

OPERATION PERMIT

Granville County Health Dept
Environmental Health
101 Hunt Drive
Oxford, NC 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

For Office Use Only

*CDP File Number 401582 - 1
County ID Number: 181400841514
Evaluated For: NEW

Property Owner: Ken Harvey Homes
Owner Address: 4909 Unicon Drive Suite 107

City: Wake Forest
State/Zip: NC/ 27587
Phone #: (919) 999-4150 (919) 999-4150
Address: 3214 Bruce Garner Rd
Creedmoor, NC 27522

Road #:
Township:
Subdivision: Becks Estates
Phase: NEW Lot: 3

Structure: SINGLE FAMILY
of Bedrooms:
of People:
Water Supply: NEW WELL
Saprolite System?: ☒ Yes ☐ No
Pump Required?: ☒ Yes ☐ No
Design Flow: 480
System Classification/Description: TYPE III B. SYSTEM
W/SINGLE EFFLUENT PUMP

Installer: Brantley & Sons

Certification #: 1207

Specific System EZFLOW EZ 1203H-GEO
Installed:

Septic Tank Date: 11/08/2023

STB: 323

Pump Tank Date: 02/04/2024

PT: PT-2124-1312

Comments: 410' total installed (EZ Flow). Pump final done on 4/9/24. Ashland EP-30 Pump.

This system has been installed in compliance with applicable NC General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the Improvement Permit and Construction Authorization.

PERMIT CONDITIONS:

- I. Performance: System shall perform in accordance with Rule .1301.
- II. Monitoring: As required by Rule .1301.
- III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

Other:

Subsurface Operator Required: ☐ Yes ☒ No

If yes, see attached sheet for additional operation conditions, maintenance and reporting.

Operation:

Other: 410' total installed (EZ Flow). Pump final done on 4/9/24. Ashland EP-30 Pump.

Authorized State Agent: Bullock, Will

Date of Issue: 04/09/2024

Owner/Applicant:

Ken Harvey Homes

Granville - Vance District Health Department
Environmental Health

Final Sketch

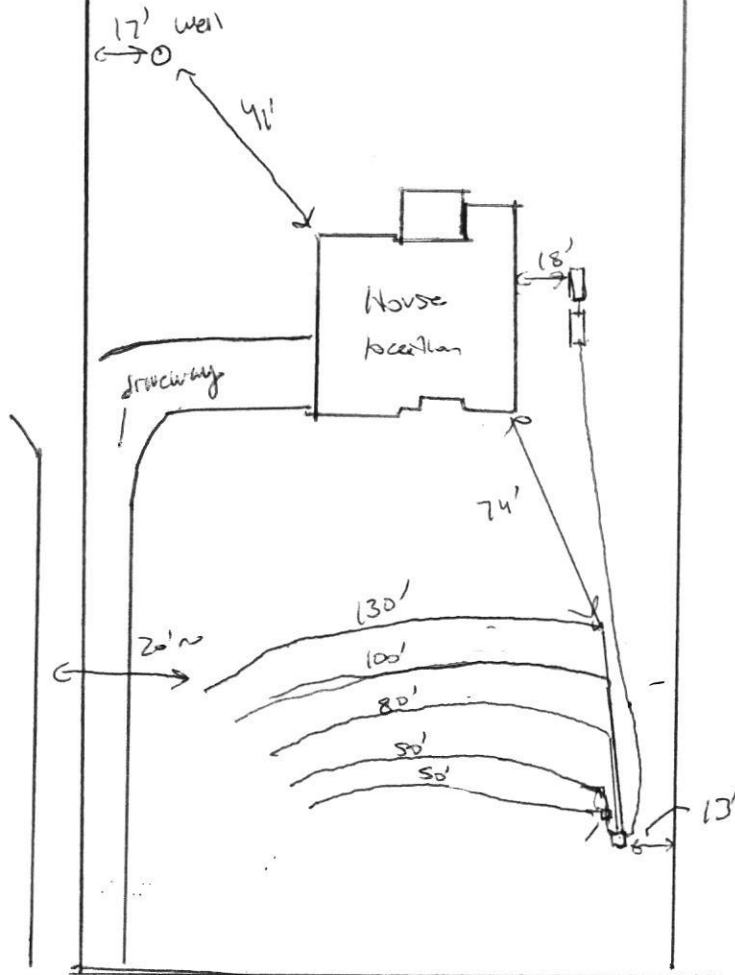
Pin _____

Becks Estates lot #3

Subdivision - Section - Lot

Physical Address: Bruce Garner rd.

System design and details as installed.



