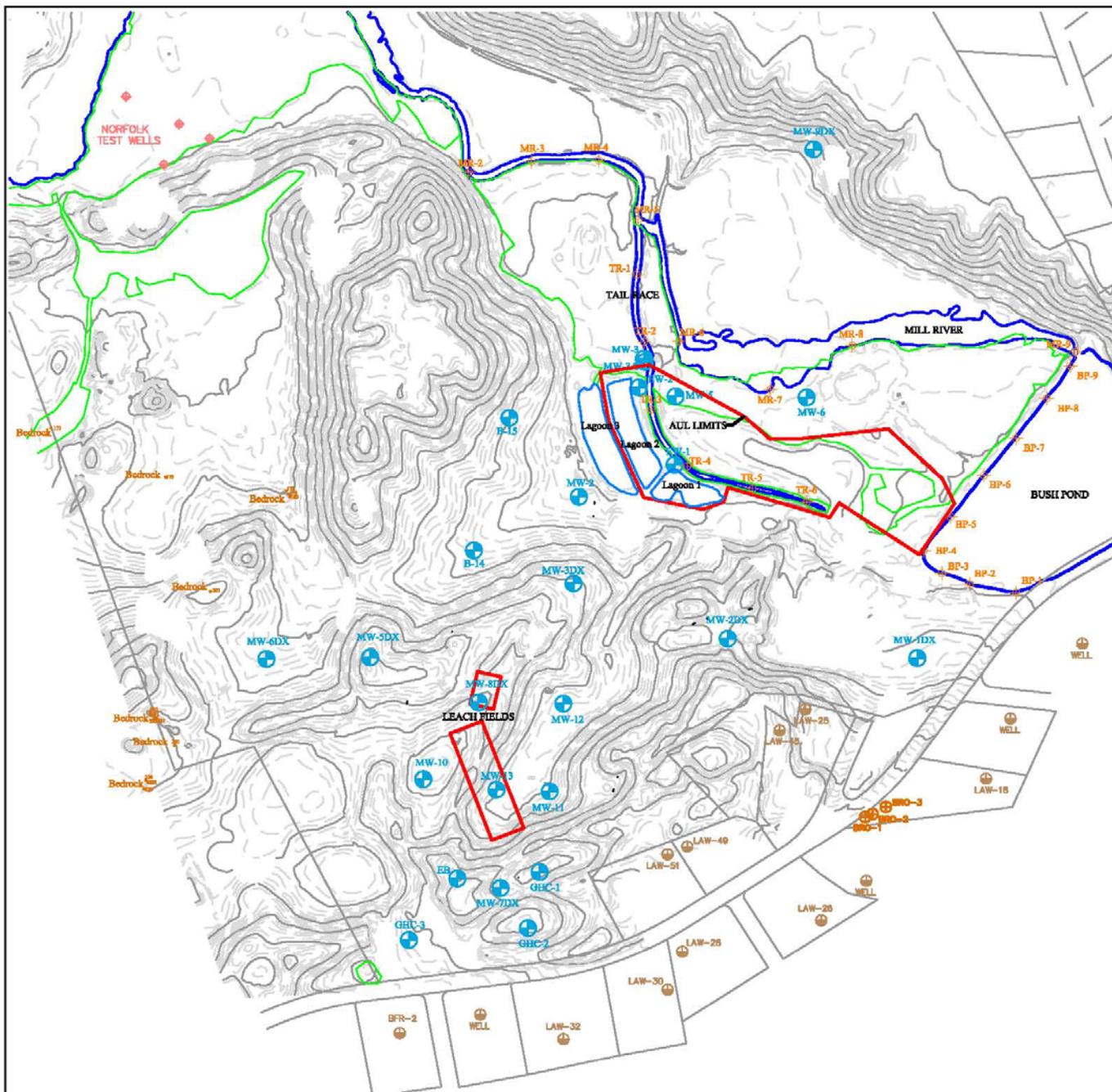


Hydrogeologic Evaluation Abbyville Commons

GeoHydroCycle, Inc.
Stephen Smith, P.E., P.HGW.

Abbyville Commons
17 Lawrence Street
Norfolk, MA 02056

Figure 1A. Site
Features.



