

**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**