

Assessment for: Presque Isle Water District; ID ME0091310

Location: Presque Isle, Maine

Date: October 2, 2012

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

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

Well identification number: 91310102

Well type: Gravel Packed

Well description: Gravel Packed; depth is 57 ft @ 1400 gpm

Overburden thickness (feet): 45.1 ft

Wellhead protection radius around the well: 2500 ft

Reported distance of land control around the well: at least 300 ft

Wellhead Protection Ordinance in effect: not known

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

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

Well type: Gravel packed

Overburden thickness (feet): 45.1 ft

*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: Yes

Name(s) of Chronic Chemical Contaminant(s) Detected: Chloroform and Bromodichloromethane

Total No. Potential Sources of Contamination within WHPA: none

Distance to nearest "Significant Potential Source of Contamination": not applicable

Name of nearest "Significant Potential Source of Contamination": not applicable

*Existing risk of chronic contamination:*

*Moderate risk*

### **Future Risk of Chronic Contamination - Land Ownership / Control**

Legal control of Entire Wellhead Protection Area: not known

Legal control of 2500 Phase II/V Waiver Radius: No

*Future risk of chronic contamination:*

*Moderate risk*