Original permit: install 4/26/10
Damaged @ pool install

[redacted] HS

# ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-18389

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

PIN # 4624-34-4168

APPLICANT / OWNER: Anthony Trifiletti | APPLICANT ADDRESS: 214 Washam Road, Mooresville, NC 28117

SITE ADDRESS: 214 WASHAM RD, MOORESVILLE, NC 28117 | PHONE: (614) 260-3851 | ALT. PHONE:

SITE DIRECTIONS: W Brawley School -> L Washam -> lot on L | SAP CONTROLLED: YES ☐ NO ☑

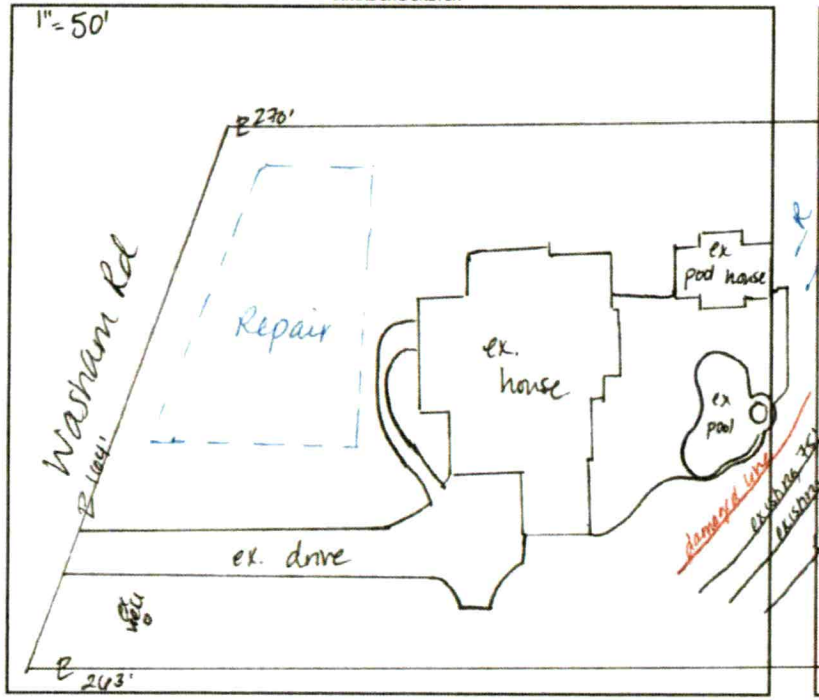
SUBDIVISION: Washam Point | SECTION: N/A | LOT #: 11 | LOT AREA: 0.927 | DESIGN FLOW: 600 | L.T.A.R.: 0.3

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Septic Tank: 1500 (gal) | STB: EXISTING | Date: | ☐ New System ☒ Repair ☐ Expansion | System Type: III | ☒ Residence | No. Bedrooms: 5 | Water Supply: Existing Well |
| Pump Tank: 1500 (gal) | PT: EXISTING | Date: | System Description: EXISTING | | ☐ Business | No. Persons: 10 | |
| Pump Make: | Model: | Serial #: | Repair System Description: EXISTING + 2 new lines (25% red.) | | ☐ Other | No. Employees: | |
| # Nitrification Fields: 1 | # Lines: 2 | Linear Ft.: 76 | Maintenance Agreement Required: ☐ YES ☑ NO | | ☐ Slab | ☑ Crawl Space | |
| Trench Width: 36 | Trench Bottom Depth [redacted]: 36 MAX | | Gravel Depth: 0 | ☐ GRAVITY ☑ PRESSURE | ☐ Basement w/ Plumbing | ☐ Basement w/o Plumbing | |

