

SECTION 8

TREATMENT FOR RADON AND URANIUM

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SECTION 8

SUMMARY 8.1 – 8.2

8.1 Radon removal

Introduction – removal is mainly by decay storage, GAC or aeration. Location is crucial for hydraulic reasons and radiation exposure. Point of use systems are not acceptable.

Decay storage is feasible for low levels of activity only.

Granular activated carbon – filters must be shielded or isolated. Certain levels cause disposal problems, and filters must be handled with care.

Aeration is the preferred treatment. There are many methods and radon can easily be vented. The system may need a pressure tank or additional pump.

8.2 Uranium removal

Ion-exchange (preferred) and reverse osmosis are the only suitable options for private supplies. Removal is rarely practised, so professional advice must be sought.





Private Water Supplies

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