ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-34853

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

PIN # 4614-95-6607

APPLICANT / OWNER: Michael Athanas & Assoc. | APPLICANT ADDRESS: 2630 Statesville Blvd, Salisbury, NC 28147

SITE ADDRESS: 114 TORRINGTON CT, MOORESVILLE, NC 28117 | PHONE: 704-310-1632 | ALT. PHONE:

SITE DIRECTIONS: W Brawley School -> R Tuskarora Trail -> L Torrington Ct -> lot on R | SAP CONTROLLED: YES ☑ NO ☐

SUBDIVISION: Rockspring Park | SECTION: 2 | LOT #: 5 | LOT AREA: 0.84 | DESIGN FLOW: 480 | L.T.A.R.: 0.25

Septic Tank: (gal)	STB: 1012	Date: 02/21/2020	☑ relocation New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 4	Water Supply: Existing Well
Pump Tank: 1000 (gal)	PT: 363	Date: 9-5-23	System Description: Remove 72' ex VPPBPS + 72' new line		☐ Business	No. Persons: 8	
Pump Make: Zoeller	Model: BN152	Serial #:	Repair System Description: VPPBPS		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 1	Linear Ft.: 72	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 24	Trench Bottom Depth (Low side): 36		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Disconnect lines as required - earthen dam the ends. Install manifold as shown - remove irrigation from drainfield area to meet setbacks.

INITIAL SITE SKETCH

See attached site plan & design by Michael Athanas & Assoc.

AS BUILT SKETCH

- OK to be 5' from wall w/ lines

Irrigation cut @ well - no longer functioning system at time of inspection. DO NOT reconnect

Lines, tank, PH, floats, alarm, electrical 10/19/23

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: | Date:

IMPROVEMENT PERMIT by: D. Mebane | Date: 8/30/23

AUTHORIZATION TO CONSTRUCT by: D. Mebane | Date: 8/30/23

Installed By: Gallo Grading

OPERATION PERMIT by: D. Mebane | Date: 10/19/23

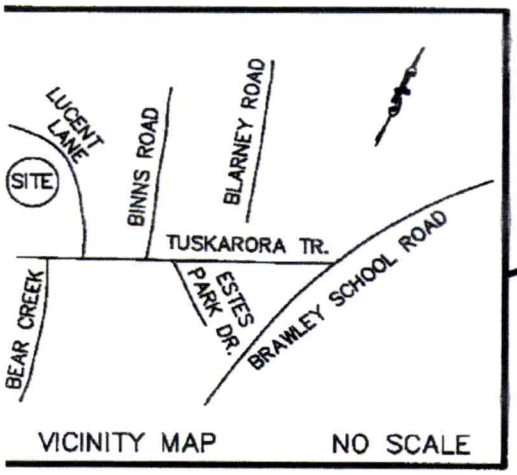
Existing System Inspected By: | Date:

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 BETWEEN 8am-9am the day the inspection is needed.

was prepared in accordance with the General Statutes of North Carolina Chapter 89C.
my hand and seal on the 17, day of AUGUST,
A.D. 20 23.

WILLIAM M. ALLEN PLS

NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN



LUCENT LANE
(60' PUBLIC R/W)

BM 5.4'

#4 REBAR

234.65' TOTAL

S88°19'31"E 156.72'

#4 REBAR

ALUMINUM FENCE

77.93'

107.70'

S35°37'48"W (BASE BEARING)

O1	53' - 0.7'
Y2	81' - 1.8'
W3	46' - 2.5'
R4	100' - 3.0'
B5	113' - 3.9'
P6	**72' - 4.8'**
W7 Ex	**73'**
O8 Ex	**39'**
O9 Ex	**33'**
W10 Ex	**34'**
Y11 Ex	**35'**
W12 Ex	**36'**

W12 Y11 W10 O9 O8 W7 P6 B5 R4 W3 Y2 O1

35' REAR SETBACK

WALL

PM

ST PT 5.2'

#4 REBAR

#4 REBAR

PB. 64 PG. 80

155.94'

84.5'

STAIRS

COVERED PORCH

HC 5.4'

15' SETBACK

15' SETBACK

LOT 6
CURTIS WILL
2593/1172
69/137

26.1'

N17°17'19"E

2 STORY BRICK/WOOD COMP. ROOF

LOT 5
0.84 AC.

100'

149.99'

257.69' TOTAL

LOT 3
DANA L.
WOLSKI
2545/1589
49/83

62.0'

35' FRONT SETBACK

CONCRETE DRIVE

36.1'

#4 REBAR

C3 C2 C1 L1

#4 REBAR

#4 REBAR

R/W

(TIE ONLY)
N17°10'40"E
50.06'

EXISTING PK NAIL

TORRINGTON CT.
(45' PUBLIC R/W)

LEGEND
□ = POWER TRANS.
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
Ⓦ = WELL
PDE = PUBLIC DRAINAGE EASEMENT
CP = COMPUTED POINT

LINE TABLE		
LINE	BEARING	LENGTH
L1	N 54°22'12" W	7.98'

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	172.50'	86.05'	N 68°39'40" W	85.16'
C2	25.00'	21.77'	S 57°59'56" E	21.09'
C3	50.00'	34.72'	N 52°45'00" W	34.03'

0' 20' 40' 100'

SCALE IN FEET

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE

PHYSICAL SURVEY

MA&A
SOIL & ENVIRONMENTAL CONSULTANTS

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556 Walden Trail
Weddington, NC 28173
(704) 576-3887
8/23/2023

