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Luetje Geological Services, LLC
Ed Luetje, CG
58 Fore Street
Portland, Maine 04101

October 30, 2012

Ms. Sharon Jackson
Town Manager
Town of Fryeburg
16 Lovewell's Pond Road
Fryeburg, Maine 04037



RE: September 2012 Aquifer Monitoring Report

INTRODUCTION

Luetje Geological Services (LGS) of Portland, Maine, an independent hydrogeologic consulting firm, has been contracted by Nestle Waters North America Inc., (Poland Spring) to collect and compile hydraulic data from the Wards Brook Aquifer in Fryeburg, Maine. These data are collected as part of regular routine monitoring by Poland Spring and while the monitoring program is not part of a regulatory compliance program, the data are voluntarily provided to the Town of Fryeburg on a monthly basis. The data in the monthly reports, in turn, are used by Poland Spring to compile an annual report of the hydraulic data for the Wards Brook Aquifer.

Data are presented for eleven monitoring wells, four surface water stations, from rain gauges at the Borehole-1 load-out facility and the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center), and withdrawal data from Borehole-1 (PBH-1; dedicated spring water borehole). Locations of all data collection stations are shown in Figure 1 located at the end of this report.

GROUNDWATER

Groundwater levels are measured in eleven monitoring wells at locations shown in Figure 1. These wells provide groundwater level data across and adjacent to the Wards Brook watershed (Figure 1). Table 1 provides a summary of groundwater elevations at these locations as measured on September 18th, 2012.

WITHDRAWALS

In accordance with the contract with the Fryeburg Water Company, PBH-1 withdrawal totals are presented as total gallons recorded as offloaded at plant facilities. Spring water withdrawals from PBH-1 totaled 3,224,636 gallons for the month of September, 2012.

If you have any questions regarding the data included in this report, please do not hesitate to contact me at (207) 415-9898.

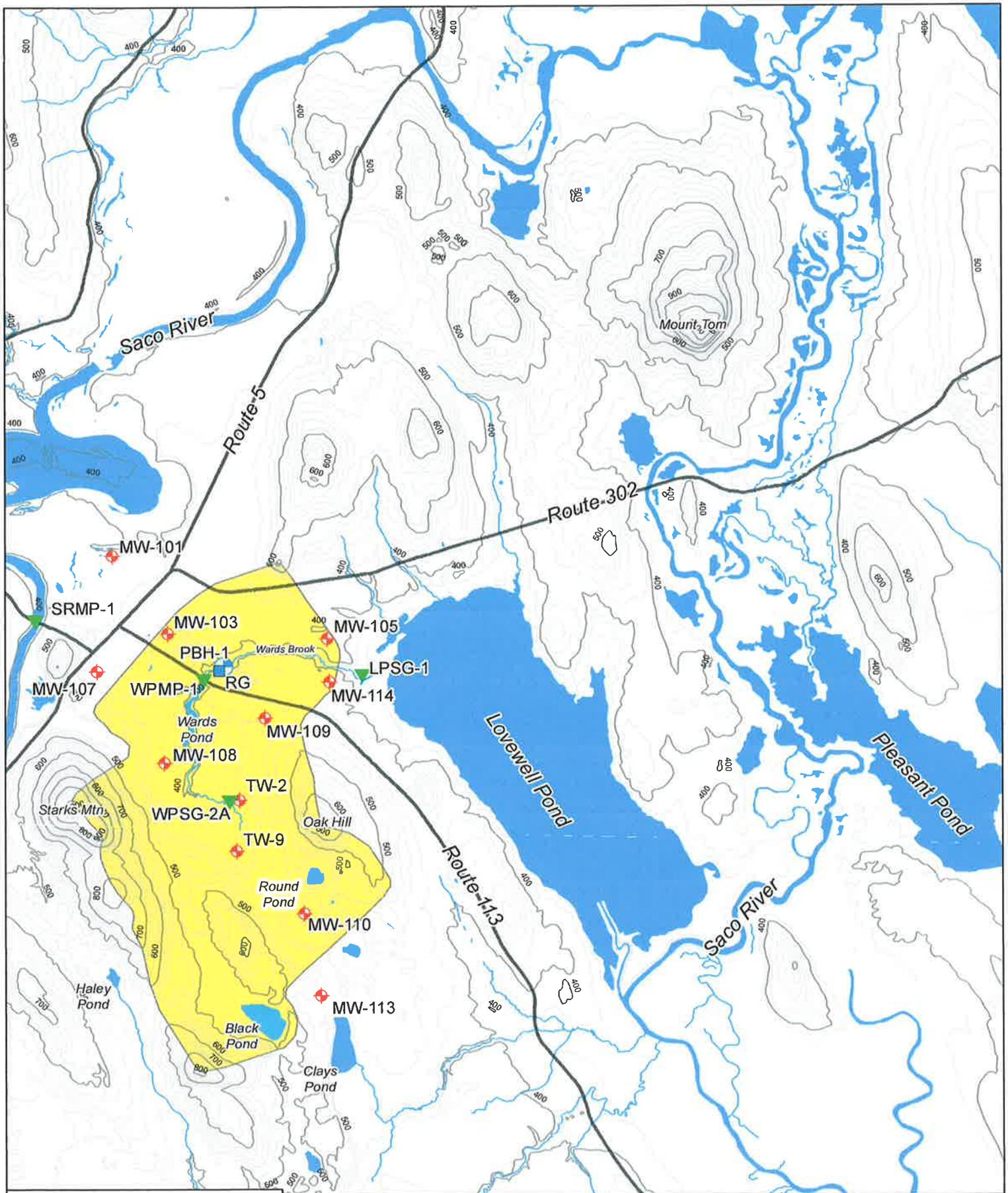
Sincerely,

Luetje Geological Services, LLC



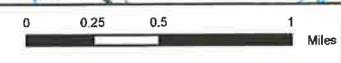
Ed Luetje C.G.

cc: Fryeburg Water Company (Mr. Hugh Hastings)
Fryeburg Water District (Mr. Richard Krasker)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois)



	BOREHOLE
	MONITORING WELL
	RAIN GAUGE
	SURFACE WATER STATION
	CONTOUR LINES
	WARDS BROOK WATERSHED (APPROXIMATE)

FIGURE 1
VOLUNTARY AQUIFER MONITORING REPORT
FRYEBURG, MAINE



NOTES:
1. ALL GENERAL DATA LAYERS ACQUIRED FROM THE MAINE OFFICE OF GIS
2. CONTOURS ARE 20' INTERVALS.

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DATE:
1/3/2012

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