

## Troutman, Nick

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**From:** John McCune <McCunejta2014@gmail.com>  
**Sent:** Wednesday, September 11, 2019 11:08 PM  
**To:** Troutman, Nick; Ward, Senator Judy; Yaw, Senator Gene; jyudichak@pasen.gov  
**Cc:** Schemel, Paul  
**Subject:** MS4 Hearing Input

### ■ EXTERNAL EMAIL ■

Sen. Yaw, Sen. Yudichak, Sen. Ward:

I am a citizen of Antrim township, Franklin County and my comments apply to the PA Senate Environmental and Energy Resources Committee MS4 hearing (SEP 11, 2019). I am a rural agricultural property owner and a rooftop (barn) solar array owner.

After listening to testimony today, some observations...

I appreciate the difficult position that state and local government is in in compliance with Federal Clean Water Act initiatives to protect the Chesapeake Bay watershed. I realize that the fees assessed to the landowning citizenry and businesses of Antrim Township are a fact of life for the current cycle of MS4 and PRP. I believe the Township was left to fend for itself in coming up with storm water mitigation remedy in meeting its new and unfunded MS4/PRP obligation. Consequently, local money will be spent in making some (arguably small and locally unmeasurable) progress toward stormwater runoff pollution reduction this cycle with no real or perceived benefit to the local community.

Moving forward in future cycles, at the state level, I would like to see DEP facilitate standards and detailed exemplar solutions (templates) for residential, industrial and agricultural remedies that ideally have some productive use and value (in each context) beyond stormwater management and pollutant reduction. DEP should be a technical resource that leverages the full scale of the State to facilitate development of (innovative) template solutions as tools to be used in repeatable implementation statewide. I believe a pre approved list of solutions by DEP would allow for a more streamlined and cost-effective process (application, documentation) for municipalities (or groups of municipalities).

A potential template example of productive use is the dual-use of localized stormwater retention ponds (that collect sediment) as small mixed pumped hydro systems for energy storage (promoting AEPS and PA Community Solar objectives as well as storm water management and pollutant reduction). Other productive uses are certainly imaginable.

Stable and consistent solution templates solicited (potentially through industry RFP), approved and published at the State level would incentivize industry to innovate, and municipalities to build/operate financially efficient and self-sustaining storm water management and pollutant reduction infrastructure. Some of this infrastructure could potentially be subsidized by private funds for the other value it provides.

I believe this is consistent with use cases discussed in PennDOT testimony and Pennsylvania Farm Bureau testimony. In either case, potentially combining with private investment in doing a fair share in meeting municipality compliance obligations. Communities would benefit through the minimized need for local government to charge fees for municipality-wide stormwater management and pollutant reduction projects.

Thanks for your service and consideration.

John McCune