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BUREAU**

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TOPICS

New Applications

Rule Changes

e-Permitting Status

Organization

Questions

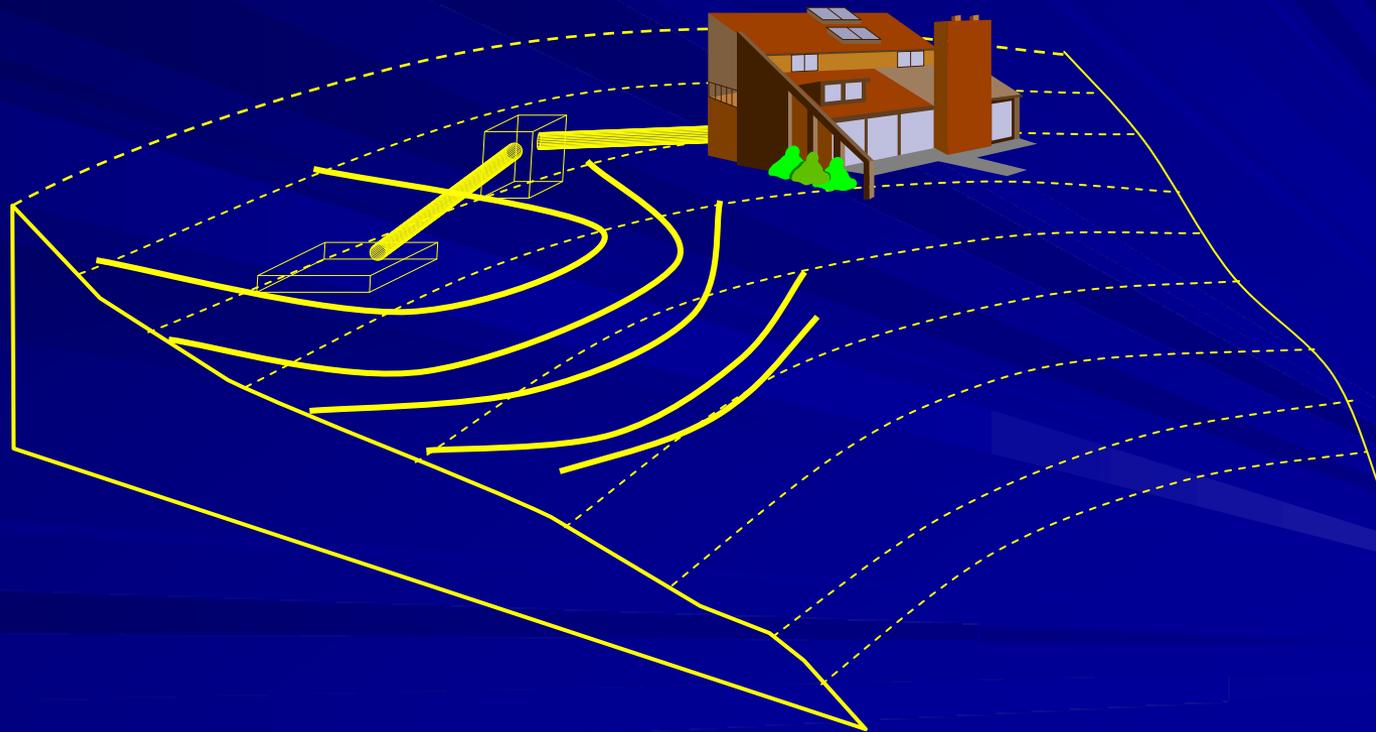
New Applications

<http://des.nh.gov/organization/divisions/water/ssb/index.htm>

- Subdivision of Lots
- Individual Sewage Disposal System (ISDS)
- Waiver

All applications submitted should be the most recent version (12/01/2011)

RULE CHANGES



Env-Wq 1002.13 “Commercial”

- Removed manufactured homes
- Removed condominiums up to two units
- Now specifically excludes home offices

Env-Wq 1002.75 “Residence”

- Includes manufactured homes
- Includes condominiums up to two units
- Includes home offices

Env-Wq 1003.10 Repair or Replacement of Existing Residential ISDS.

- Removes exemption for replacement in-kind
- Work is now allowed up to and including replacing the d-box without filing a permit application with DES (e.g., replacing or adding a vent, replacing a pump, replacing a tank)



Env-Wq 1003.06 Information Required for Replacement ISDS Applications.

- The information previously required for a repair and replacement system is now required by rule for all replacement systems (e.g., number of structures served, type of appliances, type and size of old septic tank, etc.)

Env-Wq 1003.01 Preparation of Plans; Seals Required.

- For systems that require a P.E. stamp, the designer of record doesn't have to be a designer/ P.E., but may partner with a designer/P.E. to stamp the plan.

Env-Wq 1004.06 Inspection Required; Issuance of Operational Approval.

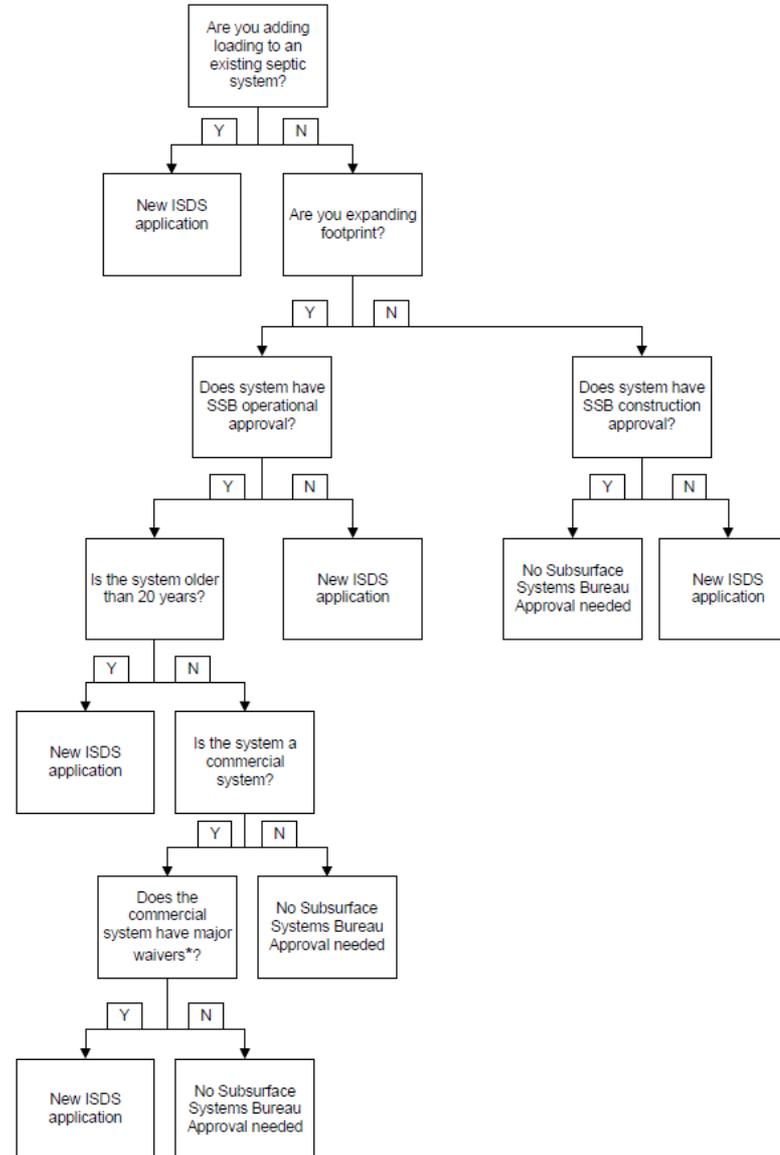
- For phased construction, if the entire project is not completed at the time of the initial inspection request, the plan must be amended to remove the structures not built, prior to receiving operational approval.
- Those structures not built will require a new CA

Env-Wq 1004.15 Expansion, Relocation, Remodeling, or Replacement of Existing Structures.



Expansion Rule Flow Chart (Env-Wq 1004.15)

Does My Project Need Subsurface Systems Bureau Approval? **



*Typically "major waivers" are those involving setbacks to surface waters, drinking water wells, very poorly drained soils, seasonal high groundwater and property lines.

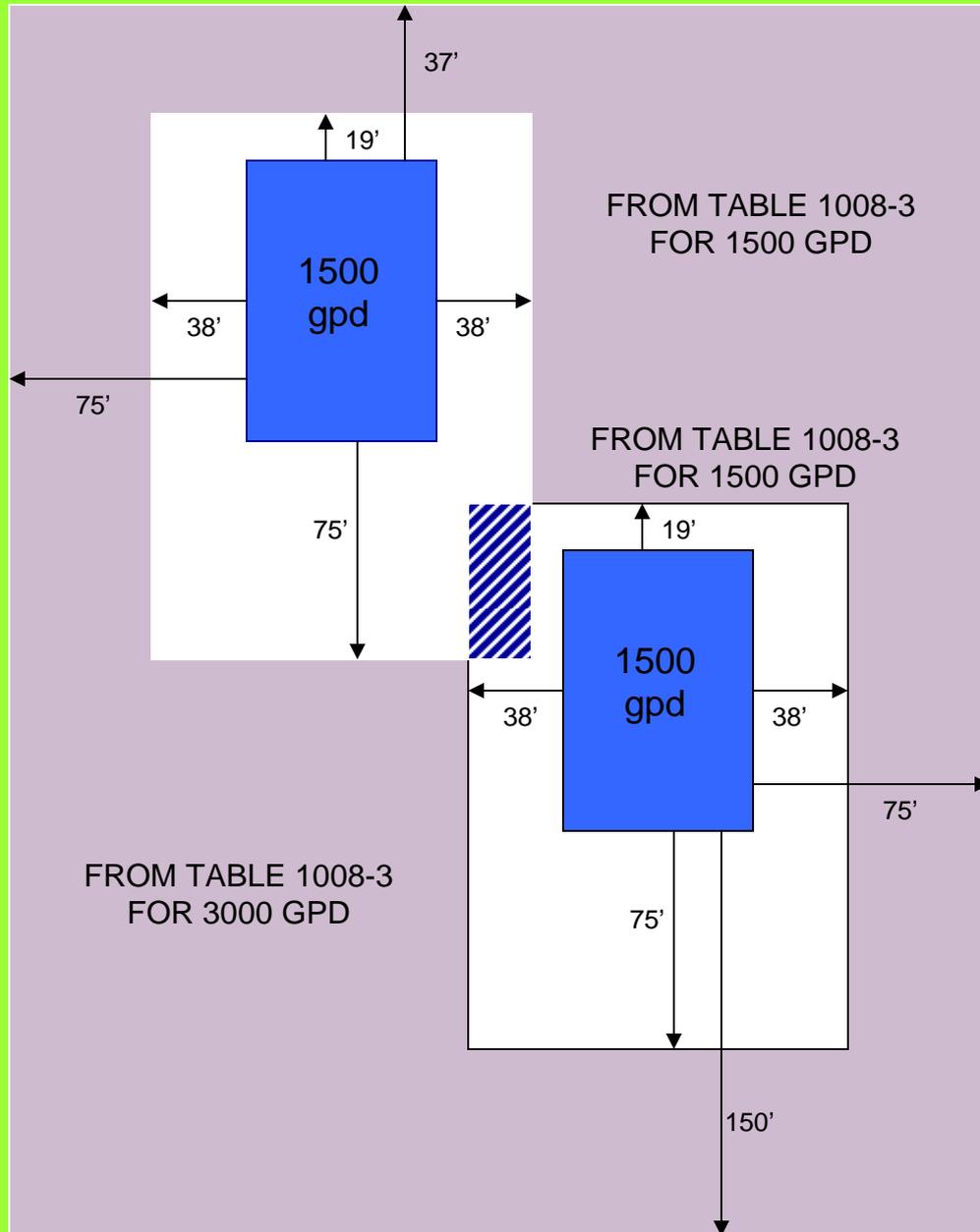
** Pursuant to Env-Wq 1004.15(d) Structures being replaced, relocated or expanded must be in compliance with RSA 483-B, the Shoreland Water Quality Protection Act

