

313



### OPERATION PERMIT

Carteret County Health Department  
 Environmental Health Division  
 3820 Bridges St. Suite A  
 Morehead City, NC 28557  
 Phone: 252-728-8499 Fax: 252-222-7753

For Office Use Only	
*GDP File Number:	312069-2
County ID Number:	632413041347000
Evaluated For:	REPAIR

**Applicant:** Bogue Sound Septic & Grading  
**Address:** 178 West Hilltop Dr  
**City:** Newport  
**State/Zip:** NC/ 28570  
**Phone #:** (252) 393-6426 (252) 725-7200

**Property Owner:** Bryan & Erin Patton  
**Address:** 6576 Mahogany Dr  
**City:** Galena  
**State/Zip:** OH/ 43021  
**Phone #:** (614) 360-9035

#### Property Location & Site Information

**Address/Road #:** 1509 OCEAN DR EMERALD ISLE, NC 28594  
**Subdivision:** \_\_\_\_\_  
**Phase:** NEW  
**Lot:** \_\_\_\_\_

**Structure:** SINGLE FAMILY  
**# of Bedrooms:** 3  
**# of People:** 6  
**\*Water Supply:** COMMUNITY

Directions

**\*IP Issued by:** 0 -  
**\*CA Issued by:** 1830 - Guthrie, Amy  
**Design Flow:** 360  
**Soil Application Rate:** 1.200

**\*System Classification/Description:**  
 TYPE II A. CONV SYSTEM (SINGLE-FAMILY OR 480 GPD OR LESS)  
**\*Distribution Type:** GRAVITY - PARALLEL (eq. d-box)  
**\*Pre-Treatment:** N/A

#### Drain field

**Nitrification Field:** 360 Sq. ft.  
**No. Drain Lines:** 6 *18' x 20' gravel bed*  
**Total Trench Length:** 18 ft.  
**Trench Spacing:** 3 - \_\_\_\_\_  
**Trench Width:** 20 - \_\_\_\_\_  
**Aggregate Depth:** 12 inches  
**Minimum Trench Depth:** \_\_\_\_\_ inches  
**Minimum Soil Cover:** \_\_\_\_\_ inches  
**Maximum Trench Depth:** 30 inches  
**Maximum Soil Cover:** \_\_\_\_\_ inches

**\*System Type:** GRAVEL/BED  
**Installer:** Ricky Taylor  
**Certification #:** 1298  
**\*EHS:** 1830 - Guthrie, Amy  
**Date:** 12/07/2020

Inches O.C.  
 Inches O.C.  
 Feet O.C.  
Inches  
 Inches  
 Feet

Approval Status  
 Approved     Disapproved

\*CDP File Number 312069 - 2

County File Number: 632413041347000

**Septic Tank**

Manufacturer: Existing Lat:  
 STB: Long:  
 Gallons: Installer:  
 Date: Certification #:  
 \*Filter Brand: N/A \*EHS:  
 ST Marker:  Yes  No Date:  
 Reinforced Tank:  Yes  No  
 1 Piece Tank:  Yes  No

Approval Status  
 Approved  Disapproved

**Pump Tank**

Manufacturer: Installer:  
 PT: Certification #:  
 Gallons: \*EHS: 9999 - - Conversion, 016  
 Date: Date:  
 Riser Sealed:  Yes  No  
 Riser Height:  Yes  No (Min. 6 in.)  
 Reinforced Tank:  Yes  No  
 1 Piece Tank:  Yes  No

Approval Status  
 Approved  Disapproved

**Supply Line**

Pipe Size: inch diameter Installer:  
 Pipe Length: feet Certification #:  
 \*Schedule: \*EHS:  
 Date:  
 Pressure Rated  Yes  No  
 Approved fittings  Yes  No

Approval Status  
 Approved  Disapproved

**Pump Requirement**

Pump Type: Installer:  
 Dosing Volume: Gal Certification #:  
 Draw Down: Inches \*EHS:  
 \*Chain: N/A Date:  
 Valves Accessible:  Yes  No  N/A  
 Flow Adjustment Valve:  Yes  No  N/A  
 Check-valve:  Yes  No  N/A  
 PVC Unions:  Yes  No  N/A  
 Vent Hole:  Yes  No  N/A  
 Anti-siphon Hole:  Yes  No  N/A

Approval Status  
 Approved  Disapproved

\*CDP File Number 312069 - 2

County File Number: 632413041347000

**Electric Equipment**

- NEMA 4X Box or Equivalent  Yes  No  N/A
- Box 12 inches Above Grade  Yes  No  N/A
- Box Adj. To Pump Tank  Yes  No  N/A
- Conduit Sealed  Yes  No  N/A
- Pump Manually Operable  Yes  No  N/A