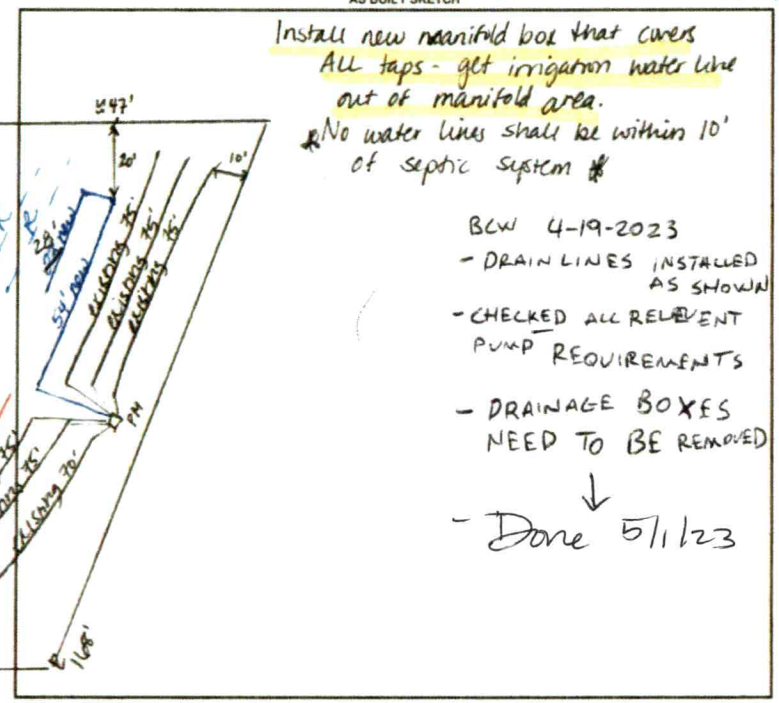
Comments / Conditions: Cap irrigation to back yard - at least 10' from tanks. Move catch basin behind spa so it is 25' from any part of drainfield. Move plumbing from damaged line & connect to new 54' line, feed 22' line below serially. Reset pressure, check alarm, electrical & floats. May vary trench bottom to fit footage as shown.

See original permit for remaining repair

INITIAL SITE SKETCH




AS BUILT SKETCH




Install new manifold box that covers ALL taps - get irrigation water line out of manifold area.
*No water lines shall be within 10' of septic system*

BCW 4-19-2023
- DRAIN LINES INSTALLED AS SHOWN
- CHECKED ALL RELEVENT PUMP REQUIREMENTS
- DRAINAGE BOXES NEED TO BE REMOVED
↓
- Done 5/1/23

