

Assessment for: Mechanic Falls Water Dept ID ME0090960

Location: Mechanic Falls, Maine

Date: May 1, 2003

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

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

Well identification number: 90960201

Well type: Gravel well

Well description: Winter Brook Gp Well, 71' deep

Overburden thickness (feet): 63

Wellhead protection radius around the well: 2500

Reported distance of land control around the well: 300

Wellhead Protection Ordinance in effect: Yes

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

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

Well type: Gravel well

Overburden thickness (feet): 63

*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: 6

Distance to nearest "Significant Potential Source of Contamination": 900 (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 Waiver Radius: No

*Future risk of chronic contamination:*

*Moderate risk*