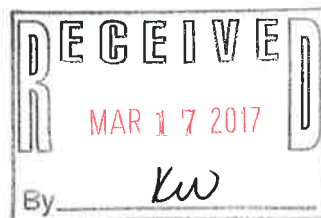




Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032

February 23, 2017

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



RE: January 2017 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 January 20th, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
JANUARY 20th, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	398.26
MW-103	421.42	408.91
MW-105	404.98	379.25
MW-107	432.05	421.25
MW-108	419.88	409.04
MW-109	420.08	396.29
MW-110	461.84	414.65
MW-113	441.11	419.18
MW-114	405.25	384.36
TW-2 ⁴	404.19	401.93
TW-9	409.17	Frozen

- Notes:
1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
 2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
 3. MW refers to 'monitoring well'
 4. TW refers to 'test well'

SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

- Saco River Monitoring Point (SRMP-1): surface water elevation is measured at the Route 113 bridge over the Saco River;
- Wards Pond Monitoring Point (WPMP-1): surface water elevation is measured at the Route 113 crossing over Wards Brook;
- Lovewell Pond Staff Gage (LPSG-1): surface water elevation is measured at the inlet from Wards Pond Brook; and,
- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on January 20th, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
JANUARY 20th, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.83	362.48
WPMP-1	401.22	Frozen
SRMP-1	418.85	Frozen
WPSG-2A	403.03	Frozen

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in early May 2016.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for January 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
JANUARY 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	2.69
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	2.67

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 15,477,382 gallons for the month of January 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

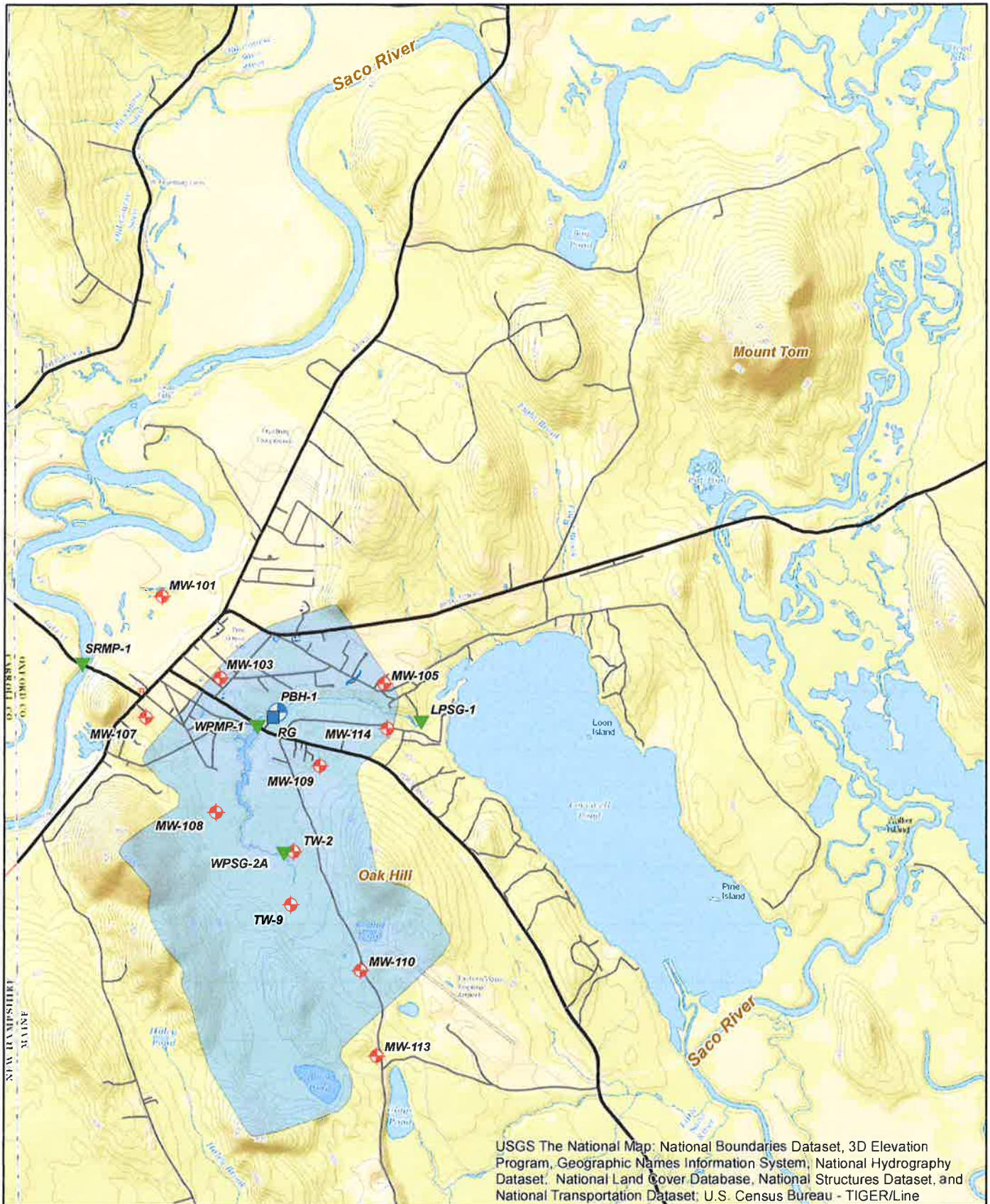
If you have any questions regarding the data included in this report, please do not hesitate to contact me at (207) 415-9898.

Sincerely,
Luetje Geological Services, LLC



Ed Luetje C.G.

cc: Fryeburg Water Company (Mr. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois)



<p> BOREHOLE MONITORING WELL RAIN GAUGE SURFACE WATER STATION WARDS BROOK WATERSHED (APPROXIMATE) </p>	<p>FIGURE 1 MONITORING LOCATIONS EVERGREEN SPRING FRYEBURG, MAINE</p>	<p> 0 0.25 0.5 1 Miles NOTES: 1. ALL GENERAL DATA LAYERS ACQUIRED FROM THE MAINE OFFICE OF GIS AND/OR ESRI ONLINE. </p>	<p> LUETTE GEOLOGICAL SERVICES 66 FINE STREET PORTLAND, MAINE 04101 lgs@maine.lgs.com DATE: 2/11/2016 </p>
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March 23, 2017

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

RE: February 2017 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 February 21st, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
FEBRUARY 21st, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	397.75
MW-103	421.42	408.50
MW-105	404.98	379.16
MW-107	432.05	421.03
MW-108	419.88	408.91
MW-109	420.08	396.51
MW-110	461.84	414.54
MW-113	441.11	418.96
MW-114	405.25	384.27
TW-2 ⁴	404.19	401.91
TW-9	409.17	Frozen

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
3. MW refers to 'monitoring well'
4. TW refers to 'test well'

SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

- Saco River Monitoring Point (SRMP-1): surface water elevation is measured at the Route 113 bridge over the Saco River;
- Wards Pond Monitoring Point (WPMP-1): surface water elevation is measured at the Route 113 crossing over Wards Brook;
- Lovewell Pond Staff Gage (LPSG-1): surface water elevation is measured at the inlet from Wards Pond Brook; and,
- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on February 21st, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
FEBRUARY 21st, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.83	362.48
WPMP-1	401.22	Frozen
SRMP-1	418.85	Frozen
WPSG-2A	403.03	Frozen

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in early May 2016.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for February 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
FEBRUARY 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	3.15
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	3.67

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 8,561,270 gallons for the month of February 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