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. Wrebey Date: 3/17/23

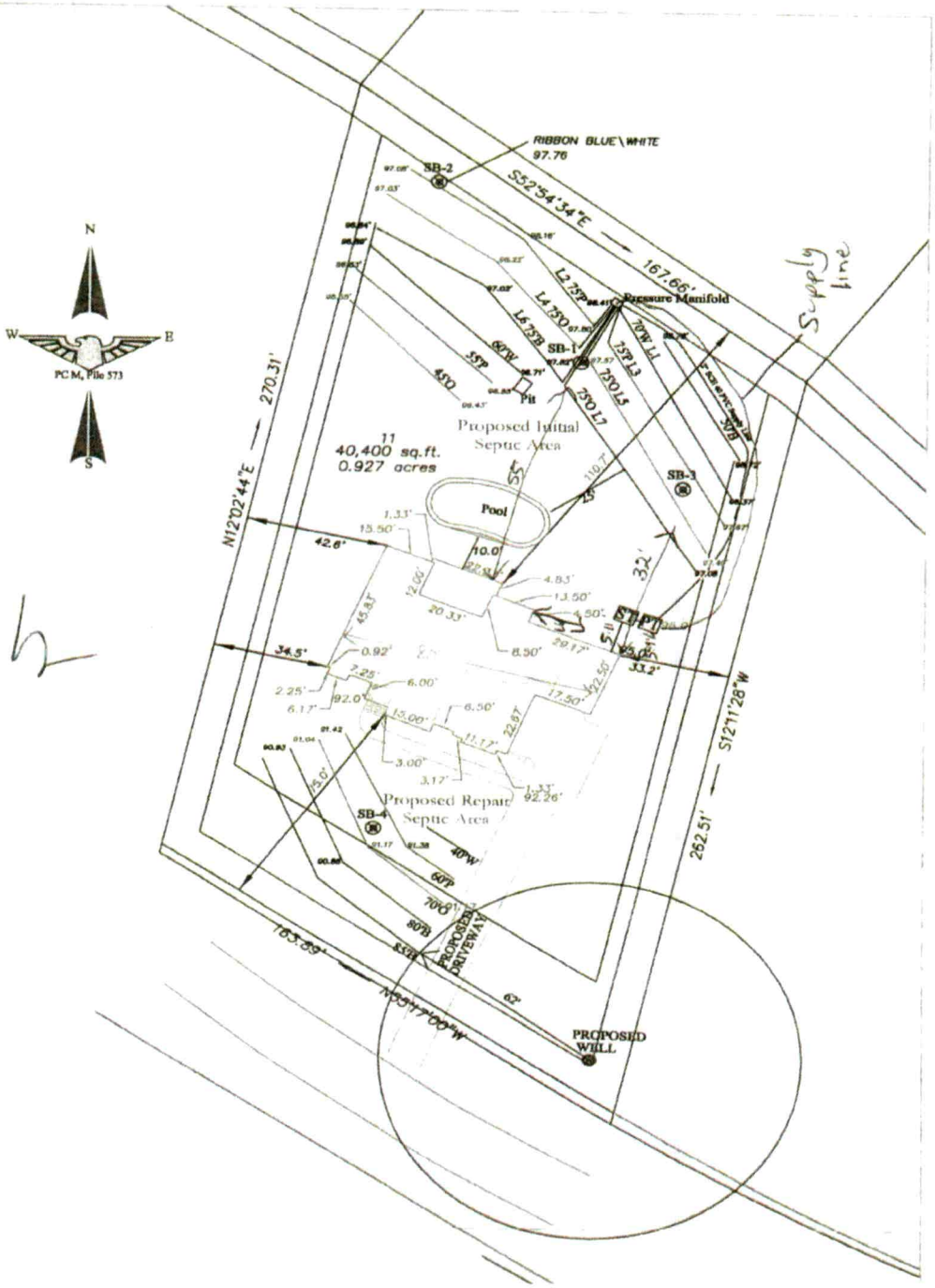
AUTHORIZATION TO CONSTRUCT by: D. Wrebey Date: 3/17/23