LEGEND:

-  Groundwater Monitoring Well and Soil Boring Locations.
-  Surface Water Measurement Locations: Bush Pond, Mill River, Tail Race.
-  Private Well Locations with Driller's Log.
-  Bedrock Outcrops on Lawrence Street.



Scale in feet

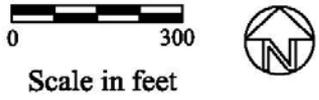
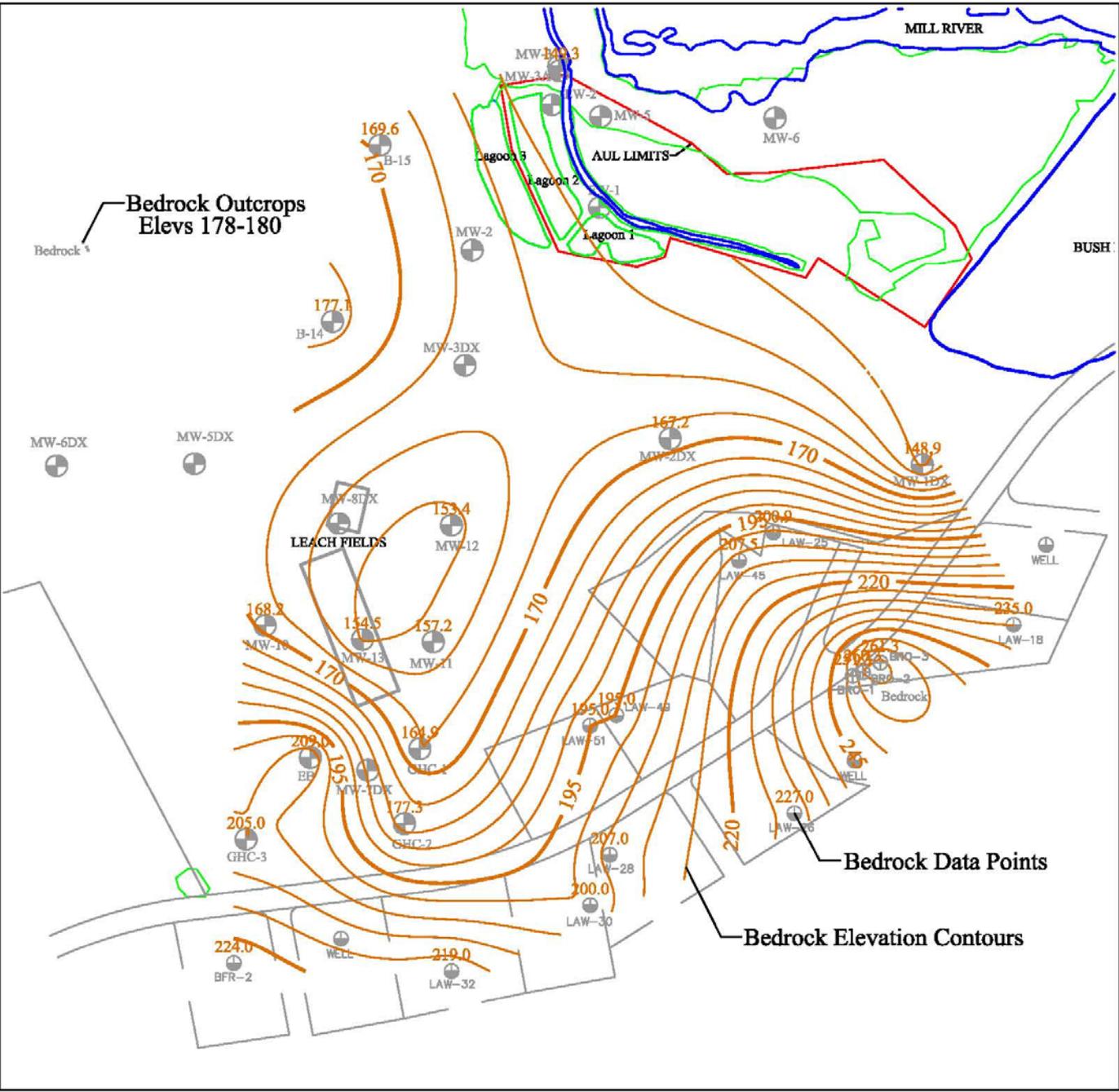