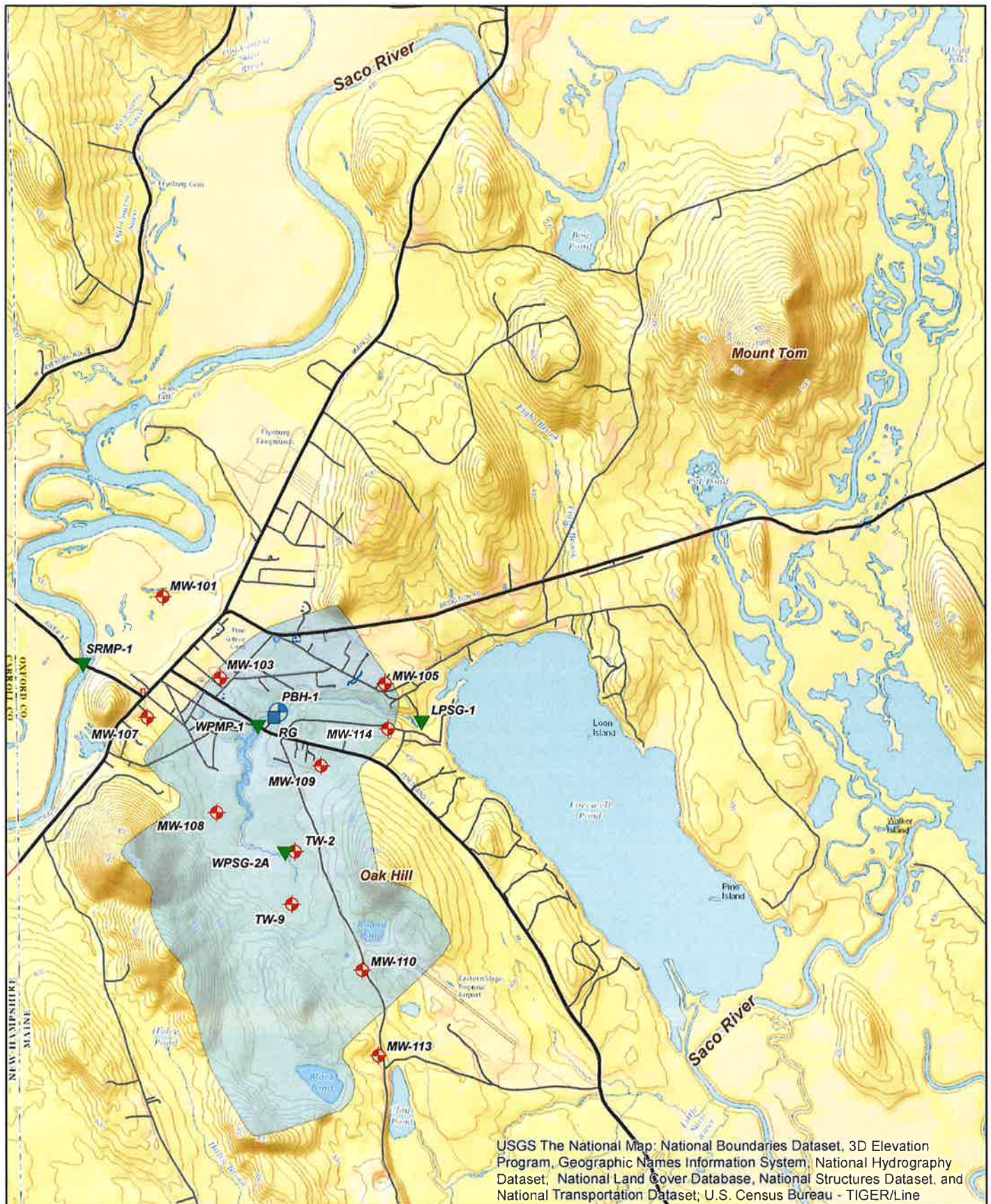
If you have any questions regarding the data included in this report, please do not hesitate to contact me at (207) 415-9898.

Sincerely,
Luetje Geological Services, LLC



Ed Luetje C.G.

cc: Fryeburg Water Company (Mr. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)



<ul style="list-style-type: none"> BOREHOLE MONITORING WELL RAIN GAUGE SURFACE WATER STATION WARDS BROOK WATERSHED (APPROXIMATE) 	<p>FIGURE 1 MONITORING LOCATIONS EVERGREEN SPRING FRYEBURG, MAINE</p>	<p>0 0.25 0.5 1 Miles</p> <p>NOTES: 1. ALL GENERAL DATA LAYERS ACQUIRED FROM THE MAINE OFFICE OF GIS AND/OR ESRI ONLINE.</p>	<p>N</p> <p>DATE: 2/11/2016</p> <p> L&S GEOTECHNICAL SERVICES 36 FORD STREET PORTLAND, MAINE 04101 gis@l-s.com </p>
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Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032

April 27, 2017

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

RE: March 2017 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 March 21st, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
MARCH 21st, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	398.64
MW-103	421.42	409.11
MW-105	404.98	379.58
MW-107	432.05	422.97
MW-108	419.88	409.34
MW-109	420.08	396.52
MW-110	461.84	414.74
MW-113	441.11	419.00
MW-114	405.25	384.88
TW-2 ⁴	404.19	402.28
TW-9	409.17	Frozen

- Notes:
1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
 2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
 3. MW refers to 'monitoring well'
 4. TW refers to 'test well'

SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

- Saco River Monitoring Point (SRMP-1): surface water elevation is measured at the Route 113 bridge over the Saco River;
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- Lovewell Pond Staff Gage (LPSG-1): surface water elevation is measured at the inlet from Wards Pond Brook; and,
- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on March 21st, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
MARCH 21st, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.83	362.50
WPMP-1	401.22	Frozen
SRMP-1	418.85	397.20
WPSG-2A	403.03	Frozen

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in early May 2016.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for March 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
MARCH 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	2.03
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	2.48

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 12,520,142 gallons for the month of March 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

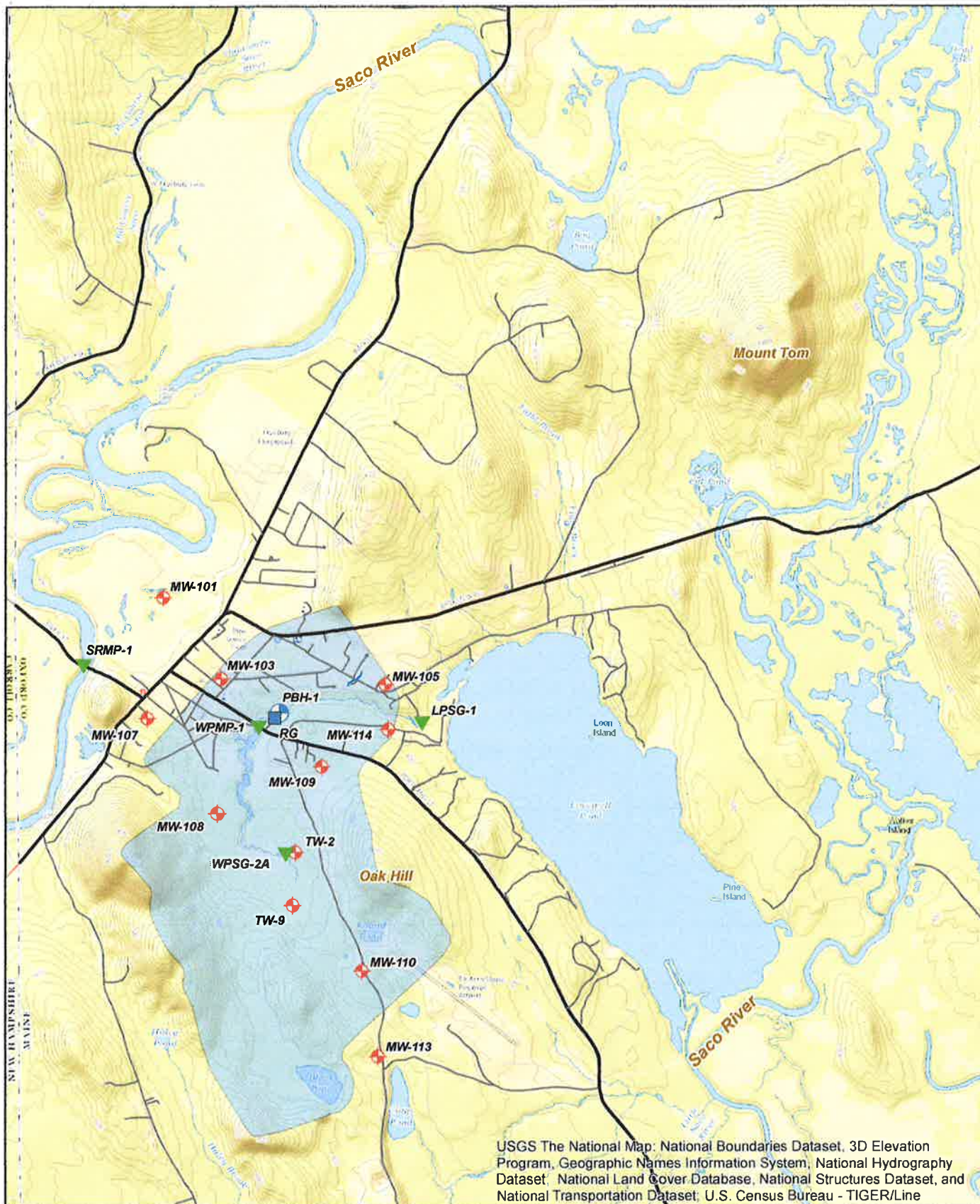
If you have any questions regarding the data included in this report, please do not hesitate to contact me at (207) 415-9898.