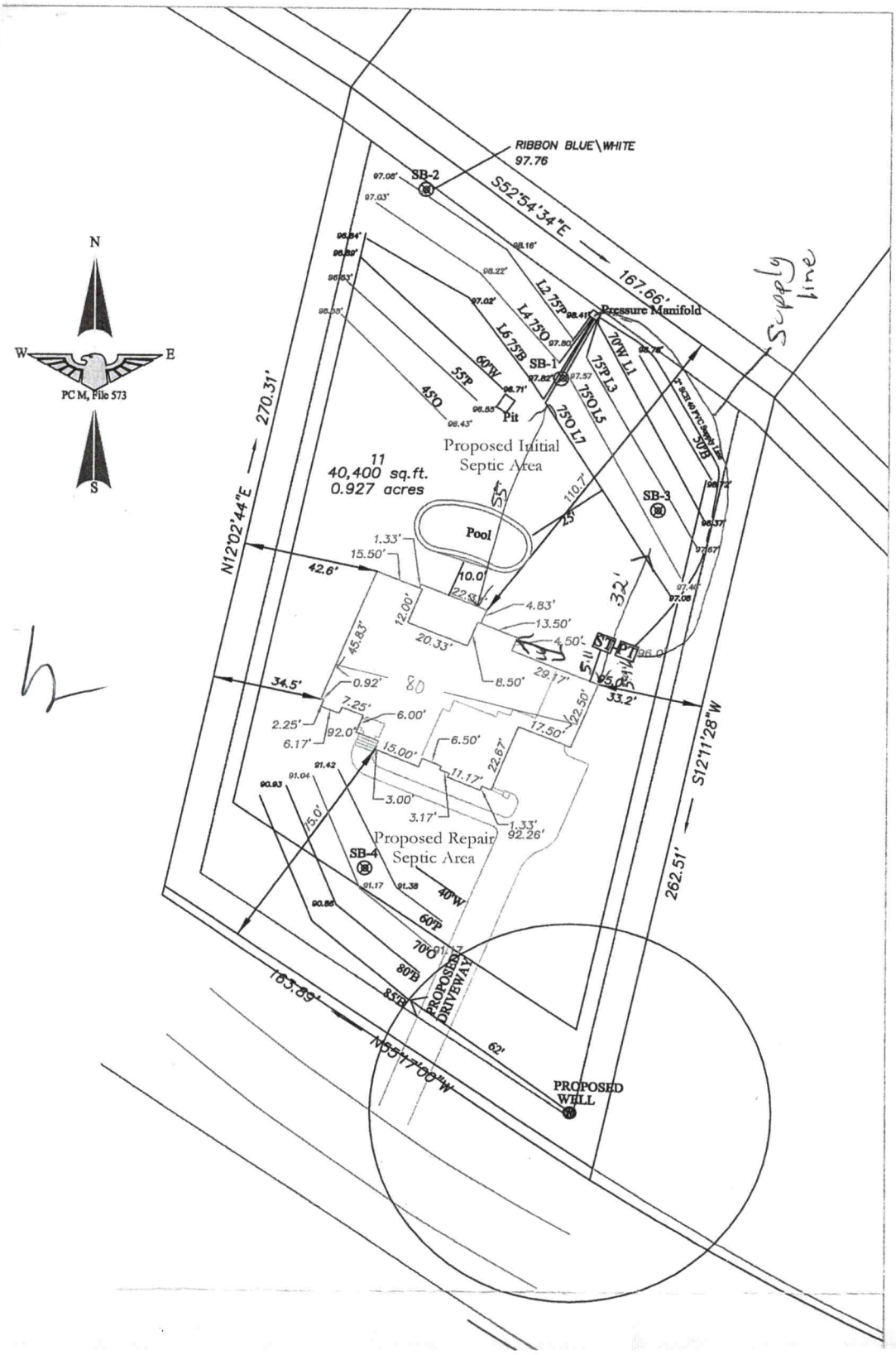
Installed By: GREENWAY WASTEWATER

OPERATION PERMIT by: D. Wrebey Date: 5/1/23

Existing System Inspected By: _____ Date: _____

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


RIBBON BLUE \ WHITE
97.76
SB-2
S52°54'34"E — 167.66'
Pressure Manifold
Supply line
SB-1
Proposed Initial Septic Area
40,400 sq.ft.
0.927 acres
Pool
SB-3
N12°02'44"E — 270.31'
S12°11'28"W
262.51'
Proposed Repair Septic Area
SB-4
PROPOSED DRIVEWAY
PROPOSED WELL
N09°17'00"W
183.89'
PC M, File 573
N
S
W
E


RIBBON BLUE\WHITE
97.76
SB-2
S52°54'34"E
167.66'
Supply line
Pressure Manifold
L2 75P
L4 75O
L6 75B
SB-1
60W
55P
45O
Pit
75P L3
75O L5
75O L7
70W L1
30B
SB-3
Proposed Initial Septic Area
11
40,400 sq.ft.
0.927 acres
N12°02'44"E
270.31'
Pool
42.6'
34.5'
55'
110.7'
45'
32'
33.2'
S12°11'28"W
262.51'
Proposed Repair Septic Area
SB-4
40'W
60'P
70'
80B
85B
PROPOSED DRIVEWAY
183.89'
N55°17'00"W
62'
PROPOSED WELL
N
W
E
S
PC M, File 573

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

Sheet 1 of 1
PROPERTY ID #: 4624344168
COUNTY: Iredell

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

Repair

OWNER: Anthony Trifiletti
ADDRESS: 214 Washam Rd Mooresville
PROPOSED FACILITY: 5BR
LOCATION OF SITE: 214 Washam Mooresville
APPLICATION DATE
DATE EVALUATED: 3/13/23
PROPOSED DESIGN FLOW (.1949): 600
PROPERTY SIZE: 0.927
PROPERTY RECORDED: 0.927

WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other existing
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) | | OTHER PROFILE FACTORS | | | | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| | | | .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | |
| 1 | | 0-17 | FILL | — | mica, sap incl common | 48" | N/A | N/A | PS 0.3 |
| | | 17-24 | SCL TRACE | SSSP-FR SERP | | | | | |
| | | 24-48 | C/CL-WSAM | " | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | — | 76' |
| System Type(s) | — | |
| Site LTAR | — | |

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Weber
OTHER(S) PRESENT: Adam W/ Greenway

COMMENTS:

# LEGEND

***use the following standard abbreviations***

| LANDSCAPE POSITION | GROUP | SOIL TEXTURE | CONVENTIONAL .1955 LTAR* | LPP .1957 LTAR* | MINERALOGY/ CONSISTENCE | STRUCTURE |
|---|---|---|---|---|---|---|
| CC (Concave Slope)<br>CV (Convex Slope)<br>D (Drainage Way)<br>DS (Debris Slump)<br>FP (Flood Plain)<br>FS (Foot Slope)<br>H (Head Slope)<br>L (Linear Slope)<br>N (Nose Slope)<br>R (Ridge)<br>S (Shoulder Slope)<br>T (Terrace) | I | S (Sand)<br>LS (Loamy Sand) | 1.2 - 0.8 | 0.6 - 0.4 | SEXP (Slightly Expansive)<br>EXP (Expansive) | G (Single Grain)<br>M (Massive)<br>CR (Crumb)<br>GR (Granular)<br>SBK (Subangular Blocky)<br>ABK (Angular Blocky)<br>PL (Platy)<br>PR (Prismatic) |
| | II | SL (Sandy Loam)<br>L (Loam) | 0.8 - 0.6 | 0.4 - 0.3 | | |
| | III | Si (Silt)<br>SiCL (Silty Clay Loam)<br>CL (Clay Loam)<br>SCL (Sandy Clay Loam)<br>SiL (Silt Loam) | 0.6 - 0.3 | 0.3 - 0.15 | | |
| | IV | SC (Sandy Clay)<br>SiC (Silty Clay)<br>C (Clay)<br>O (Organic) | 0.4 - 0.1<br>None | 0.2 - 0.05<br>None | **MOIST**<br>VFR (Very Friable)<br>FR (Friable)<br>FI (Firm)<br>VFI (Very Firm v. Very Sticky)<br>EFI (Extremely Firm) | **WET**<br>NS (Non-sticky)<br>SS (Slightly Sticky)<br>S (Sticky)<br>VS (Very Sticky)<br>NP (Non-plastic)<br>SP (Slightly Plastic)<br>P (Plastic)<br>VP (Very Plastic) |

