

Bridgeton Nockamixon Tinicum Groundwater Management Committee

Tuesday, September 12, 2023

In attendance: Todd Stone, Dr. Riley Murphy, Dr. Carrie Manfrino, Bill Ballantine, Dr. Art Baehr, Mary Lennon, Tom Eckhoff, Dr. Stephen Donovan

The next BNTGMC meeting is scheduled for Tuesday October 10, 2023, 7:30 PM via Zoom.

Call to order 7:30 PM, via Zoom

1. Approval of August 8, 2023 meeting minutes.
2. Treasurer's Report: No new expenditures. \$6294.57 in account.
3. Old Business: Template Groundwater Withdrawal Ordinance: At its August meeting, the Nockamixon Board of Supervisors directed the revised ordinance be advertised for final approval at its September 21 meeting. At its September 5 meeting, the Nockamixon Planning Commission recommended passage of the ordinance.

Seasonal Monitoring Project: Spring readings in Tinicum and Bridgeton taken and archived by Mary and Art. Nockamixon readings taken by Dr. Donovan. Fall readings to be taken Oct. 1.

Continuous Monitoring Network and Archiving Projects:

- Deployment of monitors: Mary Lennon report on status of network. Mountainview well has been replaced with new WW670 monitor on well on Durham Road that can mirror Palisades well monitor which has failed due to 100% humidity in pit.
- Mini Pump Testing: Stephen Donovan suggested that the next mini test be conducted with new monitor on the new deep Diabase well added to the monitoring program.
- Data offsets: Dr. Baehr continues to adjust data offsets to correlate with historic sonic ping records. Mary periodically pings wells to check for offsets and identify discontinuities of data.
- Stream monitoring: Conductivity meter re-installed and operating on Rapp Creek.
- Recent Studies: Dr. Baehr has updated the water budget for Tohickon watershed with our new data and continues to refine local drought monitor.

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BNTgroundwater.org: August readings posted.

Water Quality Testing: Strategy for expanding water quality testing in our program: Dr. Baehr and Bill Ballentine prepared a revised work plan which addresses issues such a program would entail. Outreach to and input from Township Supervisors needed. Committee members individually to pursue water quality testing through Penn Extension lab as initial step. Dr. Murphy and Dr. Baehr to draft template for archiving local water quality data. Request to be made to Penn State Extension to share data on testing in our Townships. Need to assemble list of labs for water testing. Tom Eckhoff is investigating other options through Master Well Owner program.

Eco-Bucks: Eco-Bucks is collaborating with BNTGMC in support for two adult education sessions on understanding and protecting our local aquifer, digital recordings of the sessions, and an upgrading of BNTGMC website to present videos and upgrade interface.

Palisades School District: The BNTGMC has purchased and sponsored the installation of a solar powered weather station on the new science wing at PHS. Dr. Donovan is in contact with Palisades School District about BNTGMC partnering on scientific program with its data and providing mentoring opportunity to a student intern this fall. Well monitor at Palisades HS has failed.

Boarhead Farm - Bridgeton / EPA: BNTGMC advising Bridgeton BoS to pursue water testing with modern instrumentation and the use of a modern semi-volatile organic chemical (s-VOC) GC/MS analysis to determine high concentrations of contaminants on site. Bridgeton has again asked EPA to share water testing data or allow Township to sample its own. Personnel shake-up at EPA has delayed its response.

Ottsville TCE plume- Dr. Donovan shared recent map of DEP's monitoring of Ottsville TCE plume. Nockamixon Township has requested an update from DEP of its monitoring of the plume.

Public Outreach: Dr. Carrie Manfrino led an update on BNTGMC activities to Tincum BoS at its Sept. 5 meeting. The Tincum Board will find a date for an

executive session to discuss groundwater ordinance and water quality testing initiative.

4. New Business: None

5. Public Comment: None

Meeting adjourned at 9:00 pm.