

Proposed Non-minor Revisions to NHDES Env-Wq 1000

Last Updated: September 19, 2025

Env-Wq 1001 PURPOSE; APPLICABILITY; WAIVERS; STATUTORY DEFINITIONS

- Env-Wq 1001.03 [Waivers]: Removed encroachment waiver; added link to electronic form; waiver criteria revised

Env-Wq 1002 DEFINITIONS

- Env-Wq 1002.02 [Applicant]: Revised
- Env-Wq 1002.03 [Applicant's Agent]: Removed
- Env-Wq 1002.05 [Basal Area]: Added
- Env-Wq 1002.09 [Cesspool]: Revised
- Env-Wq 1002.10 [Chamber system]: Revised
- Env-Wq 1002.12 [Commercial]: Revised
- Env-Wq 1002.20 [Drainage ditch]: Added
- Env-Wq 1002.29 [Full-Time Use or full-time occupancy]: Added
- Env-Wq 1002.31 [Gravity grease interceptor]: Added
- Env-Wq 1002.32 [Grease interceptor]: Revised
- Env-Wq 1002.36 [Hydromechanical grease interceptor]: Added
- Env-Wq 1002.39 [Increase the load on a sewage disposal system]: Revised
- Env-Wq 1002.40 [Individual sewage disposal system]: Revised
- Env-Wq 1002.41 [Large system]: Removed
- Env-Wq 1002.44 [Marshes]: Removed
- Env-Wq 1002.47 [Mounding Analysis]: Added
- Env-Wq 1002.61 [Residence]: Revised
- Env-Wq 1002.67 [Shoreland frontage]: Revised
- Env-Wq 1002.66 [Small system]: Removed
- Env-Wq 1002.75 [Surface waters]: Added
- Env-Wq 1002.80 [Wastewater characteristics]: Added
- Env-Wq 1002.82 [Water well contractor]: Added
- Env-Wq 1002.83 [Well]: Added
- Env-Wq 1002.78 [When land is exchanged between abutters]: Removed

Env-Wq 1003 APPLICATIONS FOR SUBDIVISION OR ISDS APPROVAL

- Env-Wq 1003.01 [Submission of Applications Required Prior to Commencement of Work]: Added submission requirement
- Env-Wq 1003.02 [Preparation of Plans; Seals Required]: Removed references to agents, homeowner ISDS designs; revised situations when a PE is required
- Env-Wq 1003.03 [Format of Plans]: Revised plan margins, paper sizes and minimum plan scales
- Env-Wq 1003.04 [Administratively Complete Application]: Added criteria for an administratively complete application
- Env-Wq 1003.05 [Required Signatures and Certifications]: Revised to reference electronic form; removed reference to signer penalty; removed reference to PDF application requirement
- Env-Wq 1003.06 [Information Required for Subdivision Applications]: Revised to reference electronic form
- Env-Wq 1003.07 [Plans Required for Subdivision Applications]: Revised through-out including referencing Lan rules, referencing vertical datum, requirements for generation of topography, delineation of wetlands and surface waters, protective well radius
- Env-Wq 1003.12 [Information Required for ISDS Applications]: Revised to reference electronic form; added requirement for failed ITA notification

- Env-Wq 1003.13 [Plans Required for ISDS Applications]: Revised through-out including requirements for generation of topography, content of plan and profile, location of benchmark and ties; design intent language revised
- Env-Wq 1003.16 [Additional Requirements if Encroachment Waiver is Required]: Removed