Sincerely,
Luetje Geological Services, LLC



Ed Luetje C.G.

cc: Fryeburg Water Company (Mr. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)








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

FIGURE 1
MONITORING LOCATIONS
EVERGREEN SPRING
FRYEBURG, MAINE

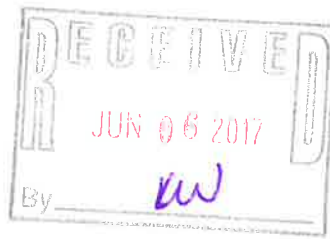
0 0.25 0.5 1 Miles



NOTES:
1. ALL GENERAL DATA LAYERS ACQUIRED FROM THE
MAINE OFFICE OF GIS AND/OR ESRI ONLINE.

DATE:
2/11/2016


LOUETTE GEOLOGICAL SERVICES
55 FORT STREET
PORTLAND, MAINE 04101
lg@maine.ri.com



Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032

May 22, 2017

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

RE: April 2017 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 April 19th, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
APRIL 19th, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	400.57
MW-103	421.42	411.37
MW-105	404.98	381.20
MW-107	432.05	427.72
MW-108	419.88	410.97
MW-109	420.08	398.33
MW-110	461.84	415.96
MW-113	441.11	420.14
MW-114	405.25	387.53
TW-2 ⁴	404.19	402.59
TW-9	409.17	409.07

- Notes:
1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
 2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
 3. MW refers to 'monitoring well'
 4. TW refers to 'test well'

SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

- Saco River Monitoring Point (SRMP-1): surface water elevation is measured at the Route 113 bridge over the Saco River;
- Wards Pond Monitoring Point (WPMP-1): surface water elevation is measured at the Route 113 crossing over Wards Brook;
- Lovewell Pond Staff Gage (LPSG-1): surface water elevation is measured at the inlet from Wards Pond Brook; and,
- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on April 19th, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
APRIL 19th, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.82 ¹	FLOODED
WPMP-1	401.22	399.21
SRMP-1	418.85	399.10
WPSG-2A	402.67 ¹	401.37

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in May 2017.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for April 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
APRIL 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	4.68
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	4.86

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 11,895,108 gallons for the month of April 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

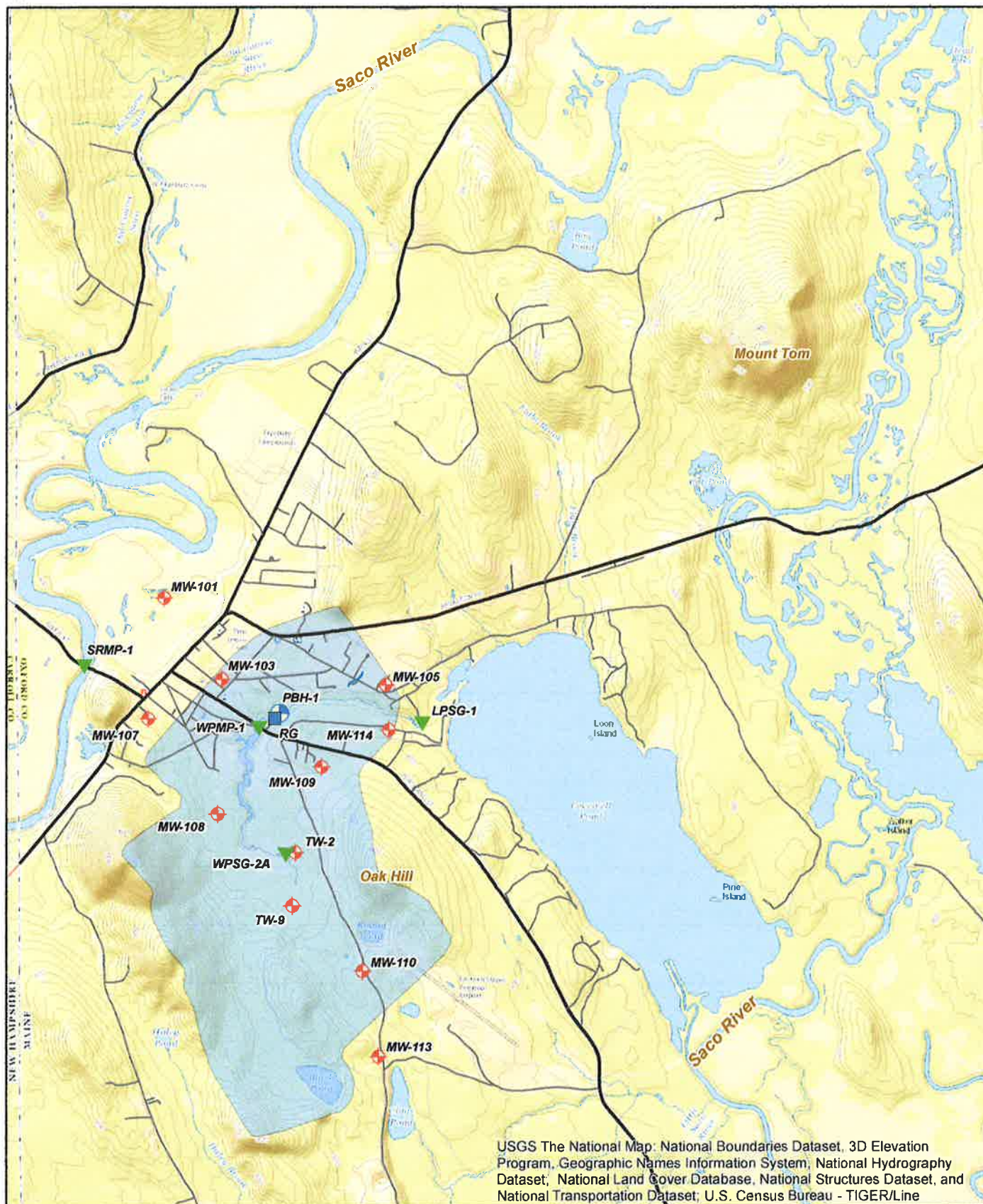
If you have any questions regarding the data included in this report, please do not hesitate to contact me at (207) 415-9898.

Sincerely,
Luetje Geological Services, LLC



Ed Luetje C.G.

cc: Fryeburg Water Company (Mr. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)



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

FIGURE 1
MONITORING LOCATIONS
EVERGREEN SPRING
FRYEBURG, MAINE

0 0.25 0.5 1 Miles

NOTES:
1. ALL GENERAL DATA LAYERS ACQUIRED FROM THE
MAINE OFFICE OF GIS AND/OR ESRI ONLINE



DATE:
2/11/2016

LUS
LUSATJ GEOLOGICAL SERVICES
10 FORD STREET
PORTLAND, MAINE 04101
lus@lusinc.com



Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032

June 30, 2017

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

JUL 10 2017

W

RE: May 2017 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 May 18th, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
MAY 18th, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	400.17
MW-103	421.42	412.18
MW-105	404.98	381.45
MW-107	432.05	427.85
MW-108	419.88	411.72
MW-109	420.08	399.59
MW-110	461.84	419.09
MW-113	441.11	421.95
MW-114	405.25	387.40
TW-2 ⁴	404.19	405.77
TW-9	409.17	410.68

- Notes:
1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
 2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
 3. MW refers to 'monitoring well'
 4. TW refers to 'test well'

SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

- Saco River Monitoring Point (SRMP-1): surface water elevation is measured at the Route 113 bridge over the Saco River;
- Wards Pond Monitoring Point (WPMP-1): surface water elevation is measured at the Route 113 crossing over Wards Brook;
- Lovewell Pond Staff Gage (LPSG-1): surface water elevation is measured at the inlet from Wards Pond Brook; and,
- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on May 18th, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
MAY 18th, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.82 ¹	364.69
WPMP-1	401.22	399.40
SRMP-1	418.85	398.65
WPSG-2A	402.67 ¹	401.21

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in May 2017.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for May 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
MAY 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	6.31
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	7.25

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 9,157,185 gallons for the month of May 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

