ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 | Mooresville Office (704) 660-3625

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

SW

PERMIT : OSWP - 2024 - 52694

PIN # 4747 -- 79 -- 5257

APPLICANT/OWNER: KAY BRIDGES

APPLICANT ADDRESS: 736 BLACKWELDER ROAD, STATESVILLE, N.C. 28625

SITE ADDRESS: 760 BLACKWELDER ROAD, STATESVILLE, N.C. 28625

PHONE: 704-880-0042

ALT. PHONE: -

SITE DIRECTIONS: (N) ON 21, (L) ON JENNINGS, (R) ON BLACKWELDER, LOT ON (L)

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 2.00 AC DESIGN FLOW: 360 GPD

L.T.A.R.(Initial): EXT L.T.A.R (Repair): 0.3

Septic Tank	1000	(gal)	STB	760	Date				
Pump Tank	-	(gal)	PT	-	Date	-			
Pump Make	-	Model	-	Serial #	-				
# Nitrification Fields	1	# Lines	3	Linear Ft	302 FT				
Trench Width	36 IN	*Max. Trench Depth(Initial)	EXT	*Max. Trench Depth(Repair)	30 IN	Gravel Depth	-		

☐ New System ☑ Repair ☐ Expansion System Type: I (II) III IV V VI

System Description: EXISTING

Repair System Description: 25% REDUCTION

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

* Measured on the downhill side of the trench

Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

Usable Depth to LC (Initial): EXT

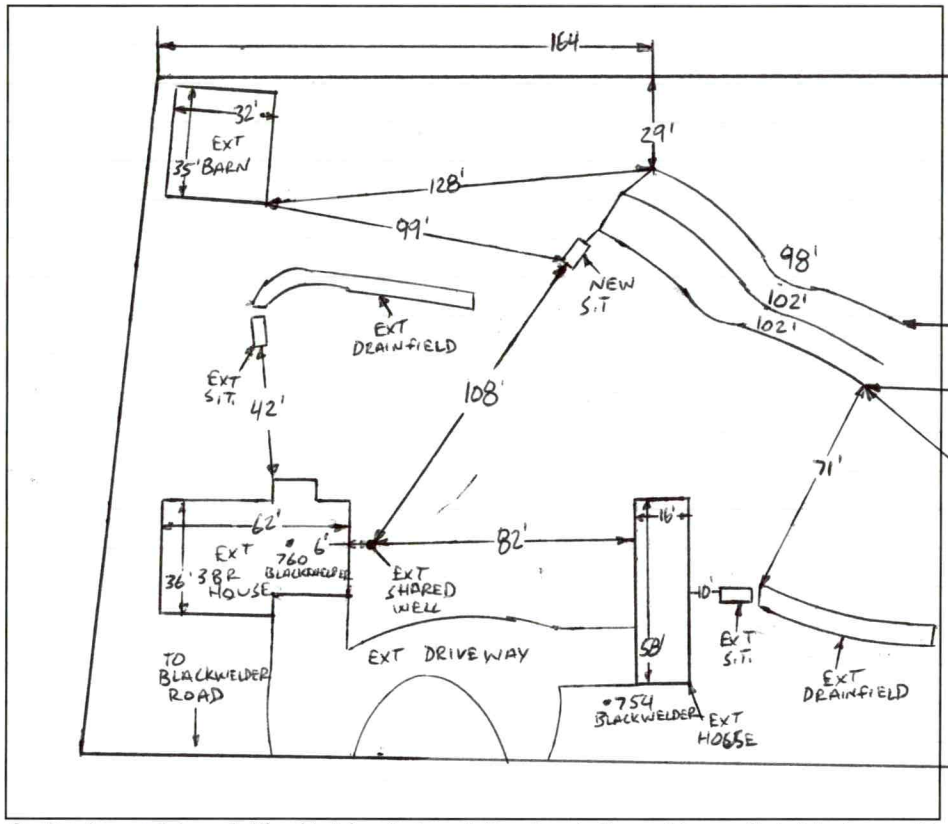
Usable Depth to LC (Repair): 36 IN *Limiting Condition*

☑ Residence	No. Bedrooms	3	**Water Supply**
☐ Business	No. Persons	6	☑ Private EXT SHARED
☐ Other	No. Employees	-	☐ Public
☐ Slab	☑ Crawl Space		☐ Community
☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 36 IN MAX TRENCH DEPTH (HIGHSIDE) MAINTAIN 100FT FROM THE SHARED WELL