Env-Wq 1004 APPROVALS; INSTALLATION; REPLACEMENT OF ISDS COMPONENTS; EXPANSIONS

- Env-Wq 1004.01 [Subdivision and ISDS Application Processing]: Revised reference to electronic form; revised requirements for deficient applications; added extension request; added RFMI denial process
- Env-Wq 1004.02 [Executed Easements]: Added requirement to show easements on site plan; added requirements for nitrate and lot loading easements
- Env-Wq 1004.04 [Processing of Encroachment Waiver Applications; Criteria]: Removed
- Env-Wq 1004.04 [Alteration of Subdivisions After Approval]: Added criteria for when a subdivision can be changed after approval
- Env-Wq 1004.06 [ISDS Inspection Required]: Added foundation alternatives; added critical well installation prior to inspection; added partial inspection criteria; added homeowner installation requirements for new construction
- Env-Wq 1004.07 [Modifying an ISDS Design After Construction Approval]: Revised through-out including when amended plans or new approvals are required and when a new designer can assume responsibility for an application
- Env-Wq 1004.08 [Approval to Operate for ISDS Having Multiple Connections To A Single EDA]: Clarified when plans get amended and when new approval is required
- Env-Wq 1004.09 [Approval to Operate for P.E.-Required ISDS]: Added list of items to be inspected during construction
- Env-Wq 1004.12 [Expiration of Construction Approvals; Retention of Plans]: Removed application discarding; revised extension notification requirements; added additional extension
- Env-Wq 1004.13 [Installation of Well in Undesignated Location]: Added requirements for relocation of a well from an approved plan and how it affects construction approvals and loading
- Env-Wq 1004.15 [Transfer of Construction Approvals]: Revised to reference electronic form
- Env-Wq 1004.16 [Suspension or Revocation of Approvals]: Added requirement for adjudicative proceeding
- Env-Wq 1004.17 [Repair or Replacement of Existing Residential ISDS]: Revised to reference electronic form; added existing conditions plan requirements; removed reference to homeowner application submittal; added section for repair of pipe and d-boxes
- Env-Wq 1004.19 [Replacement of Systems in Failure; Pumping Required]: Clarified requirements when an ISDS is in failure; increased duration of construction approvals for failed septic systems and extensions
- Env-Wq 1004.20 [When Installation of Replacement ISDS Required]: Added option and requirements for unapproved ISDS
- Env-Wq 1004.21 [Expansion, Relocation, or Replacement of Existing Structures]: Added reference to RSA and removed duplicate RSA language
- Env-Wq 1004.22 [Expansion of Existing Use, Including Conversion to Full-Time Occupancy]: Revised to match RSA language; added date of full-time use or occupancy; removed homeowner installation reference
- Env-Wq 1004.24 [Full-Time Use or Occupancy]: Moved to definitions and removed

Env-Wq 1005 SUBDIVISIONS, LOT SIZES, AND LOT LOADING

- Env-Wq 1005.02 [Lot Size]: Excludes building from 4,000 SF area; revised language for easements; added language regarding land slope
- Env-Wq 1005.03 [Minimum Lot Sizes]: Removed lot areas in the soil group table and references to them; revised soils groups descriptions; revised off-site EDA lot sizing; revised areas to be removed from loading calculations
- Env-Wq 1005.04 [Open Space/Conservation Subdivisions]: Added language regarding conservation restriction
- Env-Wq 1005.11 [Non-Building Lots]: Changed easement to restriction through-out

Env-Wq 1006 TEST PITS

- Env-Wq 1006.06 [Logging, Submission and Verification of Test Pit Data]: Added requirement for test pits to be stamped; clarified how non-applicant test pits can be used
- Env-Wq 1006.08 [Additional Test Pits Required]: Revised when new test pits are required

