



OPERATION PERMIT

Franklin County Health Department
107 Industrial Drive
Louisburg, NC 27549
Phone:

For Office Use Only

*CDP File Number 353707 - 1

County ID Number:

Evaluated For: NEW

Property Owner: JULIANA WRIGHT

Address: 245 SORREL DRIVE

Road #:

City: FRANKLINTON

State/Zip: NC/ 27525

Phone #:

Township:

Subdivision: WOODLAND PARK

Phase : NEW

Lot: 54

Structure: SINGLE FAMILY

of Bedrooms: 3

of People: 6

Water Supply: NEW WELL

Saprolite System?: ☐ Yes ☒ No

Pump Required?: ☒ Yes ☐ No

Design Flow: 360

System Classification/Description: TYPE III B. SYSTEM
W/SINGLE EFFLUENT PUMP

Installer:

Specific System EZFLOW EZ 1203H-GEO

Installed:

STB:

PT:

Comments:

Certification #: Blackley

Septic Tank Date: 07/12/2021

Pump Tank Date: 07/12/2021

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 .1961.

II. Monitoring: As required by Rule .1961.

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:

Authorized State Agent: Leonard, Shad

Date of Issue: 11/24/2021

Owner/Applicant:



File # 353707 PIN# _____

Property Address: 245 Sorrel Drive

Applicant or Owner Name: Matt Baldwin

Environmental Health Septic/Well Permit Diagram

Building permits cannot be issued nor should construction begin without Construction Authorization issuance.

☒ Septic Improvement Permit ☒ Septic Construction Authorization (CA) ☐ CA Reissue** ☐ As Built
☒ Well Construction Authorization ☒ Additional Diagram/Specifications Attached

Diagram Date**: 5-5-21 EHS: [Signature]

**Any previously dated CA diagram is revoked and/or invalid. Confirm this is the valid diagram for the site before beginning any construction.

Installation/grouting inspections may be scheduled the day before, or, the day of installation until 9am by contacting the Environmental Health office at 919 496 8100. A revisit fee may apply if installation is not ready for inspection at the time requested. Septic Operations Permits will be issued after installation is approved, all permits conditions are met, and any outstanding fees are paid. Well Certificate of Completion will be issued after well head approval, all permit conditions are met, and any outstanding fees are paid.

Septic Tank 1000 Pump Tank 1000 Drainfield 3'x320' Type System Pt Acc Max Trench Depth 30"
Septic Contractor Blackley Septic/Pump tank dates PM 11/5 1000 7-15-21 Pump fee? NO YES pd 50.00 [Signature]
Well Contractor _____ Well Grout date: SM 11/5 1000 7-15-21 Pump final 11-24-2021 [Signature]

See attached layout & top charts designed by CCRC 11-24-2021 [Signature]

pump final
alarm ✓
wake standard ✓
699140x
21223
4 hp

10-3-21 SEL
10-4-21
Need to check pump, Alarm, and D-box
Need to pay pump fee

Blackley
Philip (Owner)
Mitchell
Kevin

Woodland Park Lot 54 TAP CHART

Bench Mark			Elevation Head						
Pump tank elev.			100.00	Pump elev.	94.60	Manifold elev.			
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
4	Red	3.90	96.10	80	1/2in SCH 40	7.11	90.00	240	0.3750
5	Orange	4.70	95.30	80	1/2in SCH 40	7.11	90.00	240	0.3750
6	Yellow	5.10	94.90	80	1/2in SCH 40	7.11	90.00	240	0.3750
7	Pink	6.20	93.80	80	1/2in SCH 40	7.11	90.00	240	0.3750

	total	feet =	320	gal/min =	28.44	<u>LTAR =</u>	0.3000
% of Dose Vol.	75		<u>Des. Flow</u>	360		<u>LTAR + %5</u>	0.3150
Dose Volume	156.00		Pump Run=	12.66		(ltar W/ INOV)	0.4000
Dose Pump Time	5.49		Tank Gal/IN	20		(ltar W/ INOV + 5%)	0.4200
Drawdown in Inches	7.80						

Woodland Park Lot 54 Repair TAP CHART

Bench Mark			Elevation Head						
Pump tank elev.			100.00	Pump elev.	94.60	Manifold elev.			
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Pink	2.40	97.60	95	3/4in SCH 80	10.1	120.00	285	0.4211
2	Blue	2.80	97.20	105	3/4in SCH 80	10.1	120.00	315	0.3810
3	Purple	3.40	96.60	110	3/4in SCH 80	10.1	120.00	330	0.3636

	total	feet =	310	gal/min =	30.3	<u>LTAR =</u>	0.3000
% of Dose Vol.	75		<u>Des. Flow</u>	360		<u>LTAR + %5</u>	0.3150
Dose Volume	151.13		Pump Run=	11.88		(ltar W/ INOV)	0.4000
Dose Pump Time	4.99		Tank Gal/IN	20		(ltar W/ INOV + 5%)	0.4200
Drawdown in Inches	7.56						

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Property ID:
Lot #: 54
File #:
AppID:

Owner: Matt Baldwin Homes

Address:

Proposed Facility: 3-Bedroom

Design Flow (.1949) 360 gal/day

Location of Site: Woodland Park 54

Applicant:
Date Evaluated: 4/21/2021

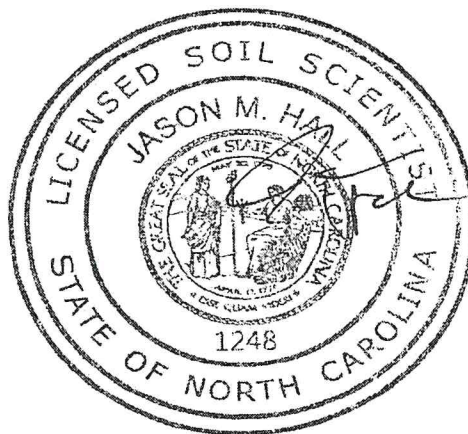
Water Supply: ☐ Public ☐ Individual ☒ Well ☐ Spring ☐ Other

Evaluation Method: ☒ Auger Boring ☐ Pit ☐ Cut

Type of Wastewater: ☒ Sewage ☐ Industrial Process ☐ Mixed

Property Size:
Property Recorded:

P R O F I L E #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941		b 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	R, 4%	A0-4	Gr, SL	VFR, NS, NP					PS .3 S, .325
		Bt, 4-37	SBK, Clay	FR, SS, SP, SEXP		PS			
		Bt2, 37-48	SBK, CL	FI, SS, ,SP, SEXP		S			



Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	Accepted	Accepted
Site LTAR	.3	.3

Other Factors (.1946):
Soil Evaluation By: Jason Hall

Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

COMMENTS:

Sheet:
FILE #: