

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: 91310103

Well type: Gravel Packed

Well description: Gravel Packed; depth is 52 ft @ 1200 gpm

Overburden thickness (feet): 35.4 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): 35.4 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

Well 91310103 is a back-up well to 91310102