HOUSE MUST BE CHECKED FOR WATER LEAKS

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

1 IN = 60 FT

S.T. = SEPTIC TANK

EXT = EXISTING

Installed as Drawn

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT *with plat*** *valid without expiration.* ☑ **IMPROVEMENT PERMIT *with site plan*** *valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: ONLINE SIGNATURE Date: -

Installed by: Lentz

IMPROVEMENT PERMIT by: Burt C. White Date: 6-11-2024

OPERATION PERMIT by: Lentz Date: 7/9/24

AUTHORIZATION TO CONSTRUCT by: Burt C. White Date: 6-11-2024

Existing System Inspected by: Date:

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4747-79-5257
COUNTY: IREDELL

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: KAY BRIDGES DATE EVALUATED: 5-13-2024
ADDRESS: 760 BLACKWELDER ROAD, STATESVILLE, N.C. 28625
PROPOSED FACILITY: 3BR EXT PROPOSED DESIGN FLOW (.0400): 360 GPD PROPERTY SIZE: 2.00 AC
LOCATION OF SITE: 760 BLACKWELDER ROAD, STATESVILLE, PROPERTY RECORDED: YES
WATER SUPPLY: Public Single Family Well ✓Shared Well Spring Other _____ WATER SUPPLY SETBACK: 100FT
EVALUATION METHOD: ✓Auger Boring · Pit Cut TYPE OF WASTEWATER: ✓Domestic High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
AB 1	LINEAR SIDE 8%	0-6	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT	48"+	NA	PS	PS .3	3.5"
		6-28	C, SBK	FR, S, P, SEXP						
		28-48	CL, WSBK	FR, SS, SP, SEXP						
AB 2	LINEAR SIDE 7%	0-3	FILL	MIXED	SAP INC THRU OUT	48"+	NA	NA	PS .3	3.25"
		3-27	C, SBK	FR, S, P, SEXP						
		27-48	CL, WSBK	FR, SS, SP, SEXP						
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	—	PS
System Type(s)	—	25% RED.
Site LTAR	—	0.3
Maximum Trench Depth	—	32 IN

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Bryant C. White
OTHER(S) PRESENT: _____

Comments: _____

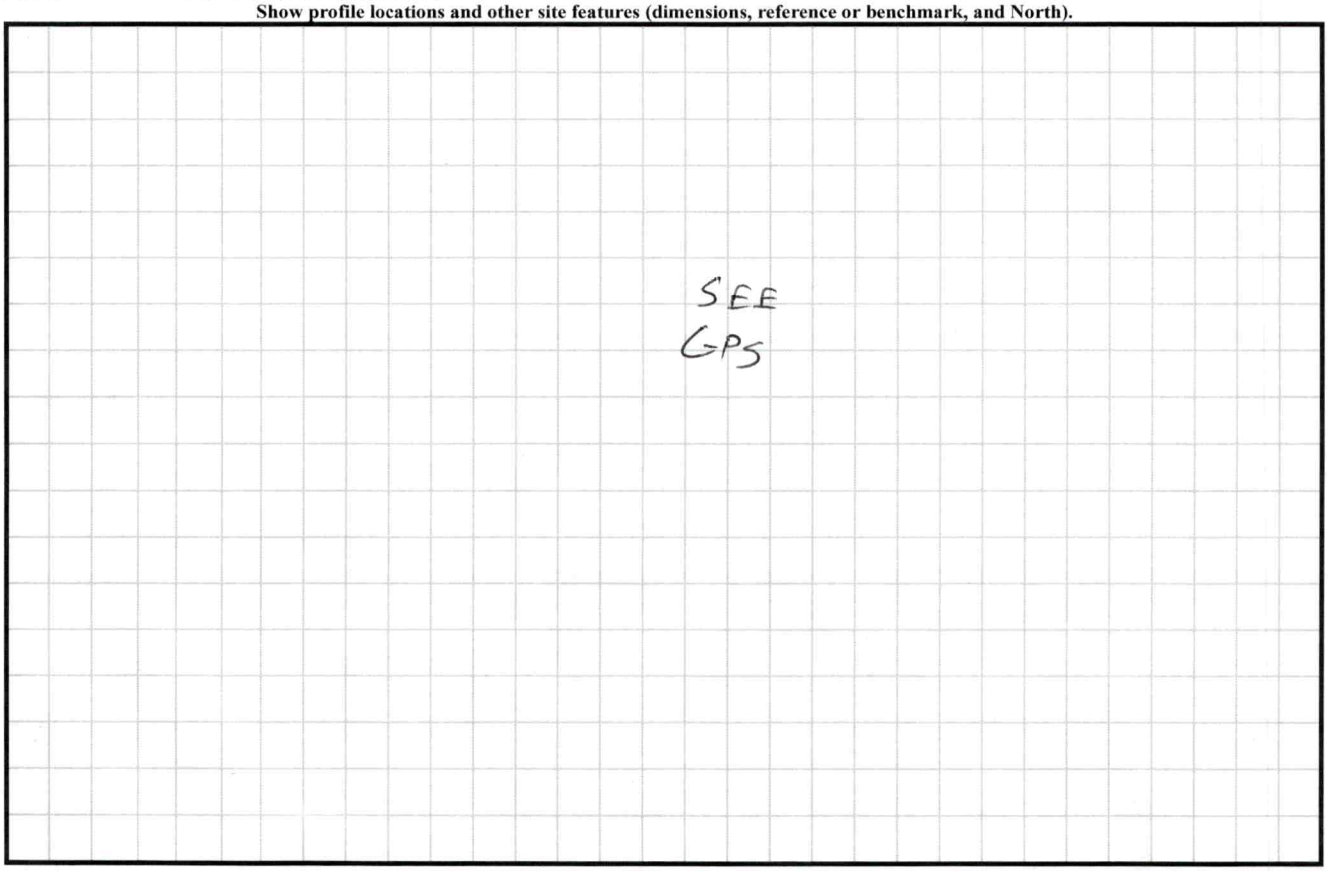
LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION S (Suitable) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North).