\*Activation Method:

- Alarm Audible  Yes  No  N/A
- Alarm Visible  Yes  No  N/A

Installer:

Certification #:

\*EHS:

Date:

Approval Status:

Approved  Disapproved

\*CDP File Number 312069 - 2

County File Number: 632413041347000

\*Operation Permit completed by: 1830 - Guthrie, Amy

Date of Issue: 12/14/2020

Authorized State Agent:

*Amy Guthrie* PEEP

Owner/Applicant: \_\_\_\_\_

This system has been installed in compliance with applicable NC General Statutes: Article 11, Chapter 130A, Rules for Sewage Treatment and Disposal, 15A NCAC 18A.1900 et. Seq., and all conditions of the Improvement Permit and Construction Authorization. This property is served by a TYPE II A. sewage septic system.

Rule .1961 requires that a Type TYPE II A. septic system meet the following criteria:

Minimum System Review By The Local Health Department: N/A

Management Entity: OWNER

Minimum System Inspection/Maintenance Frequency By Certified Operator:

N/A

Reporting Frequency By Certified Operator: N/A

Rule .1961 requires that a Type IV and V septic systems designed for a home/business owner must maintain a valid contract with a public management entity with a certified operator or a private certified operator for the life of the septic system.

Rule .1961 requires that Type VI septic systems designed for a home/business owner must maintain a valid contract with a public management entity with a certified operator for the life of the septic system.

Rule .1961 (2) (e) requires a contract shall be executed between the system owner and a management entity prior to the issuance of an Operation Permit for a system required to be maintained by a public or private management entity, unless the system owner and certified operator are the same. The contract shall require specific requirements for maintenance and operation, responsibilities of the owner and systems operator, provisions that the contract shall be in effect for as long as the system is in use, and other requirements for the continued proper performance of the system. It shall also be a condition of

Total Time (HH:MM)

System Final Inspection Log

Drain Field

\*CDP File Number 312069 - 2

County File Number: 632413041347000

Septic Tank

Pump Tank

Supply Line

Pump Requirements

Electrical Equipment

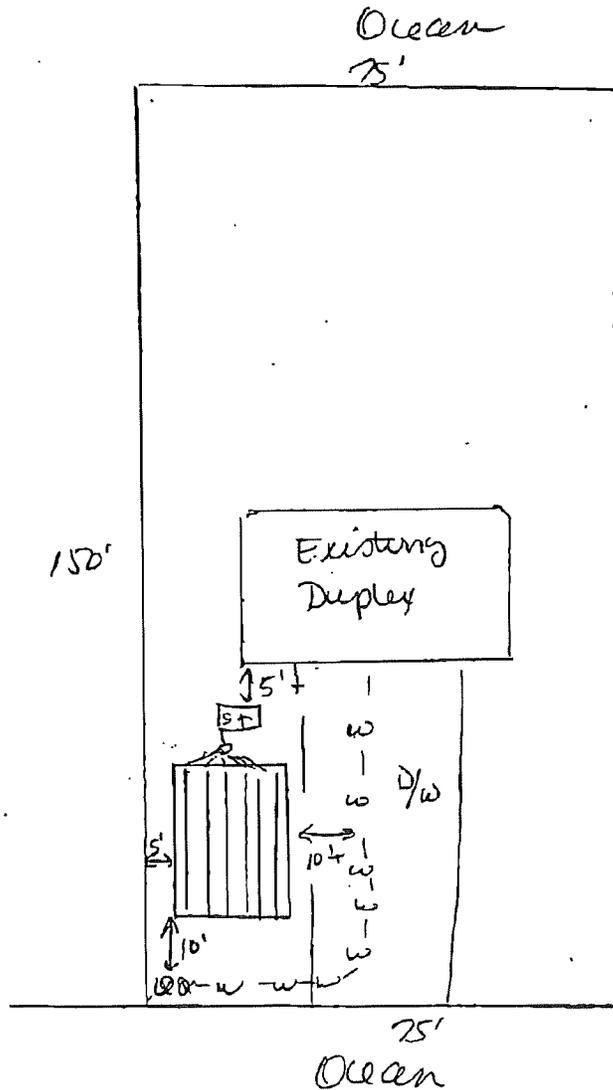
Construction Authorization

CDP File Number: 312069.2

County File Number: 6324.B, 04, 1347

Date: 12/02/2022

\* This permit is for the east unit only.



\* The existing septic tank may be used if it:

- is a minimum of 5' to any structure,
- has a baffle wall,
- can be fitted with an effluent filter

\* Water lines must be relocated to maintain at least 10' from any part of any septic system.

OK  
 12/7/20 - bogusound existing ST, just added.  
 18' x 20' gravel bed - due to space limitations, at box OK  
 waterline moved.  
 P1