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality

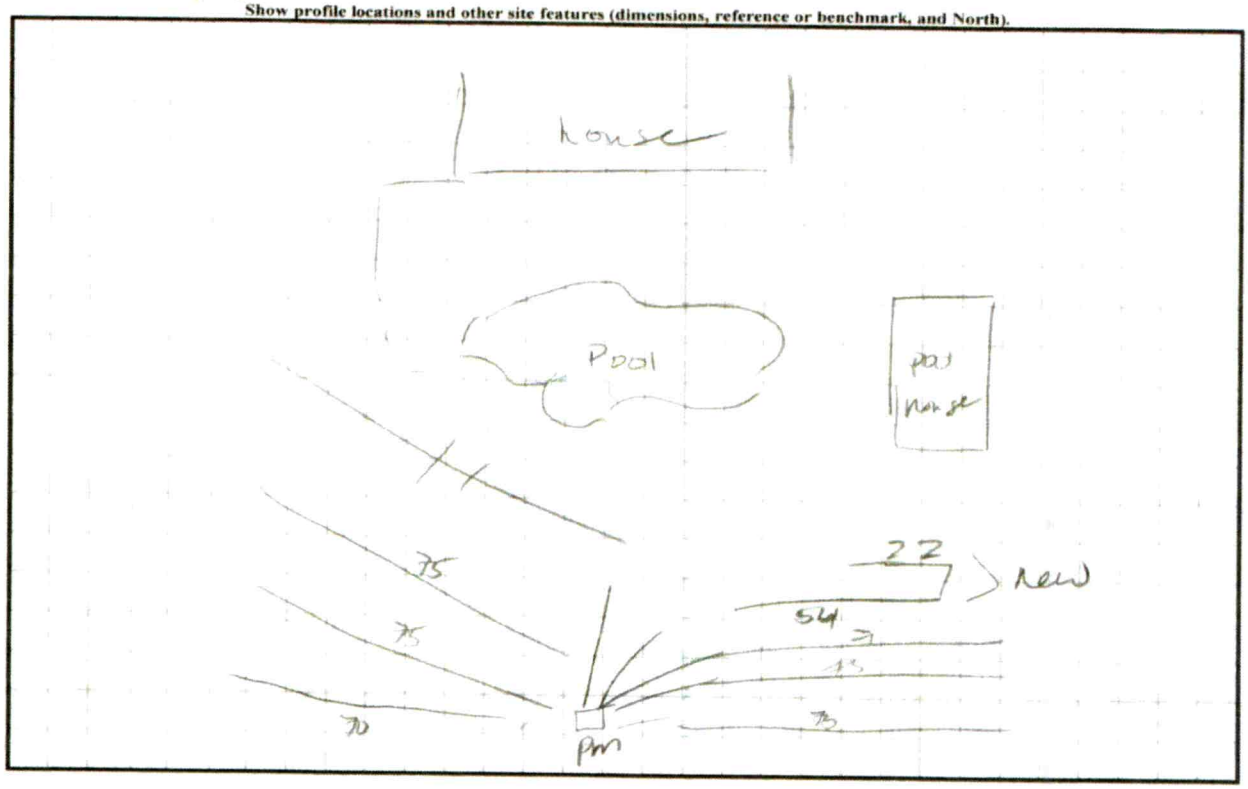
***NOTES***

| | |
|---|---|
| *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) |
| *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), PS (Provisionally Suitable), or U (Unsuitable) |

Evaluation of saprolite shall be by pits

Long-term Acceptance Rate (LTAR) gal/day/ft²

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



# IREDELL COUNTY HEALTH DEPARTMENT

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

## IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

B2P Old # 145841

PERMIT # 212269

✓ PIN # 4624-34-4168

APPLICANT: Killy Lamine / Linnane Homes APPLICANT ADDRESS: 7300 Carmel Executive Park Charlotte

✓ SITE ADDRESS: 214 Washam ~~Point~~ Rd - Mrsvl. PHONE: 704-400-9147 ALT. PHONE:

SITE DIRECTIONS: BSL TL 2ND Washam Point, on L

✓ SUBDIVISION: Washam Point SECTION: — LOT # 11 LOT AREA: .927 AC DESIGN FLOW: 600 L.T.A.R.: .3

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1500 | (gal) | STB | 338 | Date | 8-11-15 | ☑ New System | ☐ Repair | ☐ Expansion | System Type: I II III IV V VI | ☑ Residence | No. Bedrooms | 5 | Water Supply | |
| Pump Tank | 1500 | (gal) | PT | 477 | Date | 2-6-15 | System Description: | | | PM 25% Reduction | ☐ Business | No. Persons | | ☑ Private | |
| Pump Make | Liberty | | Model | FL 51M | | | Serial # | | | | ☐ Other | No. Employees | | ☐ Public | |
| # Nitrification Fields | 1 | | # Lines | 7 | Linear Ft: | 520' | Repair System Description: | | | Same | ☐ Slab | ☑ Crawl Space | | ☐ Community | |
| Trench Width | 36" | | Max. Trench Bottom Depth | 36" | Gravel Depth | — | Maintenance Agreement Required: | ☐ YES | ☑ NO | | ☐ Basement w/ plumbing | | | ☐ Basement w/o plumbing | |
| | | | | | | | | ☐ GRAVITY | ☑ PRESSURE | | | | | | |

Comments / Conditions: 10/2/15 Reviewed floor plans, in Compliance with Septic plan

