

ARTICLE 28 AMEND ZONING BYLAW – GROUNDWATER PROTECTION DISTRICT
 (Two-thirds vote)

To see if the Town will vote to amend the Zoning Bylaw Table 4.3.7.2 (USE Regulations within the GROUNDWATER Protection District) as follows:

A. Insert a new line numbered 9 as follows:

	ZONE 1 Well Protection Area	ZONE 2 Recharge Protection Area	ZONE 3 Aquifer Protection Area
9. STORAGE of liquids: petroleum products, cleaning chemicals, detergents, antifreeze solutions, solvents, swimming pool treatment chemicals, in aggregate quantities exceeding 90 gallons, for purposes other than heating the premises on which it is located	N	N	N

And, renumber the current lines 9 through 25 to become lines 10 through 26 respectively.

B. Delete line 14 (renumbered from line 13 in part A above), and replace it with a new line 14 as follows:

	ZONE 1 Well Protection Area	ZONE 2 Recharge Protection Area	ZONE 3 Aquifer Protection Area
14. STORAGE outside of a BUILDING of fertilizer, pesticide, herbicide or deicing chemicals	N	N	N

[Note - current line 13 reads:

	ZONE 1 Well Protection Area	ZONE 2 Recharge Protection Area	ZONE 3 Aquifer Protection Area
<i>Outdoor STORAGE of fertilizer, animal manure, soil conditioner, pesticide, herbicide and deicing chemicals.</i>	N	N	Y

]

And, insert a new line 15 as follows:

	ZONE 1 Well Protection Area	ZONE 2 Recharge Protection Area	ZONE 3 Aquifer Protection Area
15. “STORAGE outside of a BUILDING of animal manure, soil conditioner, or compost in aggregate quantities larger than ten (10) cubic yards.”	N	N	Y

And, further renumber lines 15 through 26 (as renumbered in Part A above) to become lines 16 through 27 respectively.

[Note – In Table 4.3.7.2, N means the Use is prohibited, Y means the Use is allowed.]

, or to take any other action relative thereto.

SUMMARY

The purpose of Part A of this Article is to expand the protection of the water supply from these compounds to the entire surface recharge area while still allowing incidental use. All of these chemicals are potentially harmful to the Town's water supply. All three water recharge zones are sensitive areas. The storage of these liquid materials in a zone 3 will be permitted up to a total (aggregate) amount of 90 gallons which will allow homeowners and small businesses to continue reasonable use of these supplies. The effect of this bylaw will be to limit the amount of these chemicals that can be stored above drinking water aquifers.

Part B of this Article makes two related changes in Table 4.3.7.2:

The purpose of the first change is to prohibit the outdoor storage of fertilizer, pesticides, herbicides or deicing chemicals in areas that recharge our well aquifers. The existing bylaw allows the storage of these materials in zone 3 and combines these obviously hazardous materials with manure and soil conditioner which do not present the same level of risk to our drinking water supply. Currently, outdoor storage of fertilizers, pesticides, herbicides and deicing chemicals is not permitted in water protection zones 1 and 2 but these chemicals could be stored out of doors (in the open) in a zone 3. The difference between a zone 2 and a zone 3 recharge area is the amount of time it takes water to travel from a water protection zone to a town well. This change will reduce the chance of these chemicals entering the Town's water supply either through spillage or weathering of materials stored outside. The effect of this change is to require indoor storage for any of these compounds stored in any drinking water supply recharge areas.

The purpose of the second change is to provide continued protection of zones 1 and 2 of these compounds as previously provided in 4.3.7.2 subparagraph 13. This new paragraph also adds protection from compost pile runoff in zones 1 and 2. The effect of this bylaw change is to add additional protection for the water supply from compost pile runoff.

Direct inquiries to: Chris Allen, District Manager, Water Supply District of Acton:

chris@actonwater.com / (978) 263-9107

Selectman assigned: Janet Adachi: bos@acton-ma.gov / (978) 929-6611

Recommendations:	Board of Selectmen	Finance Committee	Planning Board
	Deferred		Deferred