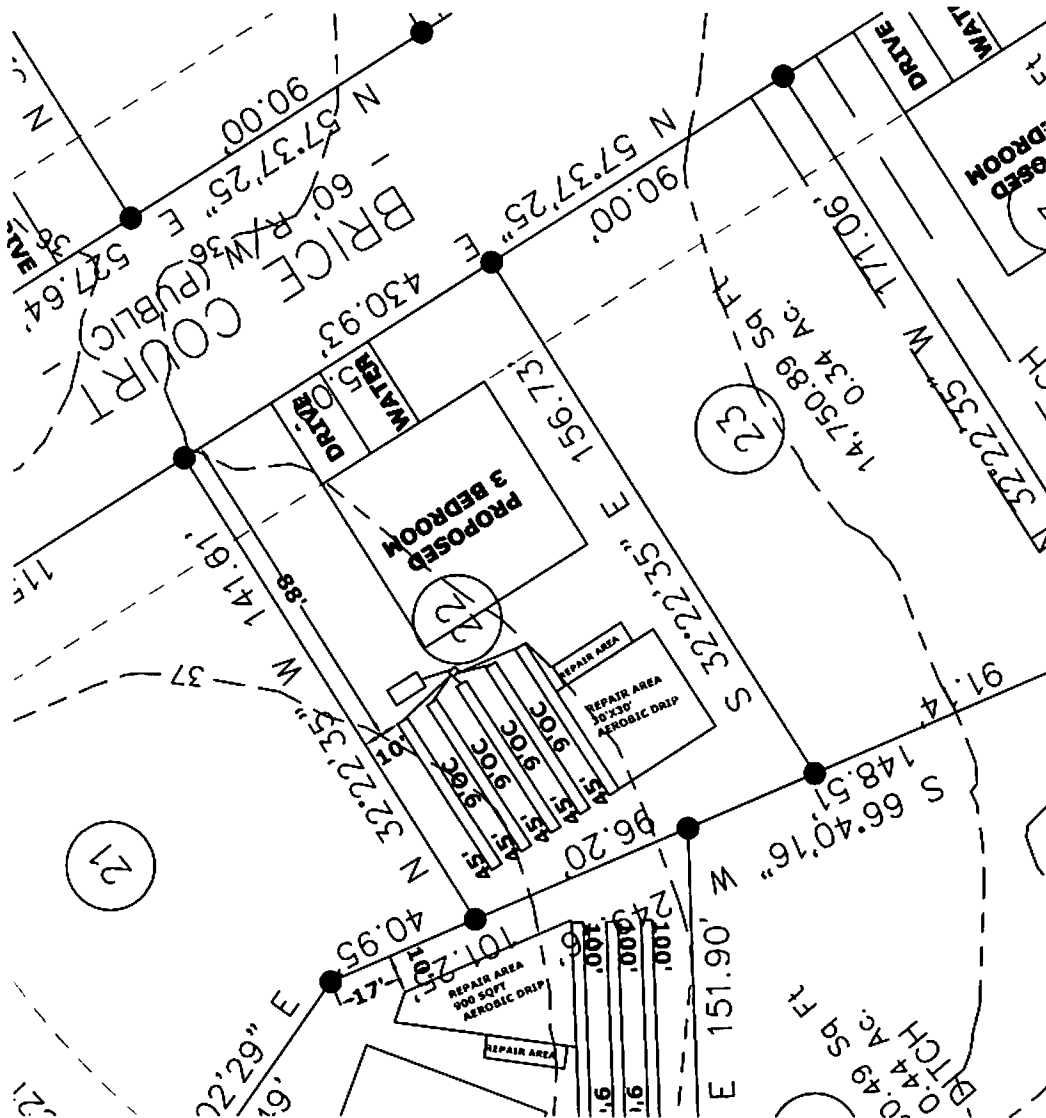
1. Do not park or drive on any part of the septic system or repair area.
2. Nitrification trench aggregate shall be covered with straw, untreated paper or other approved materials prior to final cover / backfilling.
3. Do not install system under wet conditions.
4. Rock used in soil absorption systems shall be clean, washed gravel or crushed stone and graded or size in accordance with size numbers 3, 4, 5, 57, or 6 of ASTM D-448 (standard sizes of coarse aggregate) which is hereby adopted by reference in accordance with G.S. 150 B-14 (c). Documentation of aggregate size shall be available upon request.
5. Adhere to minimum setback requirements as stated in Rule .1950 and .1951 of NC Laws and Rules for Sewage Treatment and Disposal Systems (Article 11, G.S. Chapter 130A), unless otherwise indicated in this permit.
6. All pump tanks shall be tested for water tightness. In addition, septic tanks may be subject to a water tightness test.
7. The septic tank is designed to receive sewage or wastewater under gravity flow. However, if a system subject to the N.C. Plumbing Code is used to pump raw sewage to the septic tank, the sewage shall be reduced to gravity/non-turbulent flow by approved means at the inlet of the septic tank.
8. An accepted wastewater system may also be installed in accordance with the Accepted Wastewater System Approval (AWWS-05-01 or AWWS-05-02). Maximum LTAR of 1.0 gpd / ft<sup>2</sup>.
9. Run lines parallel to contour. System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to insure that proper grade is maintained.
10. A recorded plat or deed and corresponding map shall be submitted to the Environmental Health Section of the Onslow County Health Department **PRIOR TO** the issuance of the Construction Authorization.
11. An **APPROVED** stormwater plan shall be submitted to the Environmental Health Section of the Onslow County Health Department **PRIOR** to issuance of a Construction Authorization.
12. **FOR DWELLING UNIT WASTEWATER SYSTEMS ONLY** – This wastewater system is designed only for the number of bedrooms shown as bedrooms or sleeping rooms on the building/floor plan approved by Onslow County Code Enforcement. No other room or space may be relabeled as a bedroom, used as a bedroom, or converted into a bedroom without prior approval from Onslow County Environmental Health.

