



STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
GROUND WATER DISCHARGES SECTION
ENGINEER'S INSPECTION REPORT

Dover Office
serving Kent and New Castle Counties
Tel: (302) 739-9947 * Fax: (302) 739-7764

Georgetown Office
serving Sussex County
Tel: (302) 856-4561 * Fax: (302) 856-5088

PERMIT #: 639728-03 TAX MAP #: 230-07.00-46.00
AUTH #: 5483 PERMITTEE: PINEVALE LEEWARD, LP
PROPERTY LOCATION: PINE HAVEN ROAD, LINCOLN, DE 19960
DESIGNER: MICHAEL COTTEN P.E. LIC #: 4483 PHONE #: 302-628-9164
COTTEN ENGINEERING LLC
CONTRACTOR: CLEAN DELAWARE INC. / DAN CLEARY LIC #: 3276 PHONE #: 302-684-4221
DATE / TIME OF SYSTEM REVIEW: 10/13/2026 11:00

SEPTIC TANK

New ☒ Existing ☐
Level ☒ yes ☐ no
Size (New) SEE DESIGN gal.
Size (Existing) SEE DESIGN gal.
Bldg 10 ft. Well >150 ft.
Watercourse NA ft.
Baffles ☒ yes ☐ no
Filter ☒ yes ☐ no
Risers ☒ yes ☐ no
Comments

SEE DESIGN DRAWINGS

DRAINFIELD

Bed # Trenches DRIP
Length of B or T ft.
Width of B or T ft.
Depth of B or T in.
Depth to top of Stone/Chamber in.
SEE DESIGN DRAWINGS
Depth to top of Pipe 6" in.
Piping Level ☒ yes ☐ no
Dams per Plan NA yes ☐ no
Stone Thickness NA in.

Isolation Distances

Bldgs 10 ft. Wells >150 ft.
Trees 5 ft. Prop Lines >20' ft.
Easements 25' ROAD
Watercourses NA
Location per Plan ☒ yes ☐ no

GPS Points for Drainfield SEE SITE PLAN
TANKS AND DRIP FIELDS WERE

SURVEYED IN FOR CONSTRUCTION PER PLAN

Comments

DOSING TANK

Size 10,800 gal.
Inside Dimensions
L SEE AS-BUILT H
Vent Installed ☐ yes ☐ no
Diameter in.
Height in. above grade
Pump(s) # Model
Screened ☐ yes ☐ no
Check Valve ☐ yes ☐ no

Electrical

Alarm Sep. Circuit ☐ yes ☐ no
Wiring Complete ☐ yes ☐ no
Alarm Loc.
Pressure Tested ☒ yes ☐ no
Floats On ☒ yes ☐ no
Off ☒ yes ☐ no
Alarm ☒ yes ☐ no

Isolation Distances

Bldg 10 ft. Well >150 ft.
Watercourses NA ft.
Comments

PIPING

Manifold Length PER PLAN, WITH ft.
Manifold Diameter TRACE WIRE in.
Trans. Length SEE DESIGN ft.
Trans. Diameter in.
PVC Sch 40 ☐ yes ☐ no
of Laterals
Spacing of Laterals ft.
Holes per Lateral
Spacing of Holes in.
Diameter of Holes in.
Joints Glued ☐ yes ☐ no

Comments SYSTEM WAS CHECKED OUT FOR
START UP BY MFG.

9/30/2026-10/2/2026

GENERAL COMMENTS:

REFER TO PURASYS
OPERATIONS MANUAL
AND POINT WATCH
INFORMATION

SYSTEM IS COMPLETE AND BUILT WITHIN
THE DESIGN PARAMETERS, ENTIRE SYSTEM
WAS SURVEYED LOCATED FOR
CONSTRUCTION. TANK SIZES WERE
INCREASED TO IMPROVE OPERATIONS

As-Built Required ☒ yes ☐ no

Reason for As-Built

BUILDING LAYOUT FOR EASE OF
OPERATIONS, ADDED POINT WATCH SYSTEM
CERTIFICATE OF CONSTRUCTION

The undersigned Class E System Contractor hereby attests that all construction specified in the permit and conditions has been completed using accepted construction techniques and installation practices as specified in The Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems.

Signature of Class E System Contractor

The Class C Designer (or Designee) has examined all visible on-site wastewater treatment and disposal system components on 3/10/26 (dates) THRU 10/13/26 and issues this Engineer's Inspection Report in the belief that the system is installed in conformance with the DNREC permit. All observed deviations from this permit are noted on the as-built drawing.

This On-Site Wastewater Treatment and Disposal System substantially conforms to the approved permit conditions: ☒ yes ☐ no

Class C Designer (or Designee) Signature:

Date: