



BUREAU UPDATE

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PROPOSED CHANGES TO WE 100-1000

- Water well contractor must review state (SSB) approved plan.
- "Critical Well Location" means an actual or proposed well location delineated on state approved plans and specifications, pursuant to RSA 485-A:30-b, with a conditional approval requiring the location not be moved, usually a result of lot loading requirements.

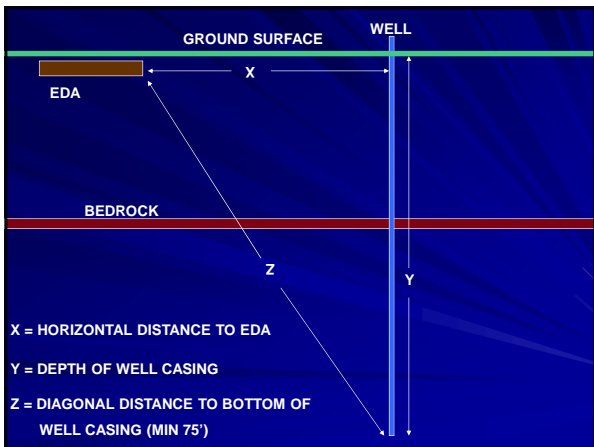
For lots with special conditions requiring a critical well location the following criteria shall apply:

1. If the well cannot be installed in the location shown on the approved plan, the water well contractor shall consult with the permitted designer of the individual sewage disposal system and property owner, or the property owner's agent, to determine an acceptable location for the well; and
2. The water well contractor shall not construct the well in the alternate location prior to the issuance of an approved amended plan by DES.

■ Well locations on approved plans, excluding critical well locations, shall include a shaded area no less than 100 square feet to provide a buffer for equipment mobilization or re-mobilization, in accordance with RSA 485-A:30-b, I(d);

(Note. This rule would more appropriately be adopted by the Subsurface Systems Bureau)

WELL CONSTRUCTION REQUIREMENTS WHEN SETBACKS CANNOT BE MET



PYTHAGOREAN THEOREM

$$X^2 + Y^2 = Z^2$$

SO....

$$Y^2 = Z^2 - X^2$$

EXAMPLE: WELL IS 45' FROM EDA

$$Y^2 = 75^2 - 45^2$$

$$= 5625 - 2025$$

$$Y^2 = 3600$$

$$Y = 60'$$

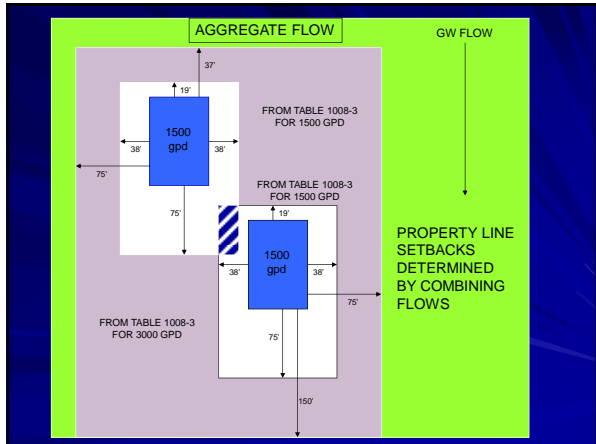
Table 602-1
Horizontal Setbacks and Minimum Casing Length, for a Two Dimensional Angular Setback Equal to a Minimum of 75 Feet.

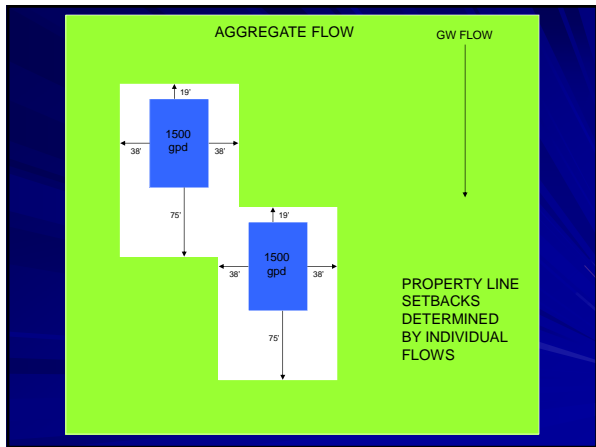
<u>Horizontal Setback [Ft]</u> <u>Length [Ft]</u>	<u>Required Minimum Casing [Ft]</u>
75	20
70	40
65	45
60	50
55	55
50	60
45	65
40	70
35	75
30	80
25*	85

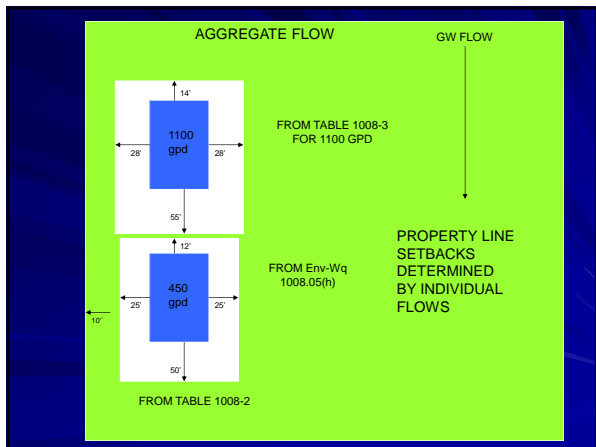
**Setback reductions less than 25 feet from an effluent disposal area shall require an inspection and approval from the DES prior to construction of a well, in accordance with We 602.05(r).*

NEW SUBDIVISION APPROVAL CONDITON

- Lots within this approved subdivision have been indicated to lie within a special flood hazard area as regulated by 44 CFR 60.3 (Code of Federal Regulations) – Flood Plain Management Criteria for Flood-Prone Areas. Please note that any Individual Sewage Disposal System (ISDS) proposed within this area must be designed to meet the requirements of 44 CFR 60.3(a)(6)(ii) as required by Env-Wq 1003.06(ac)(1) of the New Hampshire Subdivision and Individual Sewage Disposal System Design Rules. Further, the application for construction approval of said ISDS must include a signed statement indicating that the design conforms to those requirements.







■ BOXES ARE A VERY SIMPLIFIED WAY OF DETERMINING NITRATE PLUMES.

■ Env-Wq 1008.05(f):

– 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.
