

Assessment for: Castine Water Department ID ME0090330

Location: Castine, Maine

Date: May 1, 2003

### **Summary of the Data used in our Assessment**

#### **Public Water Supply Information**

Well identification number: 90330201

Well type: Gravel well

Well description: Sw #1-18'

Overburden thickness (feet): 18

Wellhead protection radius around the well: 2200

Reported distance of land control around the well: 400

Wellhead Protection Ordinance in effect: No

### **Risk Based on Well Type and Site Geology**

#### ***Ranking:***

Well type: Gravel well

Overburden thickness (feet): 18

*Existing risk of contamination based on well type & site geology:*

*Moderate 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**

#### ***Future Ranking:***

No legal land control or control status is unknown or

legal control is less than a 150-foot radius around the well: No

Legal control of at least a 150-foot radius of property around the well: Yes

Legal control of at least a 300-foot radius of property around the well: Yes

*Future risk of acute contamination:*

*Low risk*

### **Existing Risk of Chronic Contamination**

#### ***Ranking:***

Detection of Chronic Chemical Contaminant: No

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

Total No. Potential Sources of Contamination within WHPA: 8

Distance to nearest "Significant Potential Source of Contamination": 60 (feet)

Name of nearest "Significant Potential Source of Contamination": sewer lines

*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 Waiver Radius: No

*Future risk of chronic contamination:*

*High risk*