

Assessment for: Sanford Water District ID ME0091410
Location: Sanford, Maine
Date: May 1, 2003

Summary of the Data used in our Assessment

Public Water Supply Information

Well identification number: 91410205
Well type: Gravel well
Well description: Eagle #1 Gp, 35', 250 Gpm
Overburden thickness (feet): 6
Wellhead protection radius around the well: 2500
Reported distance of land control around the well: 100
Wellhead Protection Ordinance in effect: Yes

Risk Based on Well Type and Site Geology

Ranking:

Well type: Gravel well
Overburden thickness (feet): 6

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: Yes
Legal control of at least a 150-foot radius of property around the well: No
Legal control of at least a 300-foot radius of property around the well: No

Future risk of acute contamination: High risk

Existing Risk of Chronic Contamination

Ranking:

Detection of Chronic Chemical Contaminant: Yes
Name(s) of Chronic Chemical Contaminant(s) Detected: Cadmium, Chromium, Mercury, MTBE

Total No. Potential Sources of Contamination within WHPA: None reported
Distance to nearest "Significant Potential Source of Contamination": No distance data reported. (feet)
Name of nearest "Significant Potential Source of Contamination": No potential sources of chemical contaminants reported or no distance data reported.

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