

*Study of Decentralized Wastewater Options for Waitsfield Village and Irasville
Town of Waitsfield, Vermont*

Table 8: Summary of Needs Assessment Results

Description:

- 35 Single Family Residences
- 3 Apartment Buildings/Properties
- 49 Commercial Properties
- 26 Mixed Residential/Commercial Properties
- 11 Municipal or Institutional Properties
- 11 Open Land

135 Properties Total

Water Supplies:

- 73 Planned Connections to Community Water System
- 27 Individual or shared drilled wells
- 4 Individual or shared shallow wells/springs
- 1 Public Water Supply (Drilled Well)

Factors Affecting GIS Needs Assessment:

Factor	Number of Properties Affected	% of Total
Limited Available Area Only	40	30%
Proximity to Structures or Property Lines	40	100%
Proximity to Water Supply Wells	27	68%
Proximity to Steep Slopes	3	8%
Proximity to Surface Waters	12	30%
Proximity to Wetland	5	13%
Proximity to Floodplain	10	25%
Proximity to Soils Ranked 'Not Suited'	5	13%
Shallow Seasonal Groundwater Only	2	1%
Shallow Seasonal Groundwater and Limited Available Area	2	1%
Shallow Bedrock Only	0	0%
No Restrictions	91	67%

Potential Capacity or Management Needs:

Factor	Number of Properties	Total Design Flow (gallons/day)
GIS Area or Groundwater Limitation	44	57,365
Plan to change property use in future	5	2,315
Plans to change use need wastewater capacity	13	25,553
Change planned and wastewater capacity needed	7	2,035
Other issues	5	5,500

Source: Survey results; Town Grand List data table; Phelps 2004 WW Facilities Plan; VT DEC permits; parcel GIS database; November 2010 water project information



Note: Within the potential capacity or management needs, if a parcel has both a GIS limitation and a survey response, the parcel's wastewater design flow is counted in both applicable categories.

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