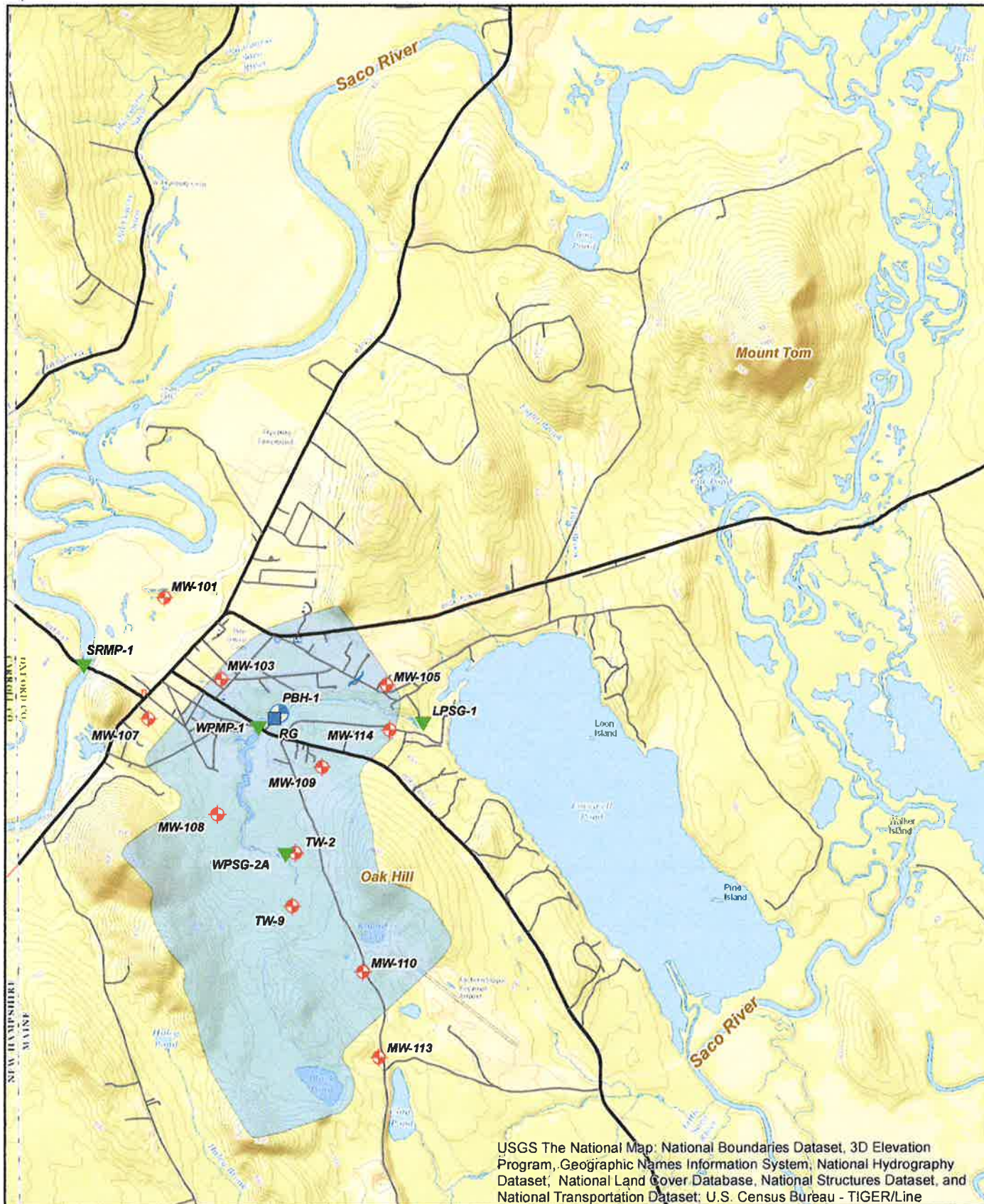
If you have any questions regarding the data included in this report, please do not hesitate to contact me at (207) 415-9898.

Sincerely,
Luetje Geological Services, LLC



Ed Luetje C.G.

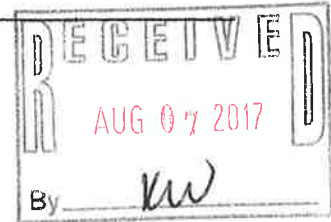
cc: Fryeburg Water Company (Mr. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)



<ul style="list-style-type: none"> BOREHOLE MONITORING WELL RAIN GAUGE SURFACE WATER STATION WARDS BROOK WATERSHED (APPROXIMATE) 	<p>FIGURE 1 MONITORING LOCATIONS EVERGREEN SPRING FRYEBURG, MAINE</p>	<p>0 0.25 0.5 1 Miles</p> <p>NOTES: 1. ALL GENERAL DATA LAYERS ACQUIRED FROM THE MAINE OFFICE OF GIS AND/OR ESRI ONLINE</p>	<p style="text-align: center;">N</p> <p style="text-align: center;">DATE: 2/11/2016</p> <p style="text-align: right;"> <small>LOUISIANA GEOLOGICAL SERVICES 66 FORT STREET PORTLAND, MAINE 04101 lg@maine.n.com</small> </p>
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Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032



July 25, 2017

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

RE: June 2017 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 June 19th, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
JUNE 19th, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	399.11
MW-103	421.42	411.99
MW-105	404.98	380.92
MW-107	432.05	426.91
MW-108	419.88	411.50
MW-109	420.08	400.14
MW-110	461.84	419.85
MW-113	441.11	422.27
MW-114	405.25	385.99
TW-2 ⁴	404.19	405.99
TW-9	409.17	411.07

- Notes:
1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
 2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
 3. MW refers to 'monitoring well'
 4. TW refers to 'test well'

SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

- Saco River Monitoring Point (SRMP-1): surface water elevation is measured at the Route 113 bridge over the Saco River;
- Wards Pond Monitoring Point (WPMP-1): surface water elevation is measured at the Route 113 crossing over Wards Brook;
- Lovewell Pond Staff Gage (LPSG-1): surface water elevation is measured at the inlet from Wards Pond Brook; and,
- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on June 19th, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
JUNE 19th, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.82 ¹	362.54
WPMP-1	401.22	400.10
SRMP-1	418.85	396.65
WPSG-2A	402.67 ¹	401.13

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in May 2017.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for June 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
JUNE 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	2.92
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	4.12

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 4,726,293 gallons for the month of June 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

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. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)

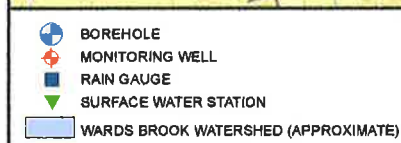
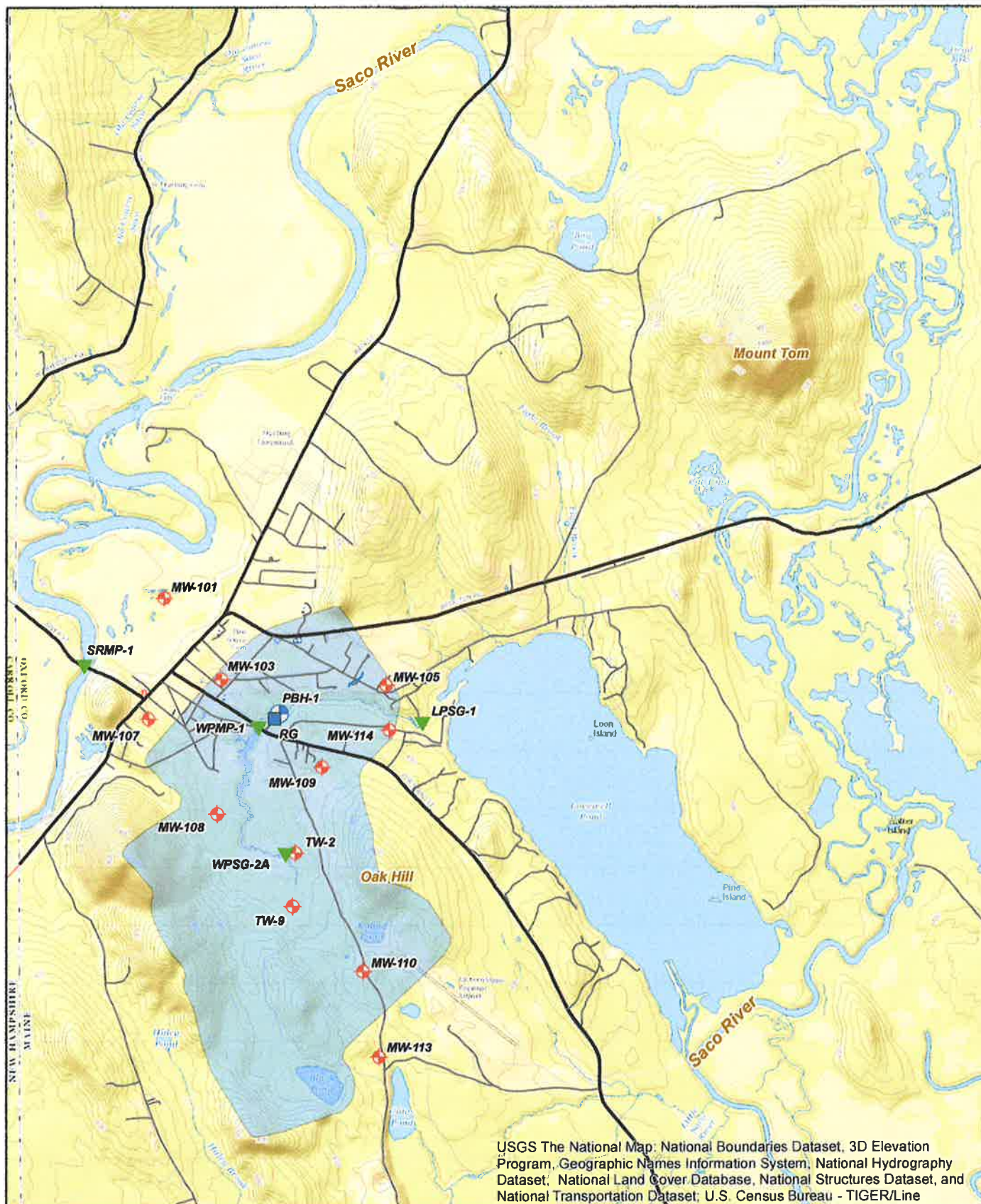
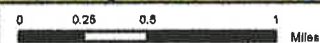


