SEPTIC DESIGNER CERTIFICATION SCHEDULE

***Space is limited***

Applications for exams must be accepted by NHDES Subsurface Systems Bureau prior to attending the exam.

Written notification of acceptance or return will be mailed to the address provided on the application. Previous applications will not be accepted.

Deadline for all applications is September 20, 2022

Exam location: DEPARTMENT OF ENVIRONMENTAL SERVICES
29 Hazen Drive, Concord, NH.

Directions

Designers Exam

Exams are open book. Please bring necessary documents and items, such as a 1:20 scale, a copy of the rules, pen/pencil, calculator, etc.

**NHDES staff will not provide any materials for the exam.

**Please note that cell phones are prohibited in the exam room.

**Please read the Exam Propocols.

REQUIRE Knowledge FOR THE EXAM:

➢ Knowledge of septic system design procedures / practices, knowledge of soil test pit evaluation and hydric soil determination.

➢ Ability to determine wastewater flow for a proposed design.

➢ Ability to determine the size of system components.

➢ Ability to draw an ISDS design by hand.

➢ Knowledge of the design intent.

➢ Knowledge of required setbacks.

➢ Knowledge of lot loading requirements.

➢ Knowledge of the 50% rule.

➢ Knowledge of the minimum requirements for a design.

The best way to gain knowledge of how to design a septic system is to apprentice with a permitted designer. Knowledge of all aspects of the design process is incorporated into the exam.

EXAM DATES
October 10, 2022 and October 12, 2022. There will be one exam per day starting at 8:30 am and ending at 3:30 pm.

The dates will be filled on a first come, first served basis. Please mail in your application to take this exam instead of coming to the office in person. We will register people an a first come first serve basis using the postmark date of your application.

A date will be assigned after the application has been accepted. Written notification of the date and your acceptance will be mailed to you or emailed to you, if preferred.
REQUIRED READING:

➢ State of NH Subdivision and Individual Sewage Disposal System Design Rules
➢ USDA-NRCS web soils survey (WSS), http://websoilsurvey.sc.egov.usda.gov
➢ Field Indicators for Identifying Hydric Soils in New Hampshire, https://sites.google.com/view/nehstc/home
➢ Soil Manual for Site Evaluation in New Hampshire or
➢ Field Book for Describing and Sampling Soils (NRCS) version 3.0 online
  USDA-NRCS National Soil Survey Center - Available on-line at no charge:

PUBLICATIONS AND APPLICATION FORMS ARE AVAILABLE ONLINE

Designer Application: https://onlineforms.nh.gov/?FormTag=NHDES-W-05-002

Please read all the information on the application carefully, to insure the application is not returned for not being complete.

Publications are available online or from the sources listed in the Required Reading section above.

Copies of the Rules are available from the Subsurface Bureau. Please call for applicable fees:

NHDES Subsurface Systems Bureau
PO Box 95, 29 Hazen Drive
Concord, New Hampshire 03302-0095
Please call for applicable fees and mailings (603) 271-3501

DESIGNER EXAM PROTOCOLS

• The exam will begin at 8:30 a.m and end at 3:30pm. Please arrive at 29 Hazen Drive around 8:00 am. Please practice proper social distancing at all times.

• You must present a valid photo ID to be allowed to enter the building.

• You may not leave the exam room unless escorted by Subsurface System Bureau staff. Leaving the building during the exam is not allowable due to restricted entry requirements.

• Subsurface System Bureau staff will not provide any materials to you other than the exam. Please be sure to bring all materials you will need (e.g., pens, pencils, engineering scale, scratch paper, calculator, reference books, etc.) to the exam. Cell phones are not allowed to be used and must be either left in your vehicle or turned off and left off the exam table.

• Please bring your lunch