

Assessment for: Backyard Farms-Greenhouse #1; ID ME0094858

Location: Madison, Maine

Date: September 29, 2011

Summary of the Data used in our Assessment

Public Water Supply Information

Well identification number: 94858101

Well type: Bedrock well

Well description: Bedrock well, 605 ft deep

Overburden thickness (feet): 125 ft

Wellhead protection radius around the well: 300 ft

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

Wellhead Protection Ordinance in effect: No

Risk Based on Well Type and Site Geology

Ranking:

Well type: Bedrock well

Overburden thickness (feet): 125 ft

Existing risk of contamination based on well type & site geology:

Low 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: Lead

Total No. Potential Sources of Contamination within WHPA: 1

Distance to nearest "Significant Potential Source of Contamination": 180 ft

Name of nearest "Significant Potential Source of Contamination": Parking lot

Existing risk of chronic contamination:

Moderate 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: No

Future risk of chronic contamination:

Moderate risk