FIGURE 1
MONITORING LOCATIONS
EVERGREEN SPRING
FRYEBURG, MAINE



NOTES:
1. ALL GENERAL DATA LAYERS ACQUIRED FROM THE
MAINE OFFICE OF GIS AND/OR ESRI ONLINE



DATE:
2/11/2016

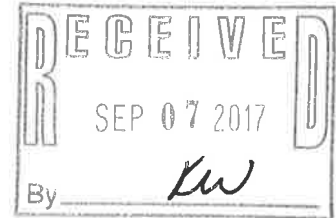




Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032

August 25, 2017

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



RE: July 2017 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 July 20th, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
JULY 20th, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	399.12
MW-103	421.42	412.13
MW-105	404.98	380.67
MW-107	432.05	426.53
MW-108	419.88	411.11
MW-109	420.08	399.55
MW-110	461.84	419.39
MW-113	441.11	421.85
MW-114	405.25	385.66
TW-2 ⁴	404.19	404.37
TW-9	409.17	410.66

- Notes:
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SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

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- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on July 20th, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
JULY 20th, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.82 ¹	362.53
WPMP-1	401.22	399.96
SRMP-1	418.85	396.95
WPSG-2A	402.67 ¹	401.18

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in May 2017.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for July 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
JULY 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	5.59
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	2.24 ²

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.
2. KIZG missing data for July 1st and 2nd. On-Site gauge recorded 3.55" of precipitation on July 1st, 2017.

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 10,456,032 gallons for the month of July 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

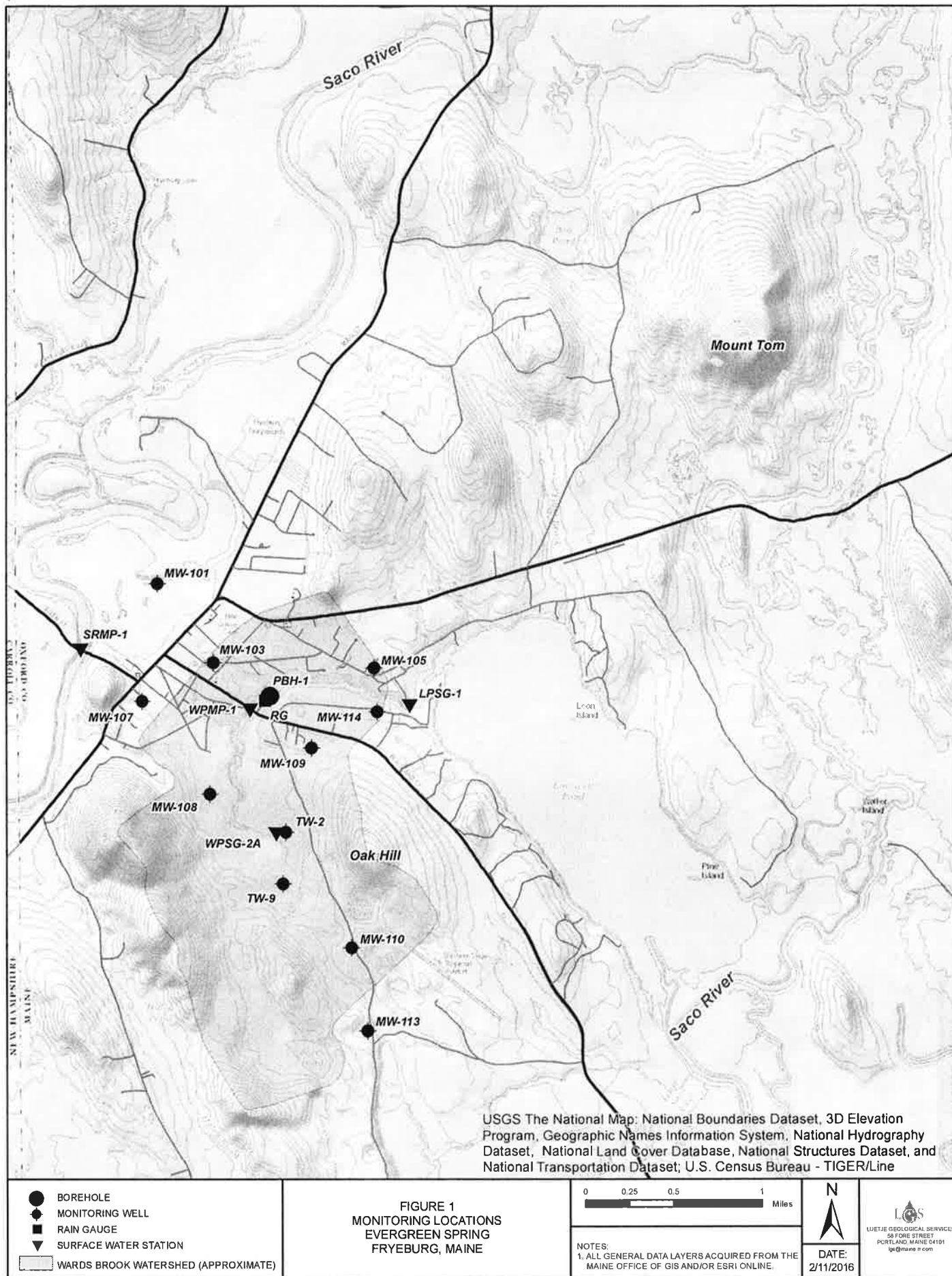
If you have any questions regarding the data included in this report, please do not hesitate to contact me at (207) 415-9898.

Sincerely,
Luetje Geological Services, LLC



Ed Luetje C.G.

cc: Fryeburg Water Company (Mr. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)

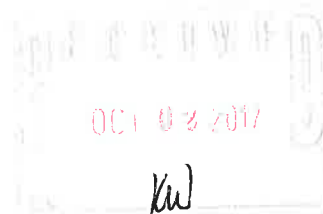




Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032

September 25, 2017

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



RE: August 2017 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 August 23rd, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
AUGUST 23rd, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	397.73
MW-103	421.42	411.11
MW-105	404.98	379.84
MW-107	432.05	424.26
MW-108	419.88	409.68
MW-109	420.08	398.58
MW-110	461.84	418.40
MW-113	441.11	421.20
MW-114	405.25	384.06
TW-2 ⁴	404.19	403.98
TW-9	409.17	409.75

- Notes:
1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
 2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
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SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

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- Wards Pond Monitoring Point (WPMP-1): surface water elevation is measured at the Route 113 crossing over Wards Brook;
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- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.



