323102

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # RELAY-2022-5646

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

PIN # 4636-62-9434

APPLICANT / OWNER: OCONNELL WILLIAM | APPLICANT ADDRESS: 20210 RAINBOW CIRCLE, CORNELIUS, NC 28031

SITE ADDRESS: 188 WOODSTREAM CIR, MOORESVILLE, NC 28117 | PHONE: 7042318186 | ALT. PHONE: 7049045612

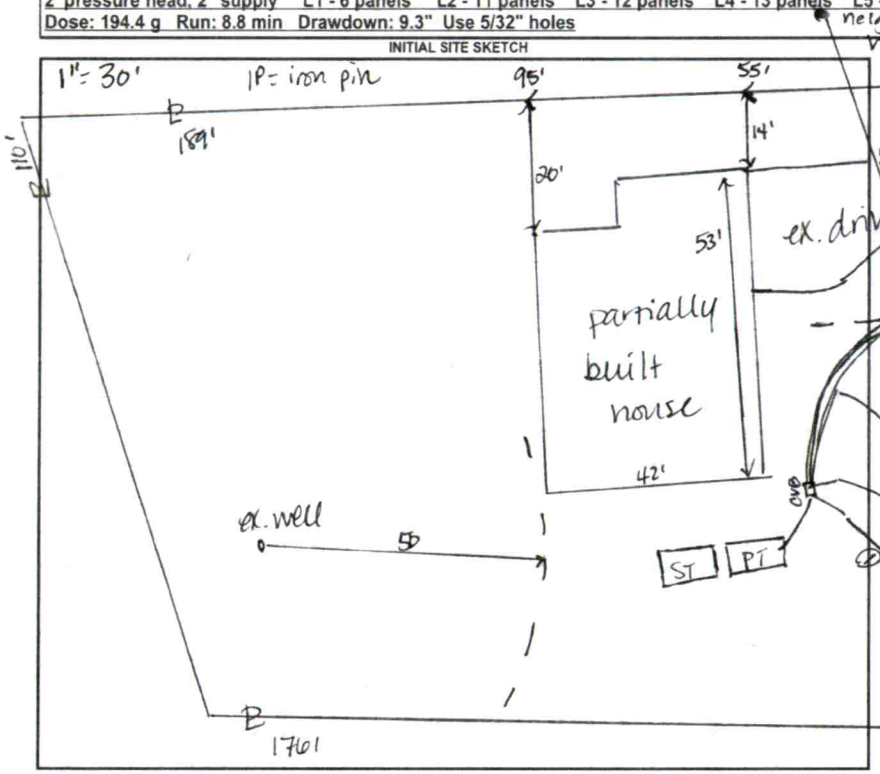
SITE DIRECTIONS: W Brawley School -> L Stutts -> L Woodstream Cir -> lot on R | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Norman Woods | SECTION: | LOT #: 47 | LOT AREA: 0.45 | DESIGN FLOW: 360 | L.T.A.R.: 0.25

