

BRIDGETON-NOCKAMIXON-TINICUM
GROUNDWATER MANAGEMENT COMMITTEE
Bucks County
PO Box 100
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Chair:	Todd Stone	N	Secretary:	Dr. Riley Murphy	T
Vice-Chair:	Dr. Robert B. Stanfield	T	Treasurer:	Dr. Stephen F. Donovan	N
	Dr. Joan Ramage	T		Larry Reinfeld Esq.	B

Monthly Meeting Minutes for Wednesday – June 15, 2016
Tinicum Township Building, 7:30 pm

In Attendance:

Todd Stone (BNTGMC- Nockamixon) Dr. Robert Stanfield (BNTGMC –Tinicum) Dr. Stephen Donovan (BNTGMC Nockamixon) Dr. Riley Murphy (BNTGMC -Tinicum) Larry Reinfeld, Esq. (BNTGMC-Bridgeton)

Minutes of May 18, 2016 were approved as amended.

Treasurer’s Report: No new expenses

TS drafted letter reporting to WT Fund BNTGMC year’s progress and request continued funding with inclusion of budget request. WT requested authority from financially responsible entity Tinicum Township of approval of request. RS to secure from Jim Sabbath, interim manager.

Nockamixon:

Static Water Level Study: Continued data collection and Cloud based archiving. Review Dr. Murphy’s presentation of graphic depiction of groundwater data for newsletter and website.

Seasonal Variation Study: Dr. Donovan spot measured 14 wells in Nockamixon Township for annual spring readings.

Stream monitoring Study: BNTGMC is collecting conductivity readings for points on Gallows Run, Rapp Creek, Tohickon Creek and Deep Run. No new readings

Template Groundwater Management Ordinance- Review of suggestions for revisions needed to recommend Tinicum Groundwater Management Ordinance as BNT Template Ordinance. Committee reviewed those changes and communications with Nockamixon solicitor, Bridgeton and Tinicum BoS.

Bridgeton:

Seasonal Variation Study: Dependable Yield in Fractured Rock – Mary Lennon conducted annual spring well level test. Need equipment upgrade to monitor deep diabase well.

Groundwater Management Ordinance: TS sent letter to Bridgeton BoS updating them at their request on the status of template Groundwater Management Ordinance.

Tinicum:

Groundwater Management Ordinance – Tinicum BoS at its Dec. 15, 2015 meeting approved an ordinance to amend its zoning ordinance to add a new section that will regulate groundwater withdrawal within the township to ensure the availability of reliable, safe and adequate water supplies to support permitted land uses without causing detrimental impacts to other users by establishing the standards for the hydrogeologic evaluations to be conducted prior to drilling new wells or altering existing wells. They also passed a resolution establishing those groundwater regulations. The Board continues to review those standards. The BNTGMC has commented on inadequacies of current aquifer test standards. ECO Bucks has secured funding to have a recognized hydro-geologist report on BNT groundwater resources and regulation standards. The BNTGMC continues to offer advice as requested.

Seasonal Variation Study: Mary Lennon conducted annual spring well readings.

USGS technical assistance: -Continued review of recommendations from Dr. Dan Goode delivered at special work session with BNTGMC Jan. 6 at Tinicum Township.

“Prediction of the consequences of a 50 year drought” and “Aquifer Testing in a limited capacity aquifer”:

Recommendation to publish professionally and continue peer review: Both works still require editing.

BNTGWMC Monitoring/Research:

Trial of Aquimod as groundwater modeling software- Bucks Eco reviewing

Outreach to Adams County Groundwater Committee-Tabled

Recommendation for public sharing of BNTGMC data via website and educational outreach-

TS to send letter to Township Supervisors informing them of our planning to take steps to strengthen our educational effort, as defined in our bylaws, by starting the design of a webpage. In the current age of technology and information sharing, we feel that an internet representation of our committee is long overdue. The BNTGMC looks to share some of the knowledge and expertise gained over the past 16 years. While we have not posted any content, we have registered a domain name. bntgroundwater.org. and have considered what content to share.

We plan to share links to other water resources groups, a bibliography of relevant literature, links to our previous and future reports, and descriptions of some of the particular findings we've encountered regarding the water level data that we've collected over the years.

New Business:

No new business

The next regular BNTGMC meeting will be held on Wednesday July 20, 2016, 7:30 PM at Tincum Township.

Submitted by Todd Stone