

Assessment for: Downeast Institute; ID ME0094998

Location: Beals, Maine

Date: August 17, 2012

Summary of the Data used in our Assessment

Well type: Bedrock well

Well identification number: 94998101

Well description: Bedrock well; depth is 120 ft @ 10 gpm

Overburden thickness (feet): 60 ft

Positive bacteria test result(s): No

Nitrate test result(s) greater than 5 ppm: No

Septic system(s) within 300 feet of the well: Yes; Leach field is approx 150 ft from the well

Animal feedlots/manure piles(s) within 300 feet of the well: No

Risk Based on Well Type and Site Geology

Ranking:

Well type: Bedrock well

Overburden thickness (feet): 60 ft

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

Low risk

Existing Risk of Acute Contamination

Ranking:

Positive coliform test(s): No

Nitrate test(s) greater than 5 ppm: No

Septic system(s) within 300 feet of the well: Yes – Leach field – app 150 ft

Animal feedlot(s)/manure pile(s) within 300 feet of the well: No

Existing risk of acute contamination:

Moderate risk

Future Risk for Acute Contamination

Ranking:

Status of land control: The owner owns and/or controls the land within the Well Head Protection Radius of 300 ft, but the ocean is app 200 ft away

Future risk of acute contamination:

Moderate risk