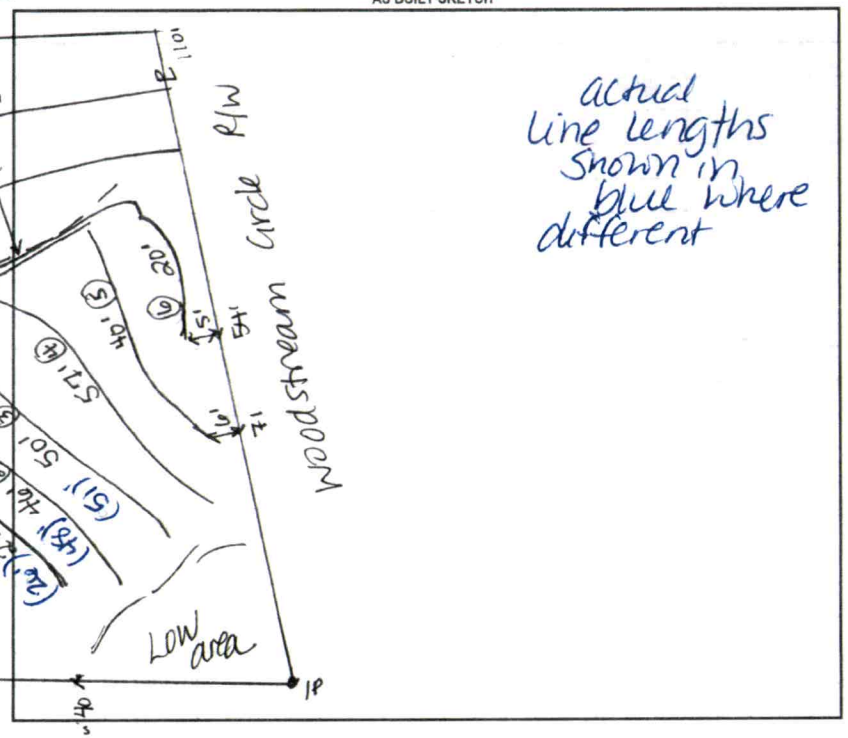
Septic Tank: 1000 (gal)	STB: 7606	Date: 9/10/22	☒ New System ☐ Repair ☐ Expansion	System Type: IV	☑ Residence	No. Bedrooms: 3	Water Supply: New Well
Pump Tank: 1000 (gal)	PT: 3603	Date: 9/18/22	System Description: LP-VPPBPS		☐ Business	No. Persons: 6	
Pump Make:	Model:	Serial #:	Repair System Description: Exempt - deed 1968		☐ Other	No. Employees: 0	
# Nitrification Fields: 1	# Lines: 6	Linear Ft.: 240	Maintenance Agreement Required: ☑ YES ☐ NO		☑ Slab	☐ Crawl Space	
Trench Width: 24	Trench Bottom Depth (Low side): 30		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not pave, grade, park, or bury utilities in drain field. Divert all drainage from drainfield, install on contour. May be 5' off front property line, use 8' centers.
2' pressure head, 2" supply L1 - 6 panels L2 - 11 panels L3 - 12 panels L4 - 13 panels L5 - 9 panels L6 - 4 panels
Dose: 194.4 g Run: 8.8 min Drawdown: 9.3" Use 5/32" holes

INITIAL SITE SKETCH



AS BUILT SKETCH



actual line lengths shown in blue where different

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: _____ Installed By: Jake Williams

IMPROVEMENT PERMIT by: D. Weberg Date: 10/21/22 OPERATION PERMIT by: by WH Date: 12/6/22

AUTHORIZATION TO CONSTRUCT by: D Weberg Date: 10/21/22 Existing System Inspected By: _____ Date: _____

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

	Date	Initials
Drain Lines Checked	10/28/22	DW
Tanks Checked	10/28/22	DW
Pressure Manifold or Valve Box Checked		BB
Pressure Head Set		BB
Electrical Checked	11/23/22	CW
Floats Set		BB
Alarm Checked	11/23/22	CW
Maintenance Contract (Y) / N	12/6/22	CW

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 223102

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

PIN # 4636 -- 62 -- 9434

APPLICANT/OWNER: William O'Connell | APPLICANT ADDRESS: 20210 Rainbow Circle, Cornelius NC 28031

SITE ADDRESS: 188 Woodstream Circle, Mooresville, NC 2811 ± | PHONE: 704-904-5613 | ALT. PHONE 954-663-8937

SITE DIRECTIONS: (W) Brawley School Rd → (L) Shutts → (L) Woodstream Cir → lot on (R) | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Norman Woods | SECTION: ___ LOT # 47 LOT AREA: 0.45 ac | DESIGN FLOW: 360 gpd L.T.A.R.: 0.25

