



Flooding in North Wayne -- Considering the Options

**The Township Is Proposing a New Detention System at North Wayne Park:
Learn the Details, Get Your Questions Answered,
Voice Your Thoughts and Concerns**

Monday, June 30, 7 pm

**Radnor Township Public Works Garage located at 235 E. Lancaster Avenue,
Wayne, PA 19087**

Join with residents of Radnor

- ✓ to learn about the North Wayne Park Detention Basin proposal,
- ✓ to learn what is being proposed,
- ✓ to learn the concerns of fellow residents,
- ✓ to ask your questions,
- ✓ to urge consideration of a full array of options and
- ✓ to support a full and fair public process that ensures limited stormwater user fee dollars are invested to best affect for our community.

Residents surrounding the North Wayne field have requested a public meeting to talk about the North Wayne Park detention basin proposal. In response, Township Officials have organized a meeting.

According public statements and documents, construction of a new detention system at the Park will provide only “incremental” improvements/benefits for flooding and water quality protection.; it is unclear what is meant by “incremental improvement”. The level of reduction in actual flood damages, and the kind of damages that will be reduced, including to what degree, has not been provided. The project being proposed would require at least “partial waivers from infiltration, water quality and stream bank erosion permit requirements.”

The proposal includes providing fencing around portions of the park and would necessitate movement of park play and field amenities.

Important Questions:

- ☞ What will the project cost?
- ☞ The project is described as providing only “incremental improvement” to the frequency of flooding – what is “incremental improvement”?

- ☞ What is the level of flood reduction that will be obtained from the proposed detention project – i.e. how many inches or feet will flood waters be lowered?
- ☞ What is the level of flood damage reduction that will result?
- ☞ What kind of flood damages are to be reduced or avoided? First floor flooding? Basement flooding? Property erosion? Garden damage?
- ☞ What other alternatives have been considered and what level of flood reduction, flood damage reduction, and cost is associated with each individually and/or collectively?
- ☞ Why is there no upstream or downstream compliment to address volume and damages?
- ☞ With the Township staff and Commissioners recognizing that volume control is much better than peak rate control for flooding why is this a detention basin?
- ☞ Would the township cover the costs of moving the playground and making any needed baseball field adjustments?
- ☞ How much of the field and space would be left for public use and play?
- ☞ Will the Township have to buy the field from the School District? If so at what cost?
- ☞ If \$623,599 is spent on this project what is the likelihood of this community benefitting from another project?

Basic Background:

- The North Wayne Park is part of the Gulph Creek watershed. Gulph Creek is a tributary to the Schuylkill River which is a tributary to the Delaware River.
- At Poplar Avenue, the drainage area to the North Wayne Park is approximately 8% of the Gulph Creek Watershed. Only water from that area would be controlled by this feature. (Total drainage area to North Wayne Park is approximately 600 acres. The area that drains to the park is 46.58 acres.)
- The design engineer for the detention basin proposal has stated that the proposal should be considered only an “incremental improvement” for flooding issues. (3/28/14 Project Summary & 5/6/2014 powerpoint)
- The North Wayne Park is owned by the Radnor Township School District.
- The North Wayne Park is open for public use and is enjoyed by residents and organized sports throughout the year.
- The School District Facilities Committee was only approached about the proposed project on May 6th, after the Township invested significant resources in developing project plans.
- There currently exists a detention system at the North Wayne Park.
- The 5 solutions considered by CVE were all focused on a detention system at the North Wayne Field and according to a 5/6/2014 power point “Due to space limitation none of the options can meet current water quality regulations and will require partial waivers from infiltration, water quality and stream bank erosion permit requirements.”
- Projects at the AT&T site, at an auxiliary parking area, a series of mini systems distributed, bioretention at the southerly parking lot, potential work at the church of the savior were given some level of consideration but are not part of the proposed solution.
- A more comprehensive solution including stream restoration, proposed wetlands, structural buyouts was noted on a 5/6/2014 powerpoint with no information on incremental costs and benefits for partial implementation to take place over time, only a total cost of \$58 mil suggested.