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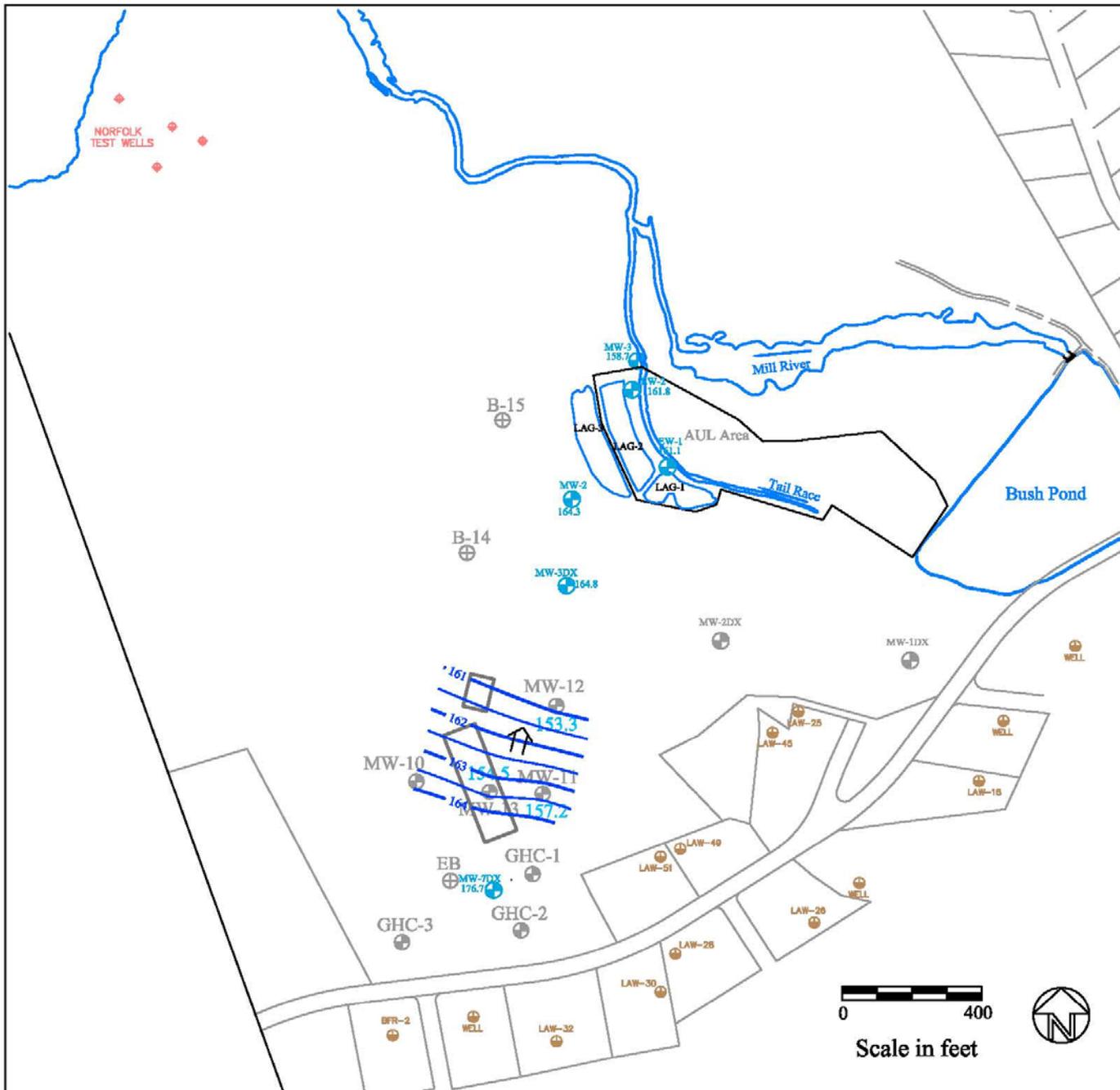
Figure 2. Revised
 Bedrock Elevation
 Contours.



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Figure 3. Groundwater Contour Elevations,
 Measured 11/15/17.



