

Memorandum

To: Ephrem Paraschak, Denmark Town Manager From: Keith R. Taylor, C.G.

Re: July–December 2012 Status Report Date: 1/16/13
Poland Springs Water Withdrawal
Cold Spring, Denmark, Maine
St.Germain Collins File No.: 3135.1

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 sixth report and covers the period from July through December 2012.

Withdrawal volumes for the second half of 2012 provided by Poland Springs are summarized below:

Month	Gallons Withdrawn
July	9,353,375
August	8,478,810
September	4,940,675
October	4,005,865
November	4,797,480
December	3,252,415
Total =	34,828,620

Total water withdrawal in 2012 was 70,051,695 gallons, higher than the 2011 total of 50,392,375 gallons. 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 each week in July and the first week of August. 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 July through December 2012.