Reference: Data Sheet for 114 Torrington Ct, Rocksprings Park Lot 5
House Footprint: See attached
Building Setbacks: 35' front/rear, 15' side
Water Source: Private Well
Number of Bedrooms/Daily Flow: 4/480 GPD
Permitted LTAR: 0.25 GPD/FT^2
Proposed System Type: PPBPS
Proposed Repair System Type: PPBPS
Distribution: Pressure Manifold
Flow per Tap: 2 @ 10.1 GPM, 5 @ 5.48 GPM
Tap Size and Material: 2 @ ¾" SCH 80, 5 @ ½" SCH 80
System Flow: 47.6 GPM
Dosing Volume: 266.4 gallons
Pump Run Time: 5.6 minutes
Elevation Head: 5.4'
Friction Head: 1.4'
Pressure Head: 2'
Total Dynamic Head: 8.8'
Supply Line Length: 30' of 2" PVC
Septic/Pump Tank Size: 1000 gallons ST (Ex), 1000 gallons PT
Proposed Trench Bottom: 36"



Line	Design Length	# of Panels	Actual Length	Elevation
Orange 1			53'	0.7'
Yellow 2			81'	1.8'
White 3			46'	2.5'
Red 4			100'	3.0'
Blue 5			113'	3.9'
Pink 6	**72'**	**16**	**105'**	**4.8'**
White 7 Ex	**73'**	**17**	**46'/46'**	**Ex**
Orange 8 Ex	**39'**	**9**	**46'**	**Ex**
Orange 9 Ex	**33'**	**8**	**46'**	**Ex**
White 10 Ex	**34'**	**8**	**46'**	**Ex**
Yellow 11 Ex	**35'**	**8**	**46'**	**Ex**
White 12 Ex	**36'**	**8**	**46'**	**Ex**

Initial System: 321'
Pump Tank: 5.2'
Benchmark: 5.4'

Repair System: 393'
House Corner: 5.4'

Comments:

The retaining wall appears to have been built too close to the septic system after the system was installed. The existing lines must be shortened to be 10' away from the wall. A new 70' line will be installed to replace the lost lines. The new line is in the previously approved repair area. The system will be pumped to make the distribution work. MA&A are using the approved LTAR. Although no new soil work is needed, MA&A performed two auger borings to confirm the LTAR.

PERMIT SNAPSHOT REPORT OSWP-2023-34853 FOR IREDELL COUNTY

Permit Type:	OSWP - AOWE|Session Law|EOP|Expedited Review	**Project:**		**App Date:**	08/23/2023
Work Class:	OSWP - AOWE|Session Law|EOP|Expedited Review	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	PRIORITY PERMIT	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Wieberg, Danielle	**Approval Expire Date:**	
Description:	PRIORITY PERMIT EXPEDITED REVIEW	Relocate a portion of septic			

Parcel: 4614956607.000 Main	**Address:** 114 Torrington Ct Mooresville, NC 28117 Main	**Zone:** R-20(Suburban Residential District)

Applicant	Soil Scientist	Property Owner
Michael Athanas & Associates Gary McNeely 2630 Statesville Blvd Salisbury, NC 28147 Mobile: (704) 310-1832	Michael Athanas & Associates Gary McNeely 2630 Statesville Blvd Salisbury, NC 28147 Mobile: (704) 310-1832	MARJORIE+JOHN BELIVEAU SMITH

10|2| 2/21/20 36"

Permit Custom Fields

EHExpeditedApplication/PermitType	Expedited Review	How is your site plan being submitted	Survey Plat	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	See attached plan
If other Addition/Structure, please explain		Maximum Number of Bedrooms	4	Number of Occupants	8
Foundation Type	Crawl Space Foundation	Water Supply	Existing Well	Desired Septic System Type	Modified Conventional
If other septic system type, please explain		Additional Unique Setbacks Apply	No		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Gary_McNeely_8/23/2023.jpg	08/23/2023 16:45	McNeely, Gary		Uploaded via CSS
114 Torrington Ct AF_v1.pdf	08/24/2023 10:10	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
114 Torrington Ct_v1.docx	08/24/2023 10:10	COMEAUX, DEBRA	Available Online	Additional Supporting Information
114 Torrington Ct_v1.pdf	08/24/2023 10:10	COMEAUX, DEBRA	Available Online	Site Plan
FT Check List_v1.pdf	08/24/2023 10:10	COMEAUX, DEBRA	Available Online	Additional Supporting Information

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00019739	Expedited Review New Pump System	$850.00	$850.00
	Total for Invoice INV-00019739	**$850.00**	**$850.00**
	Grand Total for Permit	**$850.00**	**$850.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		08/24/2023 10:11	08/24/2023 10:11
Confirm application complete v.1	Generic Action		08/24/2023 10:11
Fees v.1		08/25/2023 11:05	08/25/2023 11:05
Fees Paid v.1	Generic Action		08/25/2023 11:05
Issue Invoice v.1	Generic Action		08/25/2023 11:05
Lot Readiness Verification v.1			
~~OSWP Septic Preliminary Site Visit v.1~~	Inspection		08/25/2023 11:06
OSWP Site Evaluation v.1	Inspection		
~~**Zoning Review v.1**~~			08/25/2023 11:04
~~Floodplain Admin Overview v.1~~	Task		08/25/2023 11:04