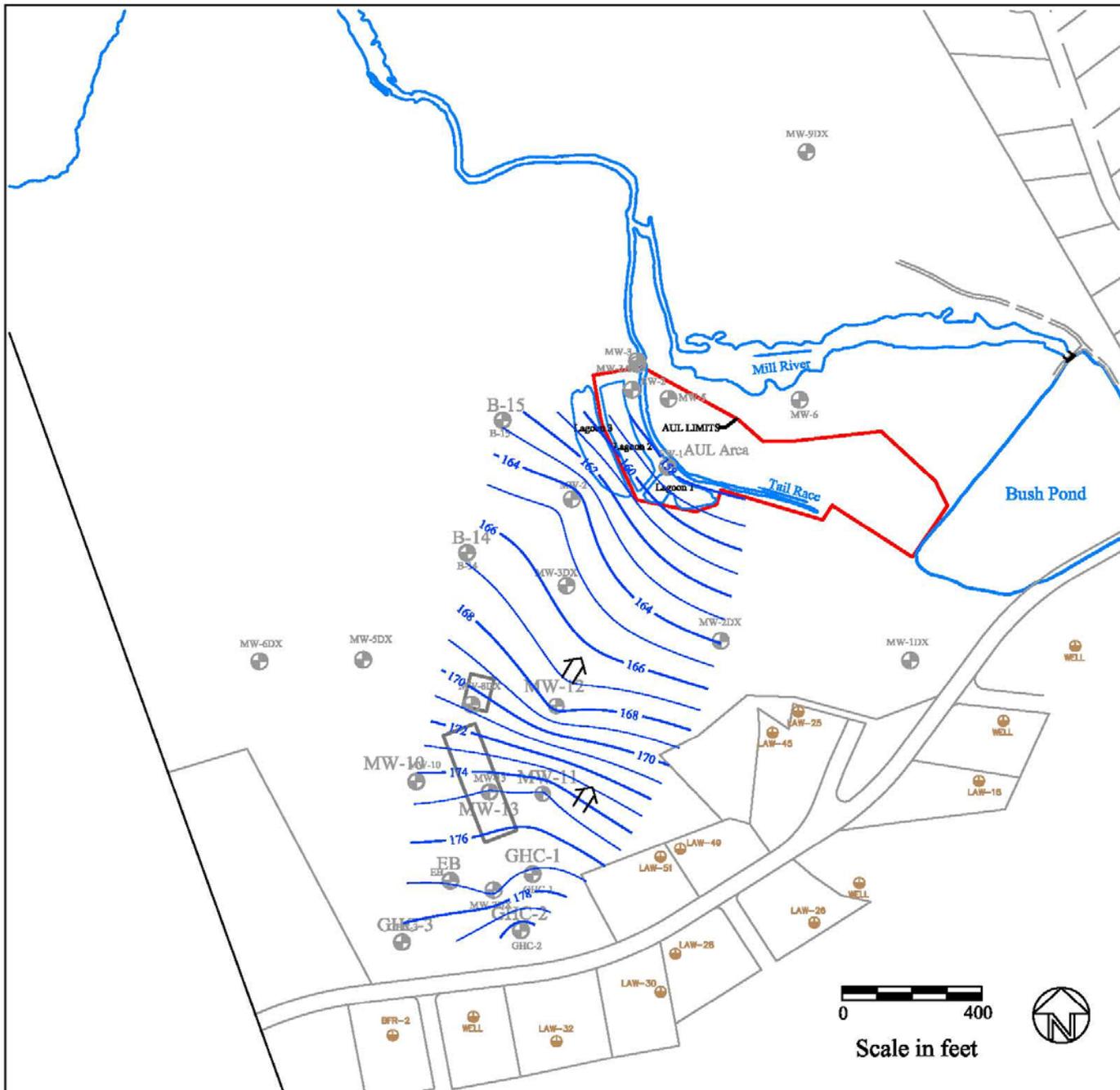
- LEGEND:**
- 160 Groundwater Elevation Contours. Interval = 0.5 foot.
 - Groundwater Monitoring Well Locations.
 - Inferred Groundwater Flow Direction.

- NOTES:**
1. Groundwater contour data are calculated and interpreted as described in the text.
 2. Groundwater contours are based on widely spaced well locations and may not reflect actual groundwater elevations.
 3. Groundwater contours are presented for the purposes of this report only.

