

**Borough of Doylestown**

**Environmental Advisory Council**

**Minutes of the meeting held Tuesday, December 9, 2014**

**Attendance: Phil Cacossa, Joe Frederick, Michael Moscherosch, Steve Rubenstein, Kelli Scarlett, Joe Shandlay, Ron Strouse, Joe Wallace, Ken Crank, Mario Diliberto**

- 1) **Call to Order:** Joe Shandlay called the meeting to order at 7:30 pm
- 2) **Approval of Minutes:** Phil made a motion to approve the November minutes as drafted. The minutes were approved by unanimous vote.
- 3) **New Business:**

**Ken Crank, Director of Concrete Promotion of the Pennsylvania Aggregates and Concrete Association, supported by Mario Diliberto, President of Delaware Valley Concrete Co. Inc., gave a detailed presentation on pervious concrete. The presentation slides will be attached to the minutes. In summary, pervious concrete can mitigate storm water runoff due to its high permeability for water. As part of a storm water management system, installation of pervious concrete can contribute to points in the LEED rating system. In order to achieve the intended performance regarding permeability, the pervious concrete needs to be installed by experienced and certified installers, ensuring a sufficient drainage layer under the concrete and applying the correct installation techniques to achieve the intended permeability. It is recommended to consult a geologist regarding the drainage capability of the soil to be paved to determine the appropriate thickness of a drainage layer. The permeability performance of the concrete needs to be monitored against the baseline established at installation via testing using ASTM C1701 to determine if the surface needs to be cleaned either with a power washer, a vacuum assisted sweeper or equivalent equipment. Pervious concrete will need more maintenance and care compared to regular concrete. Unmaintained, the concrete will clog and lose its permeability. In addition to drainage, pervious concrete offers additional benefits such as safety due to reduced icing of the surface and potential energy savings: Due to its more reflective surface less lighting is needed e.g. on parking lots etc..**
- 4) **Old Business:**

**Clean Water Act (CWA):**  
Phil had drafted a EAC recommendation to the Doylestown Borough Council on the proposed changes to the Clean Water Act. The proposal was discussed and with several modifications was accepted by the EAC unanimously.
- 5) **Adjournment:** The meeting was adjourned at 9:27pm by common consent.
- 6) **Next Meeting:** The next EAC meeting is scheduled for January 20, 2015, 7:30pm in the Doylestown Borough Hall.