Web

Authorized Signature

SEWAGE DISPOSAL SYSTEM INSTALLATION REVIEW

Lankster (4/18/24) / RF (4/19/24) WTD
Date

OWNER Ken Harvey Homes PERMIT # 401582 DATE 4/8/24 + 4/9/24
CONTRACTOR David Branley & Sons WEATHER CONDITIONS Sunny
SOIL WETNESS Dry

SEPTIC AND PUMP TANK INSPECTION

SEPTIC TANK

Manufacturer DB
Date of Manufacture 11/8/20
Stamp 578323
Capacity 1250
Tee /
Baffle /
Sealant /

INITIAL
WTB
J

DATE
4/8/24
J

PUMP TANK

Manufacturer DB
Date of Manufacture 2/19/24
Stamp PS-2124-1312
Capacity 1250
Sealant /
Manhole /
Draw Down Test /

INITIAL
WTB
J

DATE
4/8/24
J

MECHANICAL INSPECTION

PUMP

Manufacturer and Model # Ashland ep-30
Control Panel /
Alarm /
Electrical Connection /

INITIAL
WTB
J

DATE
4/9/24
J

NITRIFICATION/DISTRIBUTION AND DRAINFIELD INSPECTION

DISTRIBUTION BOX

Level _____
Equal Distribution _____
Other _____

DISTRIBUTION MANIFOLD

Pipe Size _____
Gate Valves _____
Other _____

OTHER DISTRIBUTION

Type _____

NITRIFICATION LINES

Trench Width .3'
Trench Length 100' (w/ 10' box)
Trench Grade /
Stone Depth 24" max

LINE 1

LINE 2

LINE 3

LINE 4

LINE 5

LINE 6

Trench Width .3'
Trench Length 80'
Trench Grade /
Stone Depth /

Trench Width .3'
Trench Length 100'
Trench Grade /
Stone Depth /

Trench Width .3'
Trench Length 120'
Trench Grade /
Stone Depth /

Trench Width .3'
Trench Length 120'
Trench Grade /
Stone Depth /

Trench Width _____
Trench Length _____
Trench Grade _____
Stone Depth _____

Trench Width _____
Trench Length _____
Trench Grade _____
Stone Depth _____

COMMENTS:

N-P-POLY

*File #: 401582 - 2
PIN #: 181400841514
Tax Lot #: 3
Tax Block #:

WELL CONSTRUCTION RECORD

Owner: Ken Harvey Homes
4909 Unicon Drive Suite 107
Wake Forest, NC 27587

Bucks
esaka H/A 3

Directions

WELL HEAD CONSTRUCTION

Drilling Contractor: Hensley Well Drilling
Driller Registration: 3541
Date Drilled: 04/16/2024
Use of Well: SINGLE FAMILY

Total Depth: 245 Ft.
Static Water Level: 20 Ft.
Replacement Well: NO
Yield: 6 gpm
Water Zone: 1) Ft. 2) Ft.
3) Ft. 4) Ft.

Disinfection Type: GRANULAR Amount:

Location:

Latitude:

Longitude:

Enclosure	☐ Yes	☐ No	☒ N/A
Enclosure Floor	☐ Yes	☐ No	☒ N/A
Access Port	☐ Yes	☐ No	☒ N/A
Vent:	☒ Yes	☐ No	☐ N/A
Sample Tap	☒ Yes	☐ No	☐ N/A
Back Flow	☐ Yes	☒ No	☐ N/A
Tee (jet)	☐ Yes	☐ No	☒ N/A
Suction Line	☐ Yes	☐ No	☐ N/A
Temporary	☐ Yes	☐ No	☒ N/A
Well ID Plate	☒ Yes	☐ No	☐ N/A
Pump ID Plate	☒ Yes	☐ No	☐ N/A

EHS: Bullock, Will *W. Bullock*

Issue Date: 04/17/2024

Casing: Depth: 79 Ft. Thickness: 0.021 In. Comments:

Diameter: 6 In. Top of Casing: 12 In.

Material: SDR 21

Grout:

	Depth	Material	Method
From 0 To 3 Ft.	NEAT CEMENT	PUMP	
From 3 To 20 Ft.	BENTONITE	PUMP	

* Liner Date: From 0 To Ft.

Grout:

	Depth	Material	Method
From 0 To	Ft. N/A	N/A	

Issued by: Bullock, Will

Date of Issue: 11/01/2023

GW-1 Received. Well meet setbacks.

This well was constructed, repaired or abandoned in compliance with the well permit and in accordance with 15 A NCAC 02C .0100, .0300.
The well owner shall not place potential sources of groundwater contamination closer to the well than the separation distances specified
in 15A NCAC 02C .0100, .0300.

WELL CONSTRUCTION RECORD (GW-1)

1. Well Construction Information:

Well Contractor Name: Philip R. Hensley

Well Construction Permit #: 701582

Well Construction Number: 701582

Company Name: Hensley, Philip R. Drilling, Inc.

