

## **BIRDSBORO PIPELINE PROJECT - NARRATIVE ADDENDUMS**

**MARCH 1<sup>ST</sup>, 2018**

### **PCSM - SECTION 6**

The following is an addendum to DTE's Birdsboro Pipeline Project PCSM narrative submitted December 2017.

In response to local agency requests, additional soil and infiltration testing was performed for the M&R Facility BMPs. All infiltration testing for the M&R Facility BMPs was conducted after the soil test pits were performed. All infiltration tests were performed at an appropriate depth, below the lowest proposed stormwater BMP elevation at each location. Because shallow limiting zones were revealed at all locations except LE6-P, infiltration tests at those locations were conducted at the surface (<1' depth). Because no limiting zones were identified at location LE6-P and because the bottom elevation of the BMP at this location is approximately 418', infiltration testing was conducted to a 4' depth (elevation 415.5') within test pit LE6-P (identified as Test Location LE6-4, see attachment).

### **E&S AND PCSM - SECTION 9**

The following is an addendum to DTE's Birdsboro Pipeline Project E&S and PCSM narrative submitted December 2017.

For Stage 1 of both pipeline and stormwater facility construction, sensitive areas to be delineated shall also include PCSM BMP locations. These locations are to be protected from compaction during construction.

### **E&S AND PCSM - SECTION 14**

The following is an addendum to DTE's Birdsboro Pipeline Project E&S and PCSM narrative submitted December 2017.

In response to local agency requests, bioretention facilities have been removed and only infiltration facilities remain.

A portion of the project is not located in a special protection watershed or siltation-impaired watershed. However, the disturbed area will be reduced as much as practicable, tree removal will be limited and infiltration facilities (geoweb) will be installed to eliminate the net change in stormwater runoff rate, volume and quality. Locations and details are included on the plan drawings.

The other portion of the project is located in a special protection watershed. To minimize the impact, the disturbed area will be reduced as much as practicable, tree removal will be limited and no construction is proposed within 150' of the existing stream (Unnamed Tributary to Bieber Creek – EV). In addition, infiltration trenches will be constructed to eliminate the net change in stormwater runoff rate, volume and quality. ABACTs will be used for construction, including a 100' long rock construction entrance and compost filter socks. Locations and details are included on the plan drawings.