736
(362)
4747-79-5555
220
746
Ab2
396
98
106
102
52
Ext st
4747-79-5257
Ext st
396
754
426
Ab2
Ext house
(212)
77
Ext house
Ext st
760
106
97
30
220
299
118
Blackwelder Rd
4747-78-5851
4747-88-
4747-78-9
1 in 60 ft

PERMIT SNAPSHOT REPORT OSWP-2024-52694 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	05/02/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	PRIORITY PERMIT	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	White, Bryant	**Approval Expire Date:**	
Description:	PRIORITY PERMIT failing septic system				

Parcel: 4747795257.000 Main	**Address:** 760 Blackwelder Rd Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Kay Bridges	Kay Bridges
736 Blackwelder Road	736 Blackwelder Road
Statesville, NC 28625	Statesville, NC 28625
Mobile: (704) 880-0042	Mobile: (704) 880-0042

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Repair	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	0
Maximum Number of Bedrooms	3	If other Addition/Structure, please explain		Number of Occupants	2
Foundation Type	Crawl Space Foundation	Residential/Business/Other	Residential	Water Supply	Other Public Water
Desired Septic System Type	No Preference	Additional Unique Setbacks Apply	No		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Kay_Bridges_5/2/2024.jpg	05/02/2024 13:31	Bridges, Kay		Uploaded via CSS
760blackwelder_v1.pdf	05/02/2024 15:03	Bridges, Kay	Available Online	
ownerdoc.760_v1.pdf	05/02/2024 15:03	Bridges, Kay	Available Online	
siteplan.760_v1.pdf	05/02/2024 15:03	Bridges, Kay	Available Online	

Invoice No.	Fee	Fee Amount	Amount Paid
NOT INVOICED	Existing System Septic Repair Permit	$150.00	$0.00
	Total for Invoice NOT INVOICED	$150.00	$0.00
	Grand Total for Permit	**$150.00**	**$0.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		05/02/2024 15:00	05/02/2024 15:03
Confirm application complete v.1	Generic Action		05/02/2024 15:03
~~**Fees v.1**~~			05/02/2024 15:02
~~Fees Paid v.1~~	Generic Action		05/02/2024 15:02
~~Issue Invoice v.1~~	Generic Action		05/02/2024 15:02
~~**Lot Readiness Verification v.1**~~			05/02/2024 15:02
~~OSWP Septic Preliminary Site Visit v.1~~	Inspection		05/02/2024 15:02
~~OSWP Site Evaluation v.1~~	Inspection		05/02/2024 15:02
~~**Zoning Review v.1**~~			05/02/2024 15:03
~~Floodplain Admin Overview v.1~~	Task		05/02/2024 15:03
~~Issue Invoice v.1~~	Generic Action		05/02/2024 15:03

PERMIT SNAPSHOT REPORT (OSWP-2024-52694)

~~Fees Paid v.1~~	Generic Action	05/02/2024 15:03
Issue Improvement Permit v.1		
Issue Invoice v.1	Generic Action	
Fees Paid v.1	Generic Action	
Issue Permit v.1	Generic Action	
Permit Completion Process v.1		
Authorization to Construct Permit v.1	Create Sub Permit	
Issue Authorization to Construct v.1	Generic Action	

100ft from road
20ft from left side
90 ft from right