Septic Tank	1000 (gal)	STB	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	1000 (gal)	PT	Date	System Description:	504 Reduction -PM			☐ Business	No. Persons 6
Pump Make		Model	Serial #	Repair System Description:	Repair Exempt (dated 1968)			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	7	Maintenance Agreement Required:	☐ YES	☒ NO		☒ Slab	☐ Crawl Space
Trench Width	24" min.	Trench Bottom Depth(Low side)	30"	Linear Ft: 240'	Gravel Depth N/A	☐ GRAVITY	☒ PRESSURE	☐ Basement w/ plumbing	☐ Basement w/o plumbing

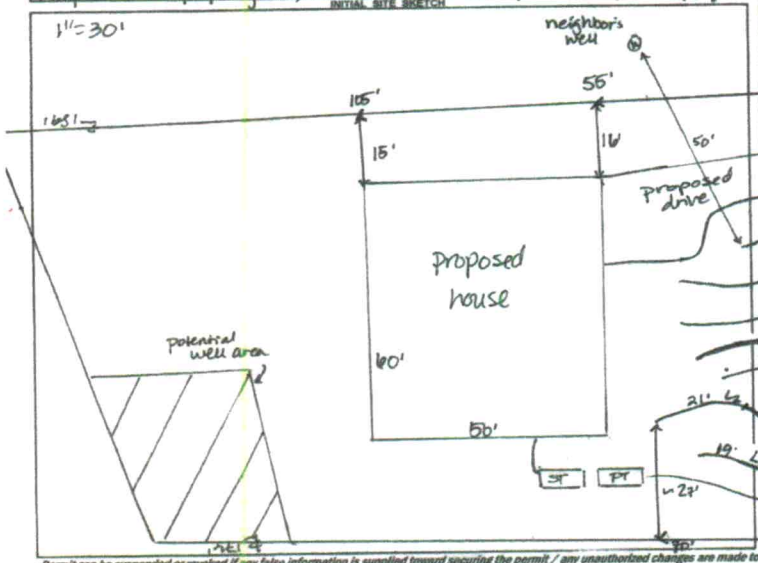
Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Do not pave, grade, drive, park, or bury utilities in drainfield. Divert all drainage from drainfield. May be 5' off property line, use 8' centers. 2" pressure head, 2" supply

L_1 & L_2 = 1½" SCH 80 each | L_3 & L_7 = 1½" SCH 40 each | L_4 & L_6 = ¾" SCH 80 each | L_5 = ¾ SCH 40

Dose = 190.8 g | Flow = 57.9 gpm | Run Time = 3.3 min. | Drawdown = 9"

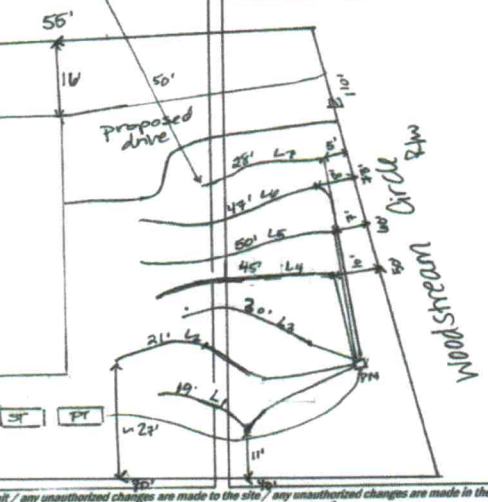
INITIAL SITE SKETCH



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.

L_1 & L_2 = 4 panels each
L_3 = 7 panels
L_4 = 10 panels
L_5 & L_6 = 11 panels each
L_7 = 6 panels
53 total



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☐ 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: William OConnell Date: 2-4-22 | Installed by: | Date:

IMPROVEMENT PERMIT by: D mieberg Date: 1/19/22 | OPERATION PERMIT by: | Date:

AUTHORIZATION TO CONSTRUCT by: D mieberg Date: 4/28/22 | Existing System Inspected by: | Date:

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

① = 6 panels
② = 11 panels /10 ?
③ = 12 panels
④ = 13 panels
⑤ = 9 panels
⑥ = 4 panels

Dose = 194.4 g
Run = 8.78 min
Drawdown = 93"