**SYSTEM DESIGN**

# BEDROOMS/ GPD: 3 BEDROOM / ≤ 360 GPD  
SYSTEM TYPE: GRAVELLESS - ILS  
% REDUCTION: 25% REDUCTION  
LTAR: 0.4  
SQ. FT. 675 LINEAR FEET 225  
# OF LINES: 5  
LENGTH EACH LINE: 45'  
TRENCH BOTTOM: 18" - 24"  
TRENCH WIDTH: 3 FEET W/ LINES  
9 FEET ON CENTER  
REPAIR AREA: 30'x30' AEROBIC DRIP  
TS-II PRE-TREATMENT  
LTAR 0.4

# PITTMAN SOIL CONSULTING

Owner: PLEASANT RIDGE  
 Address: LOT 22  
 Location: OFF RIGGS ROAD



**INITIAL**  
 3 BEDROOM  
 LTAR .4  
 5-45' 25% REDUCTION LINES  
 18-24" TB  
 >6" SOIL COVER REQUIRED OVER  
 SYSTEM AND 5' BEYOND SYSTEM

**REPAIR AREA**  
 3 BEDROOMS  
 LTAR .4  
 30'X30' AEROBIC DRIP  
 TS-II PRETREATMENT  
 6" TB  
 >6" SOIL COVER REQUIRED OVER  
 SYSTEM AND 5' BEYOND SYSTEM

APPROX SCALE 1"=50'



# ENVIRONMENTAL SERVICES

Water Pollution Control Systems Operator  
PO Box 1054  
Jacksonville, NC 28541

## CONTACT/SITE INFORMATION

DATE OF INSPECTION: 12/18/21 AGENT: ARLIN PATINO JIMENEZ

BILLING ADDRESS:

CLIENT:

SITE ADDRESS: 205 Brice Court AGENT PHONE NO:

CLIENT PHONE NO:

## PRELIMINARY INFORMATION

AGE OF DWELLING: 4 YEAR(S).

