

Assessment for: Stonington Water Company

ID ME0091510

Location: Stonington, Maine

Date: 6/16/2004

Summary of the Data used in our Assessment

Public Water Supply Information

Well identification number: 91510102

Well type: Bedrock well

Well description: Tw-110 Bedrock Well 312' Deep

Overburden thickness (feet): 20

Wellhead protection radius around the well: 1300

Reported distance of land control around the well: 50

Wellhead Protection Ordinance in effect: Yes

Risk Based on Well Type and Site Geology

Ranking:

Well type: Bedrock well

Overburden thickness (feet): 20

Existing risk of contamination based on well type and site geology:

Low risk

Existing Risk of Acute Contamination

Ranking:

Positive coliform test: No

Nitrate test greater than 5 ppm: No

Septic system within 300 feet of the well: No

Existing risk of acute contamination:

Low risk

Future Risk of Acute Contamination

Ranking:

No legal land control, or control status is unknown, or

Legal control is less than a 150-foot radius around the well: Yes

Legal control of at least a 150-foot radius of property around the well: No

Legal control of at least a 300-foot radius of property around the well: No

Future risk of acute contamination:

High risk

Existing Risk of Chronic Contamination

Ranking:

Detection of Chronic Chemical Contaminant: No

Names of Chronic Chemical Contaminant(s) Detected: No chronic chemical contaminants detected

Total Number of Potential Sources of Contamination within WHPA: 4

Distance to nearest "Significant Potential Source of Contamination": 350 (feet)

Name of nearest "Significant Potential Source of Contamination": Residential home

Existing risk of chronic contamination:

Moderate risk

Future Risk of Chronic Contamination - Land Ownership / Control

Legal control of entire Wellhead Protection Area: No

Legal control of 2500 Phase II / V radius: No

Future risk of chronic contamination:

Moderate risk