2" pressure
2" supply



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

Sheet 1 of 1
PROPERTY ID #: 4636629434
COUNTY: Iredell

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

plat 1968

OWNER: Ana Maria Quintero
ADDRESS: 2905 Cuckie Rd, Weston FL
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: 188 Woodstream Circle, Mooresville
APPLICATION DATE 10
DATE EVALUATED: 12/13/21
PROPERTY SIZE: 0.45
PROPERTY RECORDED: yes 1968

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

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 8%	5	CL	SSBP-FR-SEXP	10YR 6/6	52"	N/A	N/A	PS
		5-44	C-SBK some ABK	SSSP-FR/FI-SEXP					0.25
		44-52	CL-SBK	SSSP-FR-SEXP	minor mn numerous litho incl., some YB 29"+ - soil very tight				
2	LS 8%	0-5	CL-SBK	SSSP-FR-SEXP		51"	N/A	N/A	PS
		5-45	C-SBK/ABK	SSSP-FR/FI-SEXP					0.25
		45-51	CL-SBK	SSSP-FR-SEXP	very tight litho & YB mott in 36"+		common		
3	LS 3%	0-6	CL-SBK	SSBP-FR-SEXP		52"	N/A	N/A	PS
		6-42	C-~~SBK/ABK~~	SSSP-FI/FR-SEXP					0.25
		42-52	CL-SBK	SSSP-FR-SEXP	litho & YB mott incl 30"+				
4	LS 5%	0-18	FILL	—		52"			PS
		18-46	C-ABK/SBK	SSSP-FR-FI-SEXP					0.25
		46-53	CL-SBK	SSSP-FR-SEXP	some peds >1" to 30" YB/litho 30"+ mott inc				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	241'	exempt
System Type(s)	50% RM	—
Site LTAR	0.25	0.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Weaver
OTHER(S) PRESENT: D. Beane

COMMENTS:

PERMIT SNAPSHOT REPORT RELAY-2022-5646
FOR IREDELL COUNTY

Permit Type: EH Re-layout
Work Class: EH Comprehensive
Status: In Progress
Valuation: $0.00
Description: Intermediate relayout

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Wieberg, Danielle

App Date: 09/28/2022
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4636629434.000 Main

Address: 188 Woodstream Cir Main
Mooresville, NC 28117

Zone: R-20(Suburban Residential District)

Applicant/Authorized Agent
COLONY CONSTRUCTION INC
20210 rainbow circle 10221
MEADLOW CROSSING LANE
CORNELIUS, NC 28031
Business: (704) 231-8186

Applicant/Authorized Agent
OCONNELL WILLIAM
20210 RAINBOW CIRCLE
CORNELIUS, NC 28031
Business: (704) 904-5612

Property Owner
OCONNELL WILLIAM
20210 RAINBOW CIRCLE
CORNELIUS, NC 28031
Business: (704) 904-5612

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	All proposed structure dimensions	50 x 60	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	3	Number of Occupants	6
Foundation Type	Concrete Slab Foundation	Residential/Business/Other	Residential	Number of Employees	0
Total number of seats	0	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Additional Unique Setbacks Apply	No		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_william_oconnell_9/28/2022.jpg	09/28/2022 9:17	oconnell, william		Uploaded via CSS

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2022-24373	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	10/10/2022			10/10/2022 8:38	10/10/2022 8:38

Inspectors: Kobuck, Teanna (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00003140	Comprehensive Gravity System Re-layout	$320.00	$320.00
	Total for Invoice INV-00003140	$320.00	$320.00
	Grand Total for Permit	**$320.00**	**$320.00**