#1760-I 3/11/16 Checked tanks, lines & Set 3ft head Used ADS for Drainfield MD

INITIAL SITE SKETCH

See Plan From Kenny Owens

AS BUILT SKETCH

| | Date | Initials |
|---|---|---|
| Drain Lines Checked | 3/11/16 | MD |
| Tanks Checked | 3/11/16 | MD |
| Pressure Manifold or Valve Box Checked | 3/11/16 | MD |
| Pressure Head Set | 3/11/16 | MD |
| Electrical Checked | 4-29 | BA |
| Floats Set | | |
| Alarm Checked | 4-29 | BA |
| Maintenance Contract Y (N) | | |

*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: 9-28-15 Installed by: Stevens Septic

IMPROVEMENT PERMIT by: APPROVED SEP 10 2015 Date: OPERATION PERMIT by: APPROVED APR 29 2016 Date:

AUTHORIZATION TO CONSTRUCT by: RS Date: 10/2/15 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

# PERMIT SNAPSHOT REPORT OSWP-2023-18389 FOR IREDELL COUNTY

| | | | | | |
|---|---|---|---|---|---|
| **Permit Type:** | Environmental Health OSWP | **Project:** | | **App Date:** | 03/08/2023 |
| **Work Class:** | EH Septic Improvement Permit Repair | **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:** | SEE INTERNAL NOTES. Septic field needs repairs. Damaged during pool installation. | | | | |

| | | |
|---|---|---|
| **Parcel:** 4624344168.000 Main | **Address:** 214 Washam Rd Mooresville, NC 28117 Main | **Zone:** R-20(Suburban Residential District) |

Applicant/Authorized Agent
Anthony Trifiletti
214 Washam Road
Mooresville, NC 28117
Mobile: (614) 260-3851

Property Owner
ANTHONY C II+MELISSA J TRIFILETTI

**Permit Custom Fields**

| | | | | | |
|---|---|---|---|---|---|
| How is your site plan being submitted | Custom Site Plan | Does the site contain any jurisdictional wetlands | No | Non-domestic Sewage Generated | No |
| Other Public Agency | No | What are the proposed structures | Other Addition/Structure, Swimming Pool | Maximum Number of Bedrooms | 5 |
| Number of Occupants | 4 | Foundation Type | Crawl Space Foundation | Water Supply | Existing Well |
| Desired Septic System Type | Conventional (most common) | If other septic system type, please explain | | If existing, Year existing system installed | 2016 |
| Additional Unique Setbacks Apply | No | | | | |

| Attachment File Name | Added On | Added By | Attachment Group | Notes |
|---|---|---|---|---|
| Signature_Anthony_Trifiletti_3/8/2023.jpg | 03/08/2023 10:54 | Trifiletti, Anthony | | Uploaded via CSS |
| 214 Washam Site Plan_v1.pdf | 03/08/2023 15:38 | Nebel, Barbara | Available Online | Site Plan |
| IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH_v1.pdf | 03/08/2023 15:38 | Nebel, Barbara | Available Online | Authorize to Act as Agent |

| Note | Created By | Date and Time Created |
|---|---|---|
| 1. Signed pool waiver on AP-315686 final 3/2/22 | Barbara Nebel | 03/08/2023 15:36 |

| 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** | | 03/08/2023 15:34 | 03/08/2023 15:34 |
| Confirm application complete v.1 | Generic Action | | 03/08/2023 15:34 |
| ~~**Zoning Review v.1**~~ | | | 03/08/2023 15:34 |
| ~~Iredell County Zoning Approval v.1~~ | Task | | 03/08/2023 15:34 |
| ~~Issue Invoice v.1~~ | Generic Action | | 03/08/2023 15:34 |
| ~~Fees Paid v.1~~ | Generic Action | | 03/08/2023 15:34 |
| Assign v.1 | | | |
| Case Assigned v.1 | Generic Action | | |
| Lot Readiness Verification v.1 | | | |
| OSWP Septic Preliminary Site Visit v.1 | Inspection | | |
| OSWP Site Evaluation v.1 | Inspection | | |
| Permit Ready v.1 | | | |