Table 2 presents the surface water elevation data measured on August 23rd, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
AUGUST 23rd, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.82 ¹	362.39
WPMP-1	401.22	399.78
SRMP-1	418.85	396.01
WPSG-2A	402.67 ¹	400.97

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in May 2017.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for August 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
AUGUST 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	2.02
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	1.95

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 5,293,002 gallons for the month of August 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

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. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)

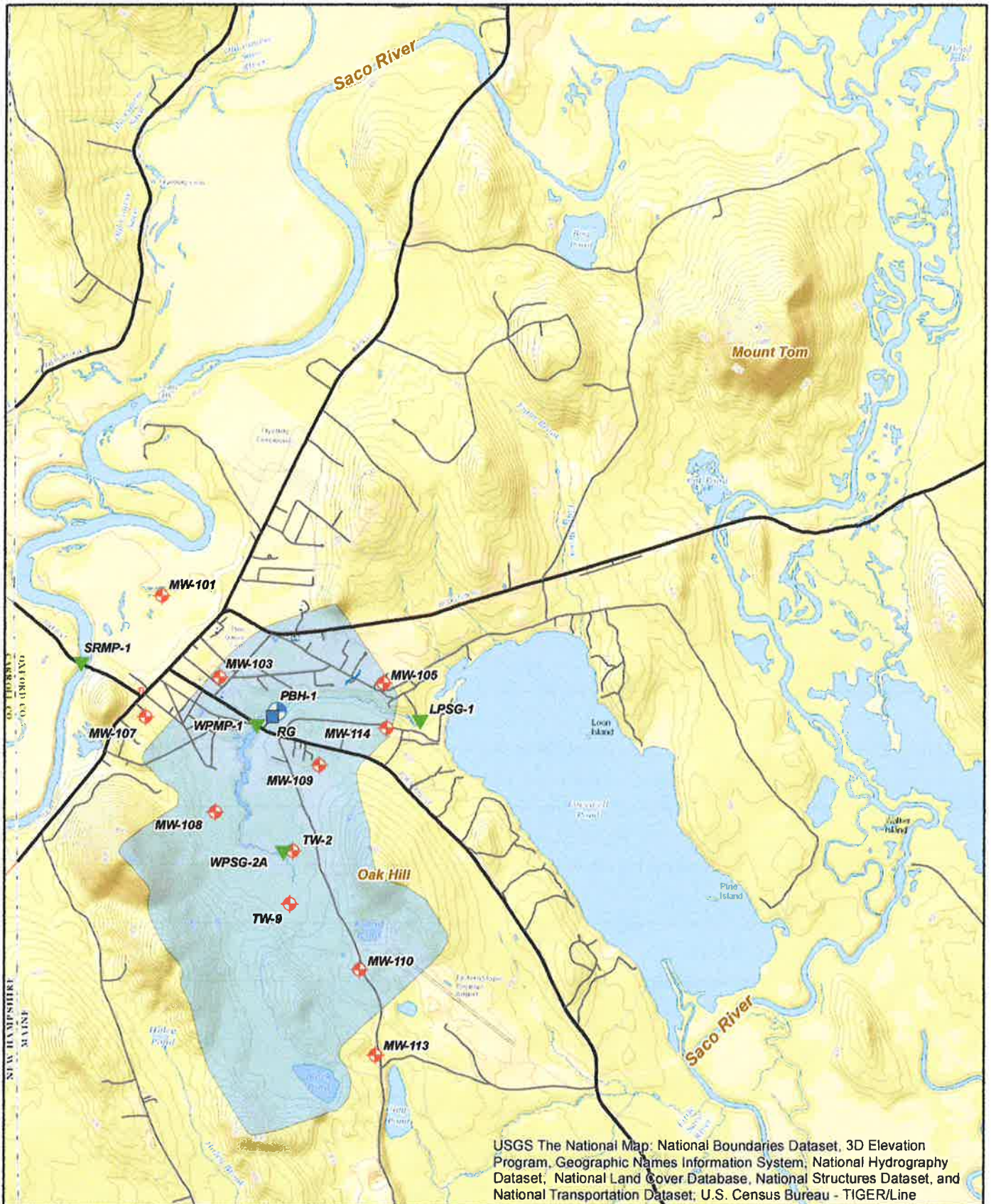


FIGURE 1
MONITORING LOCATIONS
EVERGREEN SPRING
FRYEBURG, MAINE

0 0.25 0.5 1
Mile

NOTES:
1. ALL GENERAL DATA LAYERS ACQUIRED FROM THE
MAINE OFFICE OF GIS AND/OR ESRI ONLINE

DATE:
2/11/2016

LOUISIANA
LUTJUE GEOLOGICAL SERVICES
10 FORT STREE
PORTLAND, MAINE 04101
lgs@maine.net

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



Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032



October 25, 2017

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

RE: September 2017 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 19th, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
SEPTEMBER 19th, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	398.20
MW-103	421.42	411.00
MW-105	404.98	379.71
MW-107	432.05	423.48
MW-108	419.88	409.56
MW-109	420.08	398.10
MW-110	461.84	417.69
MW-113	441.11	420.74
MW-114	405.25	384.14
TW-2 ⁴	404.19	402.72
TW-9	409.17	409.29

- Notes:
1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
 2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
 3. MW refers to 'monitoring well'
 4. TW refers to 'test well'

SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

- Saco River Monitoring Point (SRMP-1): surface water elevation is measured at the Route 113 bridge over the Saco River;
- Wards Pond Monitoring Point (WPMP-1): surface water elevation is measured at the Route 113 crossing over Wards Brook;
- Lovewell Pond Staff Gage (LPSG-1): surface water elevation is measured at the inlet from Wards Pond Brook; and,
- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on September 19th, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
SEPTEMBER 19th, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.82 ¹	362.44
WPMP-1	401.22	399.80
SRMP-1	418.85	396.20
WPSG-2A	402.67 ¹	401.10

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in May 2017.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for September 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
SEPTEMBER 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	4.45
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	6.28

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 6,749,205 gallons for the month of September 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

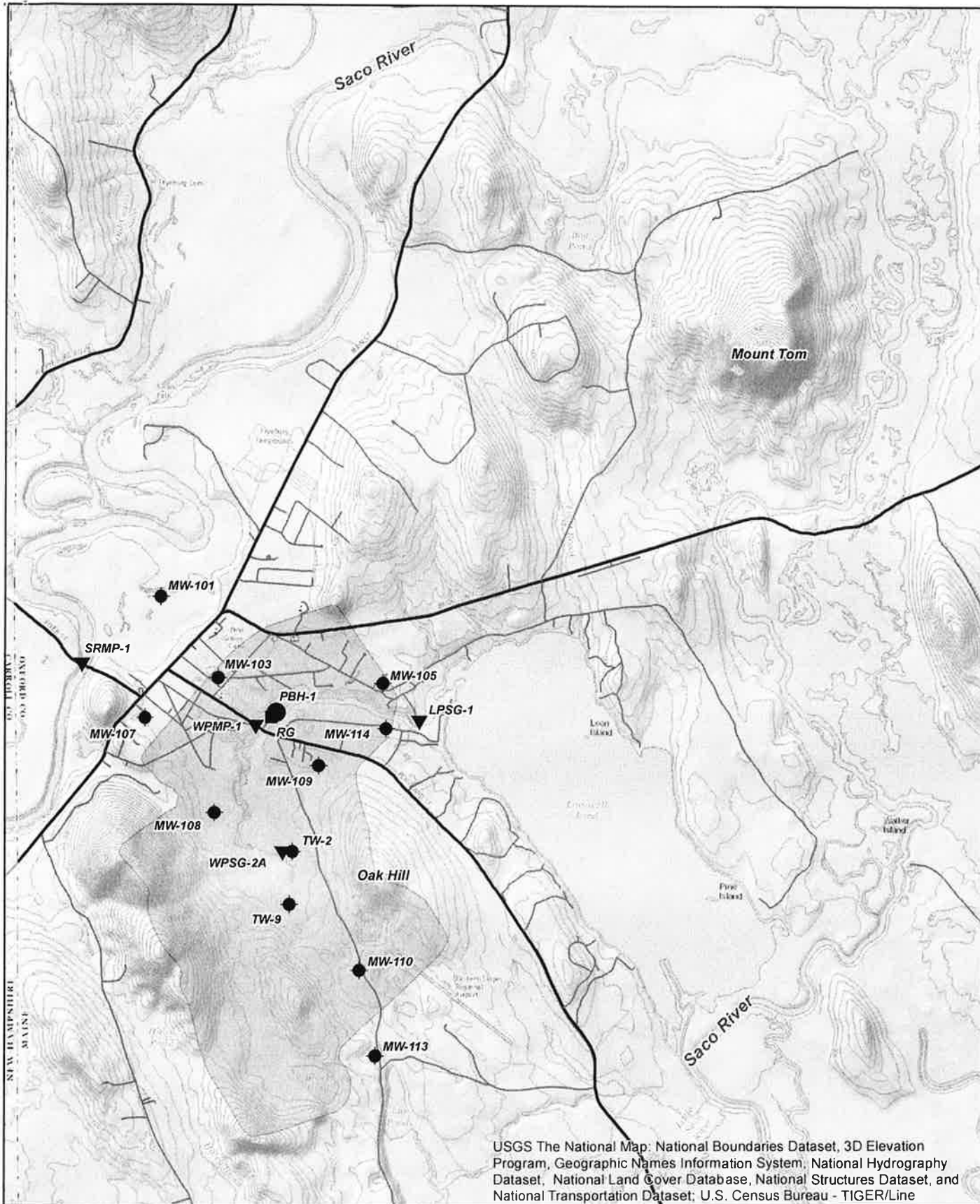
If you have any questions regarding the data included in this report, please do not hesitate to contact me at (207) 415-9898.

