

Assessment for: Belfast Water District ID ME0090140

Location: Belfast, Maine

Date: May 1, 2003

Summary of the Data used in our Assessment

Public Water Supply Information

Well identification number: 90140202

Well type: Gravel well

Well description: Jackson Pit Well Gp 51'

Overburden thickness (feet): 44

Wellhead protection radius around the well: 2500

Reported distance of land control around the well: 2500

Wellhead Protection Ordinance in effect: Yes

Risk Based on Well Type and Site Geology

Ranking:

Well type: Gravel well

Overburden thickness (feet): 44

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: Yes

Existing risk of acute contamination:

Moderate 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: 2

Distance to nearest "Significant Potential Source of Contamination": 300 (feet)

Name of nearest "Significant Potential Source of Contamination": Sand and gravel mining, other mining

Existing risk of chronic contamination:

Low risk

Future Risk of Chronic Contamination - Land Ownership / Control

Legal control of Entire Wellhead Protection Area: Yes

Legal control of 2500 Phase II/V Waiver Radius: Yes

Future risk of chronic contamination:

Moderate risk