AGE OF SEWAGE DISPOSAL SYSTEM CURRENTLY IN USE: 4 YEAR(S)

IS DWELLING CURRENTLY BEING OCCUPIED? NO

*It is very difficult to simulate normal use condition if the dwelling has been unoccupied for more than one month. However, the ability of the soil to absorb water may improve if the system is absorbing for six months or more.*

HAS THE WASHING MACHINE WATER BEEN DISCONNECTED FROM THE SEWAGE DISPOSAL SYSTEM: NO

## TREATMENT TANK/CAPACITY

SEPTIC TANK: 1000 GALLONS AEROBIC TANK: NONE GREASE TRAP: NONE

## CONDITION OF TREATMENT TANK

TOP COVER: CONCRETE THICKNESS OF SCUM: 1 INCHES UNSATISFACTORY  
INLET BAFFLE: SATISFACTORY DEPTH OF SLUDGE: 12 INCHES UNSATISFACTORY  
OUTLET BAFFLE: SATISFACTORY DISTRIBUTION BOX: SATISFACTORY  
LIQUID LEVEL: SATISFACTORY

## CONDITION OF ABSORPTION SYSTEM

SEEPAGE ON LAWN: NO

LUSH VEGETATION: NO

ANY INDICATION OF PREVIOUS FAILURE: NO

IS A PUMP NECESSARY TO TRANSPORT EFFLUENT FROM THE TREATMENT TANK TO THE ABSORPTION SYSTEM? YES

IF YES, IS PUMP OPERATING SATISFACTORILY: YES

AUDIBLE/VISUAL ALARM OPERATING SATISFACTORILY: YES

BASED ON THE INFORMATION CONTAINED HEREIN; OUR COMPANY IS ABLE TO CERTIFY THAT THIS SEWAGE DISPOSAL SYSTEM IS PRESENTLY IN SATISFACTORY WORKING CONDITION AND OUR COMPANY INSPECTION OF THE SEPTIC SYSTEM OR THIS COMPANY.

**FINDINGS:** System located in back of home - System was flagged during inspection – See attached septic permit for location/diagram of system - System has a septic pump/pump tank

**RECOMMENDATIONS SEPTIC:** 1) Pump out septic tank 2) Clean filter

BASED ON WHAT WE WERE ABLE TO OBSERVE AND OUR CONSIDERABLE EXPERIENCES IN ON-SITE WASTEWATER TECHNOLOGY, WE SUBMIT THIS LETTER AS A REPORT ONLY OF THE PRESENT CONDITION OF THE ON-SITE SEWAGE DISPOSAL SYSTEM. OUR COMPANY HAS NOT BEEN RETAINED TO WARRANT OR GUARANTEE THE PROPER FUNCTIONING OF THE SYSTEM FOR ANY TIME PERIOD IN THE FUTURE. BECAUSE OF THE NUMEROUS FACTORS WHICH MAY AFFECT THE PROPER OPERATION OF A SEPTIC SYSTEM, AS WELL AS THE INABILITY OF OUR COMPANY TO SUPERVISE OR MONITOR THE USE OR MAINTENANCE OF THE SYSTEM, THIS REPORT SHALL NOT BE CONSTRUED AS A WARRANTY BY OUR COMPANY THAT THE SYSTEM WILL FUNCTION PROPERLY FOR ANY PARTICULAR PROSPECTIVE BUYER, AND OUR COMPANY INSPECTION OF THE SEPTIC SYSTEM OR THIS COMPANY. ADDITIONALLY, THE INSPECTOR CANNOT CERTIFY THE NUMBER OF BEDROOMS IN THE DWELLING AND THE PROSPECTIVE BUYER SHOULD CONTACT THE LOCAL COUNTY TAX OFFICE TO RECEIVE ACCURATE INFORMATION PERTAINING TO THE DWELLING'S OPERATIONAL PERMIT BY THE LOCAL HEALTH DEPARTMENT.

THANK YOU FOR ALLOWING US THE OPPORTUNITY TO BE OF SERVICE; IF YOU HAVE ANY ADDITIONAL QUESTIONS, PLEASE DO NOT HESITATE TO CALL US AT (910)455-7094.

*Sonny Scozzari* 12/18/21

SONNY SCOZZARI NC LICENSE #2005





**ENVIRONMENTAL SERVICES**  
Water Pollution Control Systems Operator  
PO Box 1054  
Jacksonville, NC 28541



## 205 Brice Court - Septic Inspection

---

From: Connie Scozzari (conniescozzari@criproperties.com)

To: arlinhomes@yahoo.com

Date: Sunday, December 19, 2021, 05:03 PM EST

---


**Subject:** 205 Brice Court








Sent from my iPhone

 205 Brice Court - Septic Inspection Report.pdf  
721.5kB

 205 Brice Court - Invoice.pdf  
51kB

 205 Brice Court - Septic Permit.pdf  
1.5MB