

One Acre?

- 1977
- “This policy is to promote and protect the health of the public by controlling the density of subsurface sewer systems...”
- 0.5-2 acres for nitrate dilution
- WA 1-2.5 acres for bacteria/virus removal

SCPHD

- One acre policy
- Actually 3 policies
 - .795 One Acre Minimum
 - .799 Variance procedure
 - .887 Subdivisions platted after July 20, 1977

DEQ

- Rule (IDAPA 58.01.03)
 - Surface water setbacks
 - Vertical setbacks
 - LSAS
- TGM
 - Modifications to setbacks under certain circumstances
 - Alternative designs

One acre

- Property owner
- “Cities or Counties can request a variance to this one-acre policy if the variance would improve the health of the residents or the quality of the environment.”

IDAPA/TGM

- Property owner

One acre

- Public notice (paper/cert mail)
- Variance committee
 - Size of lot requested
 - Quantity/type of waste discharged
 - Soil type/conditions
 - Distance to sewer
 - Other factors (public health, workability, environment, public comments)
- Appeal to District Director then Board of Health

IDAPA/TGM

- Public notice (paper/cert mail)
- District Director
 - 06. Limitations on Decision. No technical allowance or variance shall be granted unless:
 - a. Adequate proof is shown by the petitioner that compliance would impose an **arbitrary or unreasonable hardship**;
- Appeal to District Court or Idaho Board of Environmental Quality

- A-2b soils

- 2 bedroom house = 333 effective sq ft

- 3 bedroom house = 417 effective sq ft

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- 3 bedroom house = 417 sq ft



Groundwater Quality



Groundwater Quality

Yakima, WA – Typhoid fever outbreak

Septic system 210' up-gradient from well

Dye reached well in 36 hours

Central Pierce County, WA

242,000 residents - 100,000 using septic

Wells range from 201 to 1,064 feet deep

35% of wells contaminated with coliform,
elevated nitrate, chloride