2. Well Construction Permit #: 701582

3. Well Use (check well use):

☒ Domestic (check well use): ☐ Commercial (check well use): ☐ Industrial (check well use): ☐ Other (check well use):

Water Supply Well:

☐ Municipal/Industrial

☐ Residential (check well use): ☐ Commercial (check well use): ☐ Industrial (check well use):

Non Water Supply Well:

☐ Irrigation

☐ Domestic (check well use): ☐ Commercial (check well use): ☐ Industrial (check well use):

4. Date Well(s) Completed: 4/16/2024 Well ID# 701582

5a. Well Location:

County: Wayne

City/Town/Village: Wayne

Physical Address, Care, and Zip: 3214 Bruce Avenue, Wayne, NC 27572

Parcel Identification No. (PIN): 18170241519

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:

Latitude: 36.04181 Longitude: -78.32005

6. Is/are the well(s) ☒ Permanent or ☐ Temporary

7. Is this a repair to an existing well? ☐ Yes or ☒ No

If this is a repair, fill out form with descriptive information and explain the nature of the repair under #21 Remarks or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 (GW-1) is needed. Indicate TOTAL NUMBER of wells drilled.

9. Total well depth below land surface: 245

10. Static water level below top of casing: 230

11. Borehole diameter: 6 (in.)

12. Well construction method: Direct Drilling

13a. Yield (gpm): 100

13b. Disinfection type: Chlorinate Amount: 8.02

FOR WATER SUPPLY WELLS ONLY:

14. For Water Supply and Closed-Loop Geothermal Return Wells: Copy to the county environmental health department of the county where installed.

15. For Water Supply and Closed-Loop Geothermal Return Wells: Copy to the Permit Program, 1611 MSC, Raleigh, NC 27699-1611.

24. SUBMITTAL INSTRUCTIONS

24. SUBMITTAL INSTRUCTIONS

You may use the back of this page to provide additional well construction info (add See Over in Remarks Here). You may also attach additional pages if necessary.

23. Site diagram or additional well details:

22. Certification:

I certify that the information provided on this form is true and correct to the best of my knowledge and belief.

Signature of Contractor: Philip R. Hensley

Date: 04/17/2024

19. SANITARIETY PACK (if applicable):

20. DRILLING LOG (attach additional sheets if necessary):

21. REMARKS:

66. 245 ft. Static water level

40. 60 ft. Static water level

10. 60 ft. Static water level

18. GROUT:

17. SCREEN:

16. INNER CASING, OR Lining (check well use):

15. (OR) TIE CASING (for multi-cased wells) OR Lining (if applicable):

14. WATER ZONES:

13. YIELD (gpm):

12. WELL CONSTRUCTION METHOD:

11. BOREHOLE DIAMETER (in.):

10. STATIC WATER LEVEL BELOW TOP OF CASING (ft.):

9. TOTAL WELL DEPTH BELOW LAND SURFACE (ft.):

8. FOR GEOPROBE/DPT OR CLOSED-LOOP GEOTHERMAL WELLS HAVING THE SAME CONSTRUCTION, ONLY 1 (GW-1) IS NEEDED. INDICATE TOTAL NUMBER OF WELLS DRILLED.

7. IS THIS A REPAIR TO AN EXISTING WELL? ☐ YES OR ☒ NO

6. IS/ARE THE WELL(S) ☒ PERMANENT OR ☐ TEMPORARY

5. DATE WELL(S) COMPLETED: 4/16/2024 WELL ID# 701582

5A. WELL LOCATION:

COUNTY: WAYNE

CITY/TOWN/VILLAGE: WAYNE

PHYSICAL ADDRESS, CARE, AND ZIP: 3214 BRUCE AVENUE, WAYNE, NC 27572

PARCEL IDENTIFICATION NO. (PIN): 18170241519

4. DATE WELL(S) COMPLETED: 4/16/2024 WELL ID# 701582

5A. WELL LOCATION:

COUNTY: WAYNE

CITY/TOWN/VILLAGE: WAYNE

PHYSICAL ADDRESS, CARE, AND ZIP: 3214 BRUCE AVENUE, WAYNE, NC 27572

PARCEL IDENTIFICATION NO. (PIN): 18170241519

3. WELL USE (CHECK WELL USE):

☒ DOMESTIC (CHECK WELL USE): ☐ COMMERCIAL (CHECK WELL USE): ☐ INDUSTRIAL (CHECK WELL USE):

2. WELL CONSTRUCTION PERMIT #: 701582

1. WELL CONSTRUCTION INFORMATION:

WELL CONTRACTOR NAME: Philip R. Hensley

WELL CONSTRUCTION PERMIT #: 701582

WELL CONSTRUCTION NUMBER: 701582

COMPANY NAME: Hensley, Philip R. Drilling, Inc.