Env-Wq 1008.05

Nitrate Setback to Property Lines

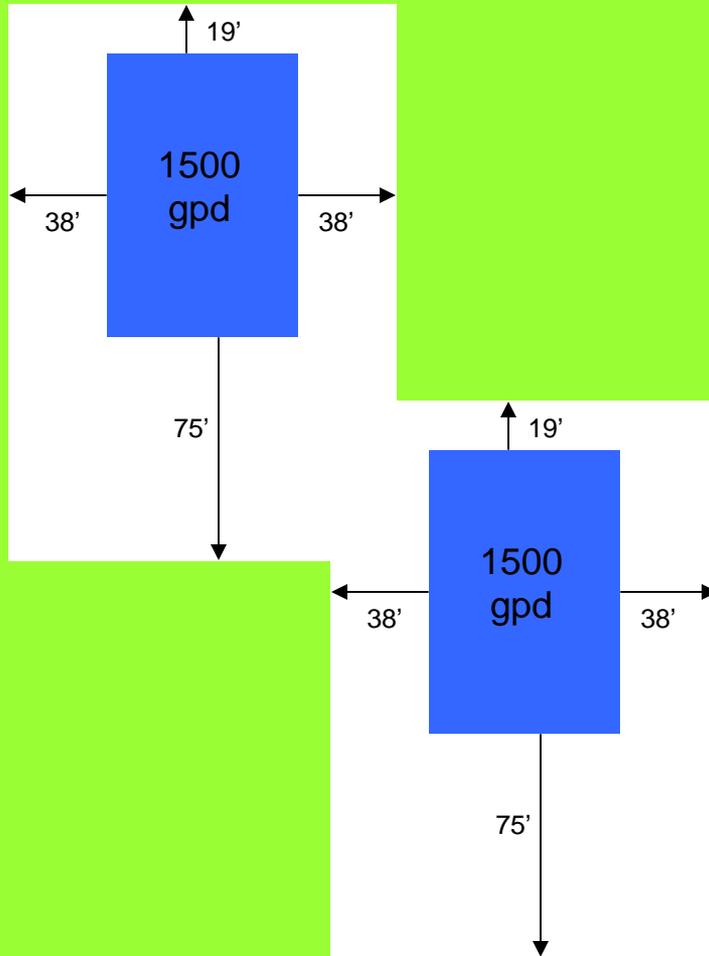
AGGREGATE FLOW

GW FLOW



PROPERTY LINE
SETBACKS
DETERMINED
BY COMBINING
FLOWS

AGGREGATE FLOW



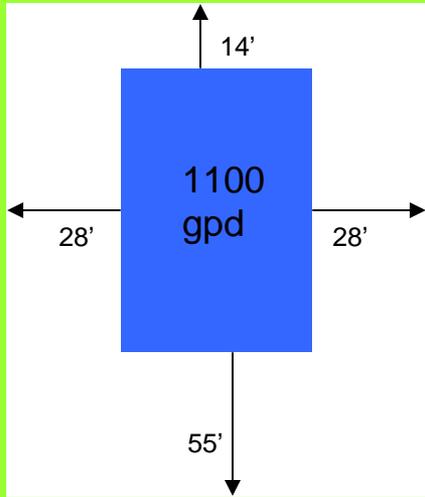
GW FLOW



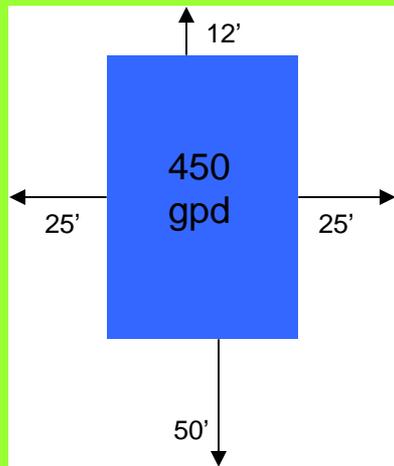
PROPERTY LINE
SETBACKS
DETERMINED
BY INDIVIDUAL
FLOWS

AGGREGATE FLOW

GW FLOW



FROM TABLE 1008-3
FOR 1100 GPD



FROM Env-Wq
1008.05(h)

FROM TABLE 1008-2



PROPERTY LINE
SETBACKS
DETERMINED
BY INDIVIDUAL
FLOWS

10"

- BOXES ARE A VERY SIMPLIFIED WAY OF DETERMINING NITRATE PLUMES.
- Env-Wq 1008.05(e):
 - If the applicant submits a hydrogeological analysis of the property which shows that the requirements of Env-Wq 402 will be met, the minimum setback distances shall be reduced.

Env-Wq 1010 Septic Tanks

- 1,250 gallon minimum tank size.
- Basement plumbing fixtures.
- The liquid depth in any single- or multi-compartment septic tank that is not a ledge tank shall be 40 inches or more in each compartment.
- The liquid depth in any single- or multi-compartment ledge tank shall be 30 inches or more in each compartment.
- Non-conforming tank allowance.

Exemptions RSA 485-A:33

- No plans and specifications shall be required
 - whenever land is subdivided *and*
 - the purpose of such subdivision is to correct or conform boundary lines *or*
 - when land is exchanged between abutters and no building is contemplated on the exchanged land.

Env-Wq 1003.15 Alteration of Subdivisions After Approval.

- (a) The plan for a subdivision approved by the department shall be the final plan.
- (b) For a subdivision, a new application shall be submitted if any lot line changes, unless exempted by
- RSA 485-A:33.

Env-Wq 1003.07 Applicant's Signature Required; Certification of Accuracy

- If the application is submitted *electronically*, the use of the user log-on ID, password, and personal identification number (PIN) assigned to the permitted designer shall constitute the signature and agreement required

Env-Wq 1003.08 Owner's Signature Required.

- If the application is submitted *electronically*, the permitted designer shall submit a portable document format (PDF) copy of the statement required by (a), above, signed by the owner(s), with the application.

e-PERMITTING

Registration

ePv1

QUESTIONS?

Reminders

Heavy secure cast covers when at grade



Plastic secure risers /covers



Riser and cover examples



Plastic vented "T" with 24" opening



Waterproof flexible joint (boot)



Pipe Pitch



22° elbow corrects this



NHDES SUBSURFACE BUREAU

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