Env-Wq 1008 DESIGN REQUIREMENTS FOR ALL SYSTEMS

- Env-Wq 1008.01 [Lot Loading]: Revised date of grandfathering lot loading to 9/1/1989; removed residential requirement for undeveloped lots; removed low flow fixture requirement for condominiums
- Env-Wq 1008.02 [System Capacity; Number of EDAs Minimum Design Flow]: Added additional requirements for EDA over 2,500 GPD and 5,000 GPD including groundwater mounding analysis methods specified and equal distribution
- Env-Wq 1008.03 [Daily Flow Volume]: Added section specific definitions; revised parameters for using metered flows; revised daily flows for campgrounds, camps, rooming houses, drive-through restaurants, manufactured housing parks, public restrooms, recreational facilities, senior housing; clarified combination of flows
- Env-Wq 1008.04 [Minimum Distances]: Revised setback table throughout including incorporating sections regarding swimming pools, open drainage and foundation drains; removed section regarding change in house location; removed section regarding setbacks to water supplies
- Env-Wq 1008.05 [Nitrate Setbacks to Property Lines]: Added requirement for groundwater easements to be shown on ISDS plans; revised setbacks for replacement systems for flows before 9/1/1989
- Env-Wq 1008.06 [Protective Well Radii – Distances]: Added rule reference for public well sources; removed section regarding protective well recognition
- Env-Wq 1008.07 [Protective Well Radii – Uses]: Added reference to water well rules; added pipe joint requirement
- Env-Wq 1008.08 [Requirements for and Recognized Extent of Protective Well Radii]: Removed language that duplicated RSA and added citations to RSA and Water Well Board rules; added public road to land precluded from development; removed sections regarding well encroachment
- Env-Wq 1008.10 [Non-conforming Protective Well Radii]: Removed
- Env-Wq 1008.11 [Recordation of Descriptive Location of Well]: Removed
- Env-Wq 1008.12 [Standard Release for Protective Well Radii]: Removed
- Env-Wq 1008.10 [Easements and Flowage Easements]: Added language regarding easements for owners of abutting lots

Env-Wq 1009 SEWER LINES

- Env-Wq 1009.06 [Slope of Pipe]: Added pipe slope equivalents

Env-Wq 1010 SEPTIC TANKS

- Env-Wq 1010.01 [Liquid Capacity of Septic Tanks: Residential Use]: Revised tank sizing throughout
- Env-Wq 1010.02 [Septic Tank Capacity for Commercial Use and Combined Uses]: Revised tank sizing throughout; clarified sizing for mixed commercial and residential flows
- Env-Wq 1010.05 [Access to Interior of Septic Tank]: Added requirement that covers have a handle; revised and added requirements regarding risers and covers
- Env-Wq 1010.07 [Inlet and Outlet Baffle]: Revised baffle installation requirements; revised inlet baffle length
- Env-Wq 1010.11 [Compartments]: Added requirement that each compartment requires a baffle
- Env-Wq 1010.14 [Replacement of Septic Tanks]: Revised when a tank can be replaced or reused
- Env-Wq 1010.15 [Re-use of Septic Tanks]: Added section

Env-Wq 1012 GREASE INTERCEPTORS AND FLOOR DRAINS

- 1012.01 [Grease Interceptors Required]: Revised when a grease trap is required
- 1012.02 [Types of Grease Interceptor Required]: Added requirements for hydromechanical interceptor
- 1012.03 [Gravity Grease Interceptor Design Requirements]: Reduced minimum gravity grease interceptor size to 500 gallons

Env-Wq 1013 SEWAGE PUMPS, EFFLUENT PUMPS, AND SIPHONS

- Env-Wq 1013.04 [Wiring for Pumps and Alarms]: Revised electrical wiring requirement
- Env-Wq 1013.05 [Municipal Sewer Pumps]: Added section

Env-Wq 1014 EFFLUENT DISPOSAL AREAS: SOILS, SET-BACKS

- Env-Wq 1014.04 [Receiving Layer]: Removed references to setback
- Env-Wq 1014.07 [EDA Footprint and Distances Above Impermeable Substratum]: Revised requirements regarding separation distance between bed bottom and an impermeable substratum
- Env-Wq 1014.08 [EDA Footprint and Distance Above Seasonal High Water Table]: Revised requirements regarding separation distance between bed bottom and the seasonal high water table; added requirements for commercial and combined uses

Env-Wq 1016 CONSTRUCTION REQUIREMENTS FOR ALL EDA

- Env-Wq 1016.01 [Bed Size for All EDAs]: Added requirements for sizing of the EDAs including combined flows and 1-bedroom residences
- Env-Wq 1016.02 [Bed Size for Conventional Stone-and-Pipe Systems]: Revised table header to Residential and added Metered Flow
- Env-Wq 1016.05 [Trees and Shrubbery]: Added to address the location of trees and shrubbery in relation to ISDS components
- Env-Wq 1016.06 [Type of Stone for Conventional Stone-and-Pipe Beds or Trenches]: Added sieve specifications for crushed gravel
- Env-Wq 1016.07 [Backfill of Conventional Stone-and-Pipe Beds]: Revised EDA backfill requirements