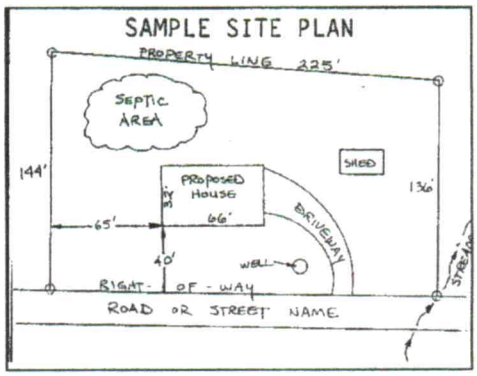
Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		10/04/2022 0:00	10/04/2022 12:11
Confirm application complete v.1	Generic Action		10/04/2022 12:11
Fees v.1		10/04/2022 0:00	10/07/2022 11:14
Issue Invoice v.1	Generic Action		10/04/2022 12:11
Fees Paid v.1	Generic Action		10/07/2022 11:14
~~**Zoning Review v.1**~~			10/04/2022 12:11
~~Issue Invoice v.1~~	Generic Action		10/04/2022 12:11

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*



Place an (X) beside each item as you complete the site plan:

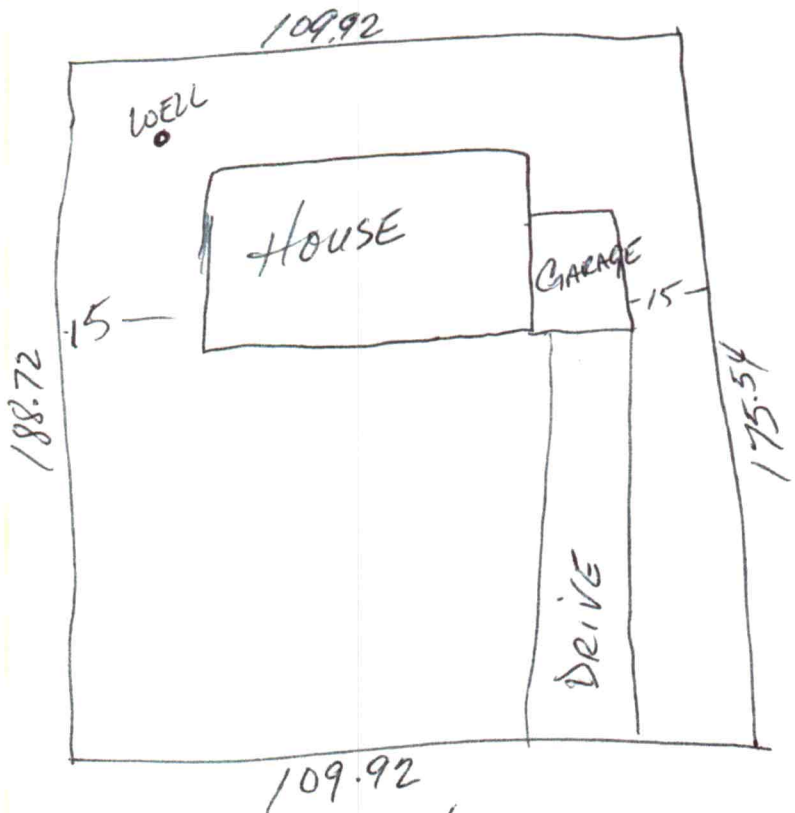
- ( ) **Property Line measurements are clearly identified**
- ( ) **All proposed structures are indicated**
- ( ) **Front and side setbacks from property line**
- ( ) **Preferred driveway location and well location**
- ( ) **Area you prefer your septic system to be placed**
- ( ) **North arrow, or other sufficient indicator of direction**

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	**N/A**
Location of easements and rights of ways on your property	**N/A**
Location of any designated wetlands on the property	**N/A**

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site



188 WOODSTREAM CIRCLE

Signature: William O'Connell pres. Colony Const Inc 9-27-22

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

PERMIT SNAPSHOT REPORT (RELAY-2022-5646)

~~Fees Paid v.1~~	Generic Action		10/04/2022 12:11
Lot Readiness Verification v.1		10/11/2022 0:00	
OSWP Septic Preliminary Site Visit v.1	Inspection	10/11/2022 0:00	10/11/2022 8:38
OSWP Site Evaluation v.1	Inspection		
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		