Sincerely,
Luetje Geological Services, LLC



Ed Luetje C.G.

cc: Fryeburg Water Company (Mr. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)



- BOREHOLE
- ◆ MONITORING WELL
- RAIN GAUGE
- ▼ SURFACE WATER STATION
- ▨ WARDS BROOK WATERSHED (APPROXIMATE)

FIGURE 1
MONITORING LOCATIONS
EVERGREEN SPRING
FRYEBURG, MAINE

0 0.25 0.5 1 Miles

NOTES:
1. ALL GENERAL DATA LAYERS ACQUIRED FROM THE
MAINE OFFICE OF GIS AND/OR ESRI ONLINE



DATE:
2/11/2016

LOUISIANA
LUTHE GEOLOGICAL SERVICES
50 FORT STREET
PORTLAND, MAINE 04101
lg@maine.com



Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032

November 30, 2017

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

DEC 14 2017

W

RE: October 2017 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 October 18th, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
OCTOBER 18th, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	397.44
MW-103	421.42	410.31
MW-105	404.98	379.34
MW-107	432.05	422.12
MW-108	419.88	408.71
MW-109	420.08	397.63
MW-110	461.84	417.94
MW-113	441.11	420.23
MW-114	405.25	383.42
TW-2 ⁴	404.19	403.03
TW-9	409.17	408.63

- Notes:
1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
 2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
 3. MW refers to 'monitoring well'
 4. TW refers to 'test well'

SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

- Saco River Monitoring Point (SRMP-1): surface water elevation is measured at the Route 113 bridge over the Saco River;
- Wards Pond Monitoring Point (WPMP-1): surface water elevation is measured at the Route 113 crossing over Wards Brook;
- Lovewell Pond Staff Gage (LPSG-1): surface water elevation is measured at the inlet from Wards Pond Brook; and,
- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on October 18th, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
OCTOBER 18th, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.82 ¹	362.44
WPMP-1	401.22	400.07
SRMP-1	418.85	395.27
WPSG-2A	402.67 ¹	400.93

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in May 2017.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for October 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
OCTOBER 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	7.75
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	6.61

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 8,847,987 gallons for the month of October 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

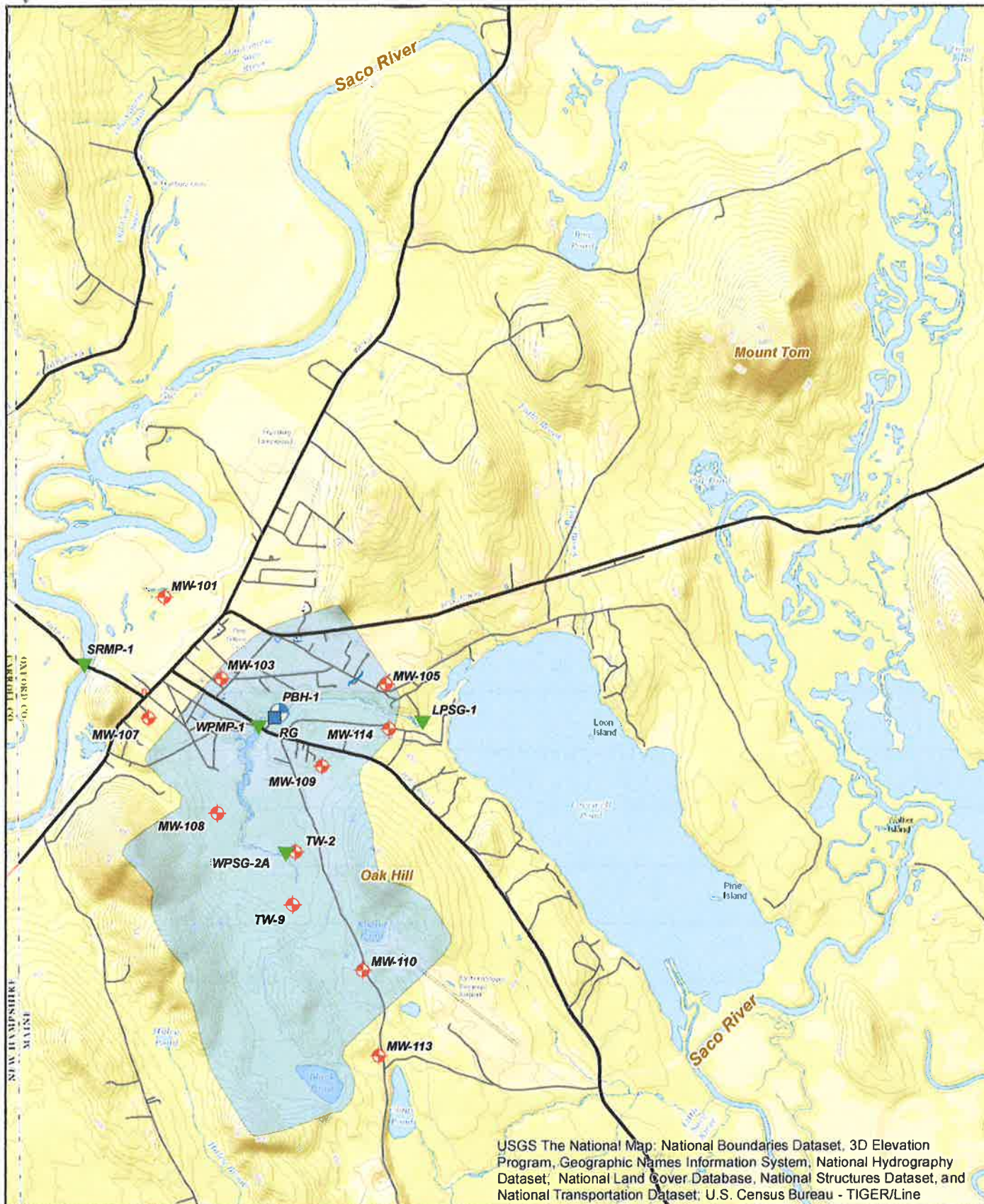
If you have any questions regarding the data included in this report, please do not hesitate to contact me at (207) 415-9898.

Sincerely,
Luetje Geological Services, LLC



Ed Luetje C.G.

cc: Fryeburg Water Company (Mr. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)








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

FIGURE 1
MONITORING LOCATIONS
EVERGREEN SPRING
FRYEBURG, MAINE

0 0.25 0.5 1 Miles

NOTES:
1. ALL GENERAL DATA LAYERS ACQUIRED FROM THE
MAINE OFFICE OF GIS AND/OR ESRI ONLINE



DATE:
2/11/2016


MAINE OFFICE OF GEOLOGICAL SERVICES
58 FORD STREET
PORTLAND, MAINE 04101
wgs@maine.gov



Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032

December 27, 2017

JAN 05 2018

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

kw

RE: November 2017 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 November 20th, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
NOVEMBER 20th, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	400.01
MW-103	421.42	411.62
MW-105	404.98	380.40
MW-107	432.05	424.91
MW-108	419.88	410.53
MW-109	420.08	398.24
MW-110	461.84	418.04
MW-113	441.11	420.39
MW-114	405.25	385.40
TW-2 ⁴	404.19	403.87
TW-9	409.17	frozen

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
3. MW refers to 'monitoring well'
4. TW refers to 'test well'

SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

- Saco River Monitoring Point (SRMP-1): surface water elevation is measured at the Route 113 bridge over the Saco River;
- Wards Pond Monitoring Point (WPMP-1): surface water elevation is measured at the Route 113 crossing over Wards Brook;
- Lovewell Pond Staff Gage (LPSG-1): surface water elevation is measured at the inlet from Wards Pond Brook; and,
- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on November 20th, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
NOVEMBER 20th, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.82 ¹	362.74
WPMP-1	401.22	400.57
SRMP-1	418.85	397.77
WPSG-2A	402.67 ¹	401.46

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in May 2017.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for November 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
NOVEMBER 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	2.45
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	2.52

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 8,947,128 gallons for the month of November 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