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Figure 6. Groundwater Contour Elevations,
Measured 2/20/18.



- LEGEND:**
- 160 Groundwater Elevation Contours. Interval = 1.0 foot.
 - Inferred Groundwater Flow Direction.
 - Groundwater Monitoring Well Locations.

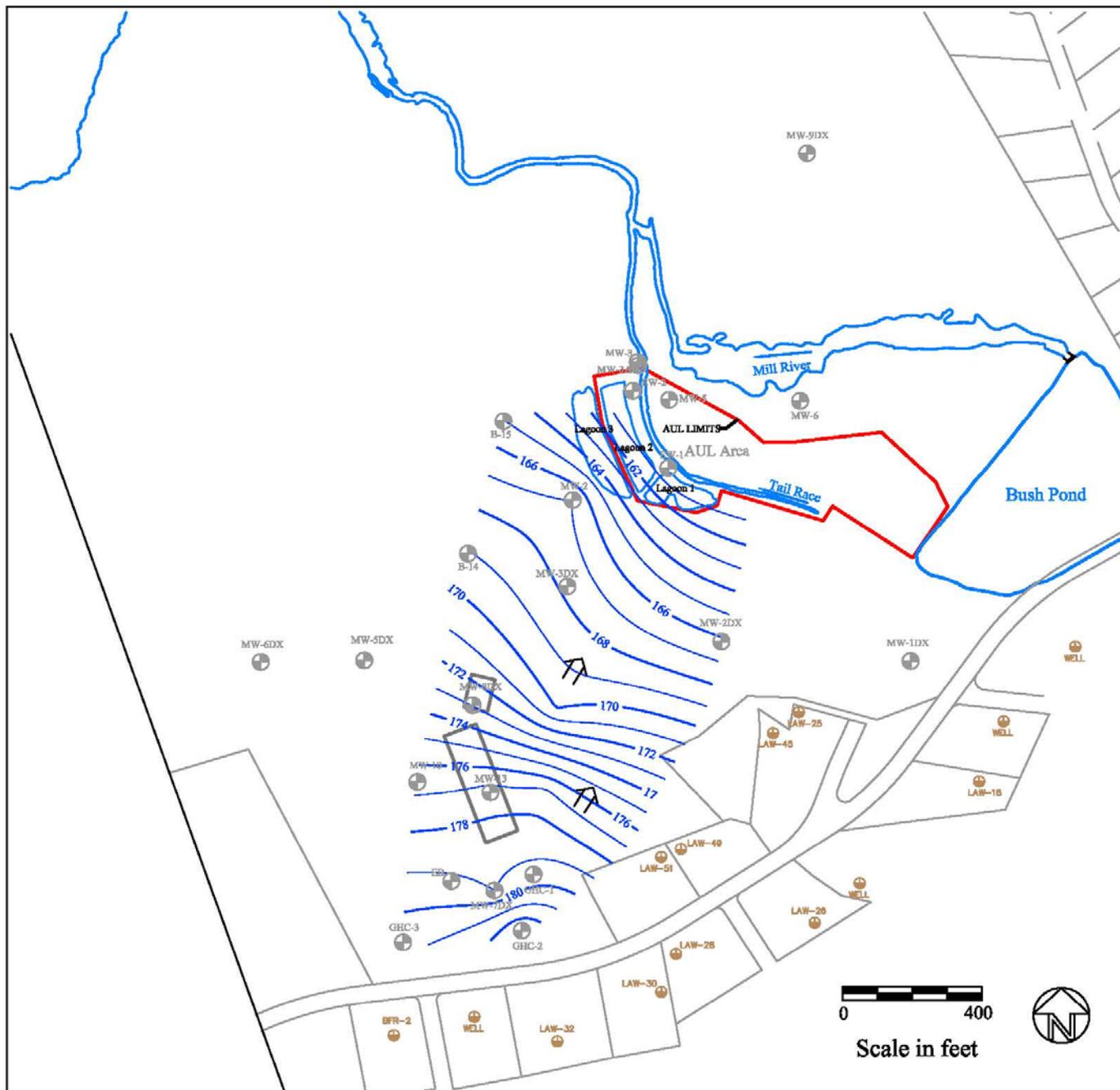
- NOTES:**
1. Groundwater contour data are calculated and interpreted as described in the text.
 2. Groundwater contours are based on widely spaced well locations and may not reflect actual groundwater elevations.
 3. Groundwater contours are presented for the purposes of this report only.

