

Memorandum

To: Ephrem Paraschak, Denmark Town
Manager

From: Keith R. Taylor, C.G.

Re: January–June 2013 Status Report
Poland Springs Water Withdrawal
Cold Spring, Denmark, Maine
St.Germain Collins File No.: 3135.1

Date: 8/22/13

As you are aware, Poland Springs is required under their Permit for Water Extraction (Permit) to submit monthly reports to the Town, and if the average weekly withdrawal exceeds 200 gpm, weekly reports are required as well. At your request, St.Germain Collins is providing the Town with periodic memos summarizing the information provided in Poland Springs' reports. The first of such reports covered the period of May through July 2010, the first three months of water withdrawal. This is the seventh report and covers the period from January through June 2013.

Withdrawal volumes for the first half of 2013 provided by Poland Springs are summarized below:

Month	Gallons Withdrawn
January	4,668,465
February	3,630,830
March	6,149,885
April	6,642,500
May	9,061,120
June	8,254,250
Total =	38,407,050

Total water withdrawal in 2012 was 70,051,695 gallons, so it appears that the pumping rates for 2013 so far are comparable to the previous year. For comparison purposes, 105,100,000 gallons is the annual limit of their permit.

Withdrawal did not exceed the short-term maximum of 300 gpm allowed in the Permit, but the weekly average was above the Permit-specified threshold of 200 gpm for five weeks total in April, May, and June. Exceedence of this threshold triggered the Permit requirement to submit weekly rather than monthly reports.

The weekly and monthly reports for 2012 provide ground water levels and stream flow as required by their Permit, and compare the ground water elevation from well MW-16 and stream flow from two Beaver Brook locations to the Alert and Action Levels in the Permit. Neither the Alert nor Action Levels were reached at these monitoring points during the period from January through June 2013.

The results of the 2012 Annual Biomonitoring Report were included with the February 2013 monthly report. According to the report, biological conditions were similar to those reported from 2009 through 2011, with no evidence of adverse impacts.