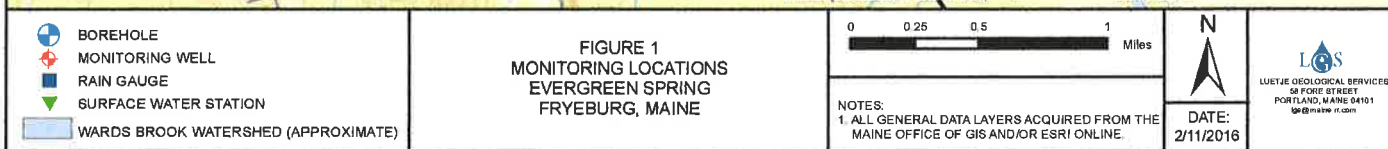
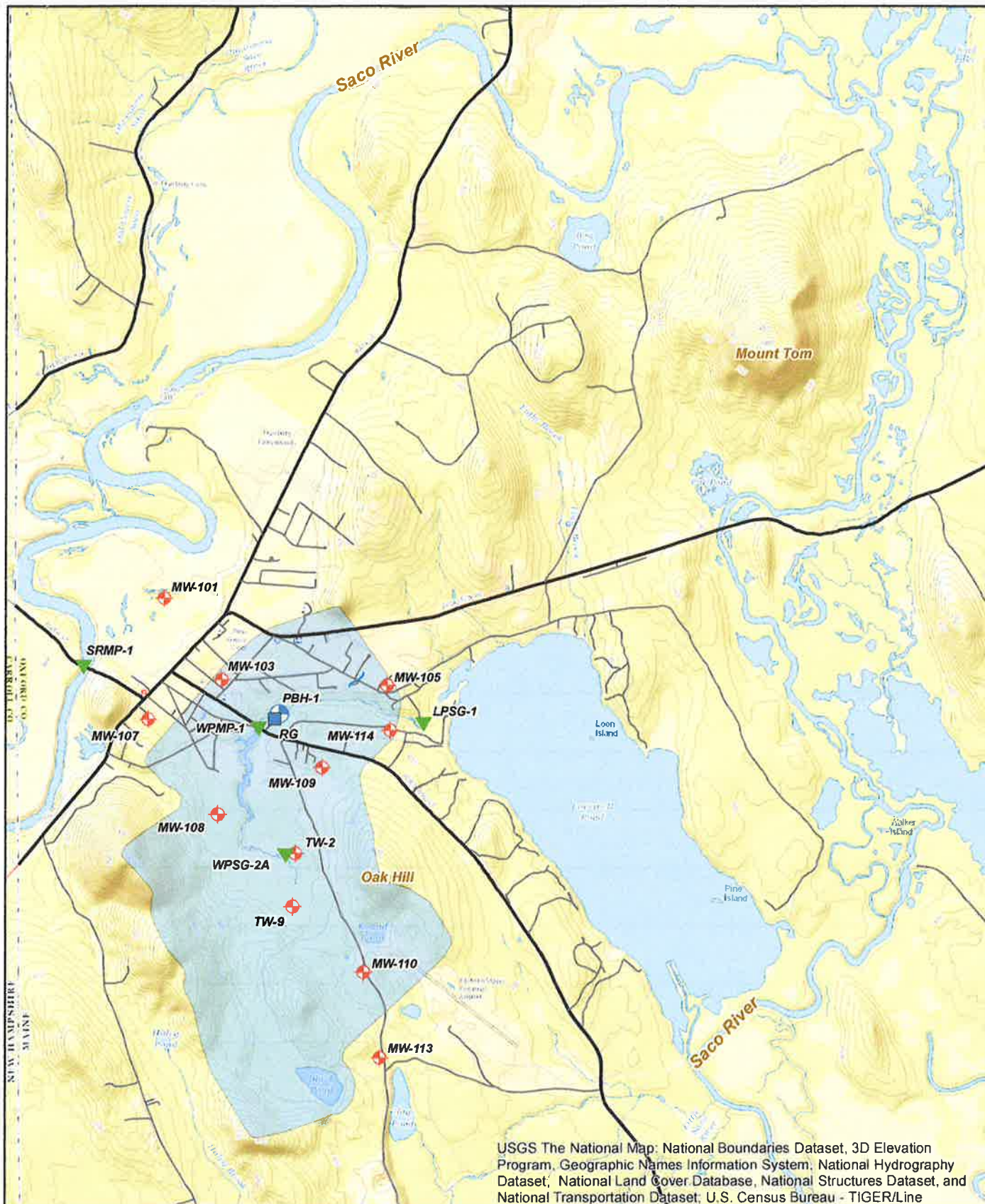
If you have any questions regarding the data included in this report, please do not hesitate to contact me at (207) 415-9898.

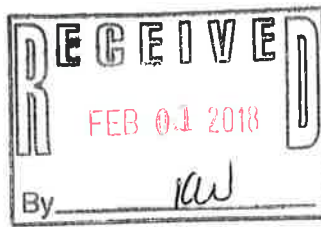
Sincerely,
Luetje Geological Services, LLC



Ed Luetje C.G.

cc: Fryeburg Water Company (Mr. George Weston)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)





Luetje Geological Services, LLC
Ed Luetje, CG
153 Flying Point Road
Freeport, Maine 04032

January 23, 2018

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

RE: Evergreen Spring - December 2017 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 December 19th, 2017.

**TABLE 1: GROUNDWATER ELEVATION DATA
DECEMBER 19th, 2017**

Monitoring Well	Reference Elevation (feet NAVD) ¹	Groundwater Elevation (feet NAVD) ²
MW-101 ³	408.32	398.88
MW-103	421.42	411.24
MW-105	404.98	380.22
MW-107	432.05	424.74
MW-108	419.88	410.50
MW-109	420.08	398.04
MW-110	461.84	418.21
MW-113	441.11	420.42
MW-114	405.25	385.74
TW-2 ⁴	404.19	404.47
TW-9	409.17	409.52

- Notes:
1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of casing for monitoring wells) elevation in feet NAVD. New reference elevations were provided by Bliss Associates in November 2015.
 2. The Groundwater Elevation is the elevation of the water table (feet NAVD) at the monitoring well.
 3. MW refers to 'monitoring well'
 4. TW refers to 'test well'

SURFACE WATER

Surface water elevation is measured at four locations in and around the Wards Brook Aquifer watershed as seen in Figure 1. Spring water was flowing to the ground surface this month near PBH-1 as observed at the main spring pool weir and several nearby springs. The surface water elevation measuring locations are as follows:

- Saco River Monitoring Point (SRMP-1): surface water elevation is measured at the Route 113 bridge over the Saco River;
- Wards Pond Monitoring Point (WPMP-1): surface water elevation is measured at the Route 113 crossing over Wards Brook;
- Lovewell Pond Staff Gage (LPSG-1): surface water elevation is measured at the inlet from Wards Pond Brook; and,
- Wards Pond Staff Gage (WPSG-2A): surface water elevation is measured near the center of the watershed in a bog located to the south of Wards Pond.

Table 2 presents the surface water elevation data measured on December 19th, 2017.

**TABLE 2: SURFACE WATER ELEVATION DATA
DECEMBER 19th, 2017**

Surface Water Station	Reference Elevation (feet NAVD) ¹	Surface Water Elevation (feet NAVD) ²
LPSG-1	364.82 ¹	362.49
WPMP-1	401.22	399.79
SRMP-1	418.85	Ice
WPSG-2A	402.67 ¹	Ice

Notes: 1. NAVD is the North American Vertical Datum (1988). The Reference Elevation is the measuring point (usually the top of the staff gage for surface water stations) elevation in feet NAVD. New reference elevations were surveyed by LGS in May 2017.
2. The Surface Water Elevation is the elevation of the water surface (feet NAVD) at the monitoring station.

PRECIPITATION

Precipitation is recorded on-site adjacent to PBH-1 using an Onset Data Logging Rain Gauge (RG) as shown on Figure 1. The on-site rain gauge has a self-tipping bucket that is activated with every 0.01 inches of precipitation. The gauge is also wrapped with heat tape that melts snowfall and allows measurement of precipitation through the winter months.

Precipitation data are also recorded at the Fryeburg Eastern Slopes Airport (ICAO Station KIZG, Northeast Regional Climate Center). The Fryeburg Eastern Slopes Airport is approximately two miles to the south of the on-site rain gauge. Table 3 presents monthly precipitation data for December 2017.

**TABLE 3: FRYEBURG AREA PRECIPITATION DATA
DECEMBER 2017**

Station ID	Monthly Precipitation Total (Inches)
On-Site Rain Gauge (RG)	3.99
Fryeburg Eastern Slopes Airport (ICAO Station KIZG) ¹	3.28

Notes: 1. Data provided by ICAO Station KIZG is preliminary prior to compilation of the Annual Report.

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 11,371,148 gallons for the month of December 2017.

Based on the groundwater and surface water data collected in Fryeburg, Luetje Geological Services has not observed any adverse impact to waters of the State, water-related natural resources and existing uses as a result of the sale of water by the Fryeburg Water Company to Poland Spring.

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. George Weston)
Fryeburg Water District (Mr. Scot Montgomery)
Maine Water Company (Mr. Rick Knowlton, Mr. Aric Odone)
Emery & Garrett Groundwater, Inc. (Mr. Peter Garrett)
Poland Spring (Mr. Mark Dubois, Mr. Joshua Bowe)