Env-Wq 1017 EFFLUENT CONDUITS

- Env-Wq 1017.02 [Concrete Chambers]: Revised sand sieve specification; specified bed bottom location; added ability to install stone under concrete chambers and changes the bed bottom; added minimum 3" stone around the chamber
- Env-Wq 1017.03 [Venting for Chamber Systems]: Added requirement for venting under impervious surfaces
- Env-Wq 1017.04 [Location Under Driveways]: Added drywells; revised requirements for stone and pipe EDA
- Env-Wq 1017.05 [Requirements for All Effluent Conduits]: Revised pipe connection requirement

Env-Wq 1018 BEDS AND TRENCHES

- Env-Wq 1018.01 [Construction of Beds]: Revised stone and pipe cross section dimensions; specified bed bottom location
- Env-Wq 1018.03 [Width and Spacing of Trenches]: Specified maximum trench width
- Env-Wq 1018.04 [Construction of Trenches]: Added cross section dimensions; specified bed bottom location

Env-Wq 1019 PRESSURE DISTRIBUTION

- Env-Wq 1019.02 [Design Requirements]: Revised sand sieve specifications
- Env-Wq 1019.04 [Application Requirements]: Replaced reference to worksheet with alternate calculation methods

Env-Wq 1020 DRY WELLS

- Env-Wq 1020.01 [Masonry Units]: Revised precast requirements; removed non-precast unit specifications; added requirement that bottom be solid; specified bed bottom location
- Env-Wq 1020.04 [Sizing and Bed Bottom of Effluent Disposal Areas]: Revised sizing equations

Env-Wq 1021 RAISED EFFLUENT DISPOSAL AREAS

- Env-Wq 1021.04 [Fill Extension; Side Slopes]: Revised requirements for bed cover; revised requirements to allow steeper slope to avoid features

Env-Wq 1022 ALTERNATIVE SYSTEMS

- Env-Wq 1022.01 [Privies]: Clarified NHDES approval not required; revised when sealed pit required
- Env-Wq 1022.02 [Mini Dry Wells for Gray Water]: Revised requirements for use; clarified NHDES approval not required

- Env-Wq 1022.03 [Holding Tanks]: Added setback requirement; revised to reference electronic form; added alarm requirement
- Env-Wq 1022.05 [Composting and Incinerator Toilets]: Added section including NHDES approval, use and operation requirements

Env-Wq 1023 OPERATING REQUIREMENTS

Env-Wq 1023.01 [Septic Tank Inspection and Pumping Requirements]: Specified how to replace cast-in baffles

Env-Wq 1024 INNOVATIVE/ALTERNATIVE TECHNOLOGY

- Env-Wq 1024.01 [Purpose and Scope]: Revised purpose
- Env-Wq 1024.02 [Definitions]: Added definition of “ITA owner”
- Env-Wq 1024.03 [General Requirements for Innovative/Alternative Technology Systems and Components]: Added requirements for use; added requirement that ITA manufacturer provide maintenance personnel, contact information; added requirement for ITA owners to submit yearly reports
- Env-Wq 1024.06 [Review of Application for Provisional ITA]: Added requirement to post manual
- Env-Wq 1024.08 [Review of Application for General ITA and General ITA with Conditions]: Added requirement to post manual
- Env-Wq 1024.09 [Effect of an ITA; Recordation Required]: Removed requirement for applications to include ITA approval; removed requirement for service contracts to be recorded
- Env-Wq 1024.13 [Updated Design Manuals]: Revised through-out
- Env-Wq 1024.14 [When a Request for an Amended Approval is Required]: Added section
- Env-Wq 1024.15 [Confidentiality of Submitted Materials]: Added section
- Env-Wq 1024.16 [Suspension or Revocation of ITAs]: Added section

Env-Wq 1025 WATERFRONT PROPERTY SITE ASSESSMENT STUDY

- Entire section removed per RSA 485-A:39

Env-Wq 1025 TRANSFERS OF DEVELOPED WATERFRONT PROPERTY USING AN ISDS

- Entire section added per RSA 485-A:39

Env-Wq 1026 ADMINISTRATIVE FINE SCHEDULE

- Entire section added including violation list and fine schedule