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0 400
Scale in feet

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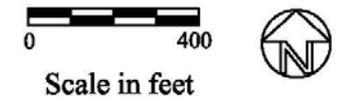
Figure 7. Estimated
 Seasonal High
 Groundwater Contour
 Elevations.



- LEGEND:**
- Groundwater Elevation Contours. Interval = 1.0 foot.
 - Inferred Groundwater Flow Direction.
 - Groundwater Monitoring Well Locations.

- NOTES:**
1. Groundwater contour data are calculated and interpreted as described in the text.
 2. Contours are based on 2/20/18 groundwater readings plus a Frimpter adjustment of 2.28 feet.
 3. Groundwater contours are based on widely spaced well locations and may not reflect actual groundwater elevations.
 4. Groundwater contours are presented for the purposes of this report only.

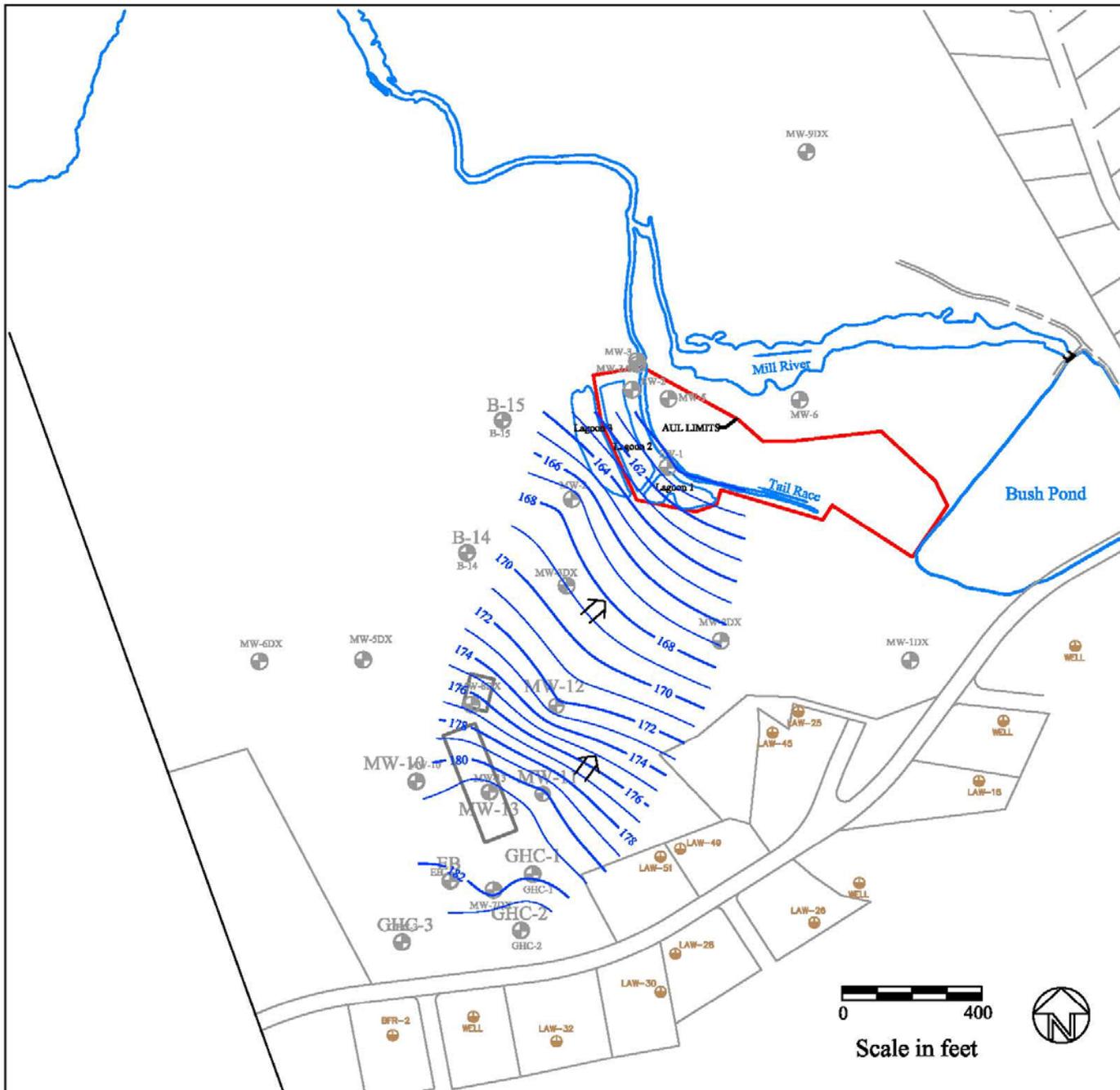
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Figure 10. Simulated Mounded Seasonal High Groundwater Contour Elevations, Wastewater Discharge: 80% of 64,000 GPD.



- LEGEND:**
- 306 Groundwater Elevation Contours. Interval = 0.5 foot.
 - Inferred Groundwater Flow Direction.
 - Groundwater Monitoring Well Locations.

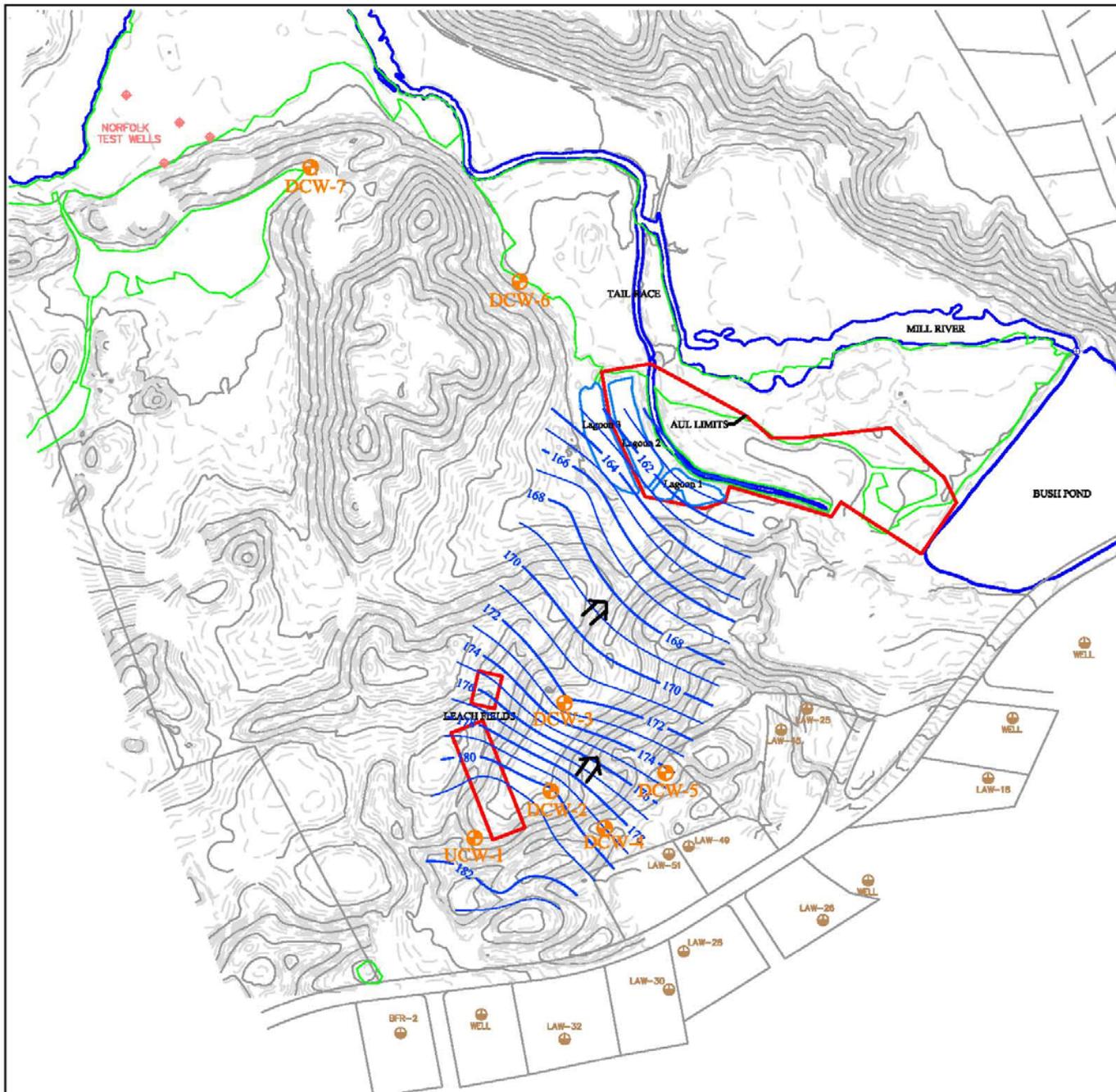
- NOTES:**
1. Groundwater contour data are calculated and interpreted as described in the text.
 2. Treated wastewater discharge = 64,000 gallons per day. Modelled 80% of 64,000 gpd.
 3. Total Leaching footprint = 39,168 square feet.
 4. Groundwater contours are presented for the purposes of this report only.

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Figure 13. Compliance
Monitoring Wells.



LEGEND:

-  Groundwater Compliance Monitoring Well Locations.
-  Private Well Locations with Driller's Log.
-  160 Mounded Seasonal High Groundwater Elevation Contours. Interval = 1.0 foot.
-  Inferred Groundwater Flow Direction.

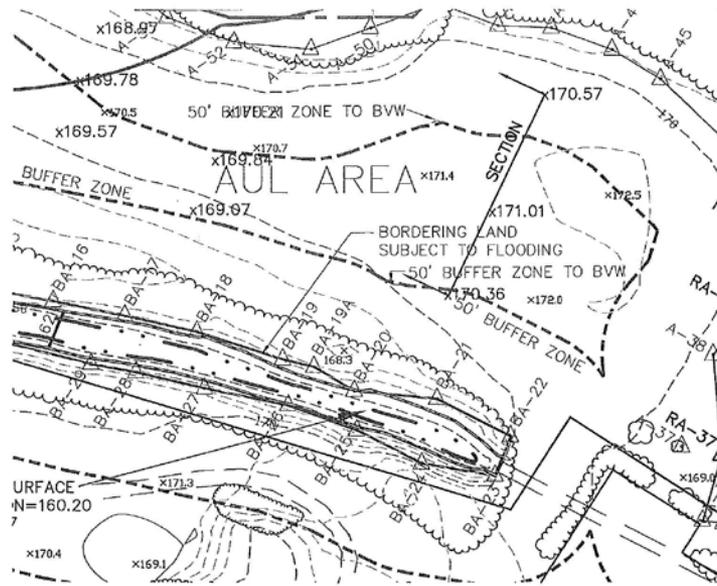


Scale in feet

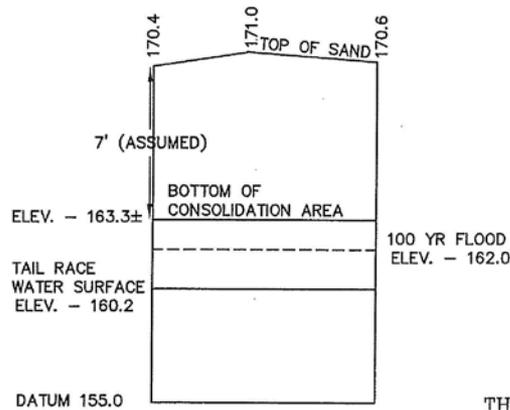


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PLAN VIEW
SCALE: 1" = 40'



SECTION VIEW
SCALE: H - 1" = 40'
V - 1" = 4'

THE PRESERVE AT ABBYVILLE
& ABBYVILLE COMMONS
AUL AREA PLAN
NORFOLK, MASSACHUSETTS
FOR
ABBYVILLE DEVELOPMENT, LLC.
& ABBYVILLE RESIDENTIAL, LLC
850 FRANKLIN STREET
WRENTHAM, MASSACHUSETTS
DATE: FEB. 23, 2018
SCALE: 1" = 40'







