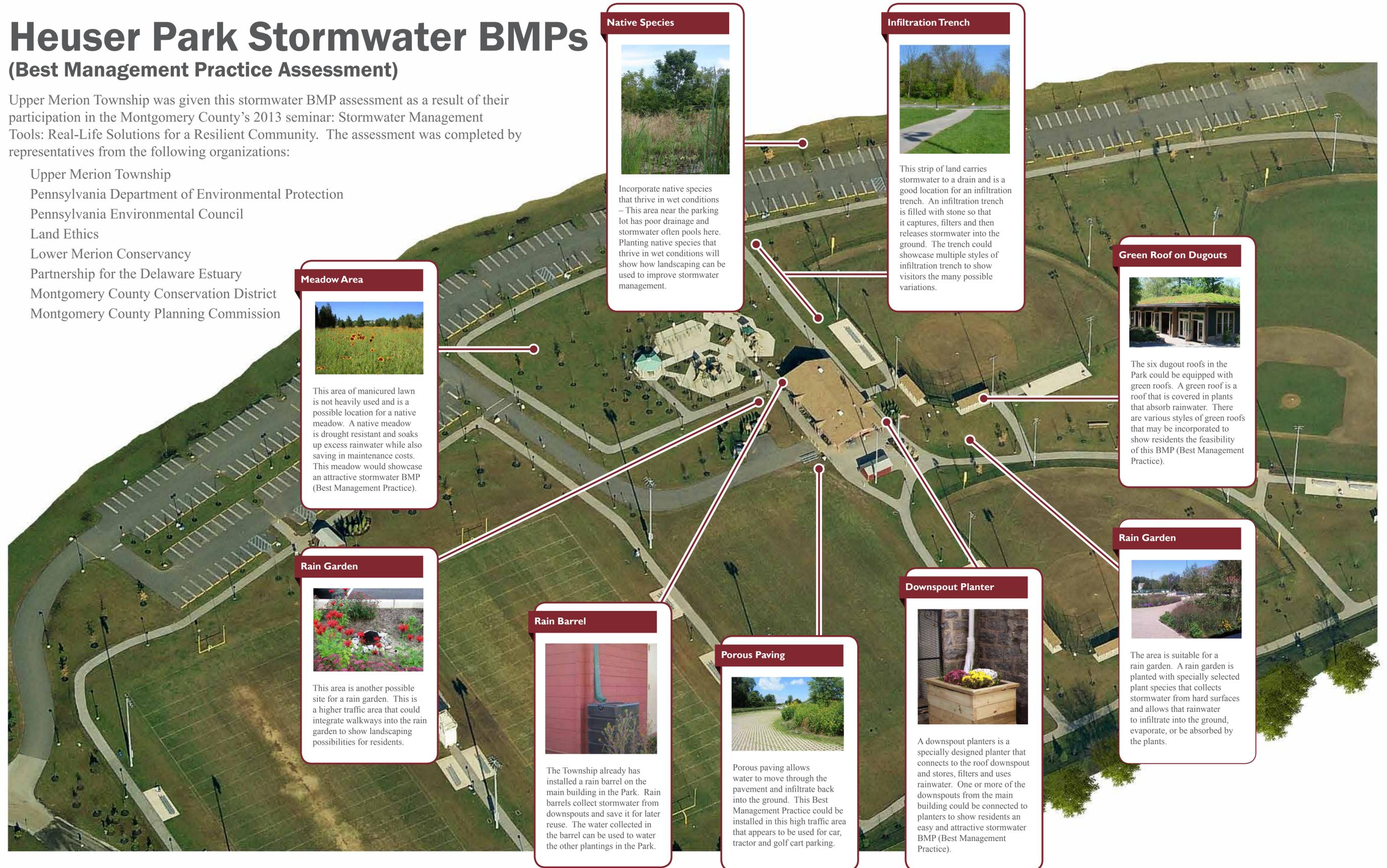


Heuser Park Stormwater BMPs

(Best Management Practice Assessment)

Upper Merion Township was given this stormwater BMP assessment as a result of their participation in the Montgomery County's 2013 seminar: Stormwater Management Tools: Real-Life Solutions for a Resilient Community. The assessment was completed by representatives from the following organizations:

- Upper Merion Township
- Pennsylvania Department of Environmental Protection
- Pennsylvania Environmental Council
- Land Ethics
- Lower Merion Conservancy
- Partnership for the Delaware Estuary
- Montgomery County Conservation District
- Montgomery County Planning Commission



Meadow Area



This area of manicured lawn is not heavily used and is a possible location for a native meadow. A native meadow is drought resistant and soaks up excess rainwater while also saving in maintenance costs. This meadow would showcase an attractive stormwater BMP (Best Management Practice).

Rain Garden



This area is another possible site for a rain garden. This is a higher traffic area that could integrate walkways into the rain garden to show landscaping possibilities for residents.

Rain Barrel



The Township already has installed a rain barrel on the main building in the Park. Rain barrels collect stormwater from downspouts and save it for later reuse. The water collected in the barrel can be used to water the other plantings in the Park.

Porous Paving



Porous paving allows water to move through the pavement and infiltrate back into the ground. This Best Management Practice could be installed in this high traffic area that appears to be used for car, tractor and golf cart parking.

Native Species



Incorporate native species that thrive in wet conditions – This area near the parking lot has poor drainage and stormwater often pools here. Planting native species that thrive in wet conditions will show how landscaping can be used to improve stormwater management.

Infiltration Trench



This strip of land carries stormwater to a drain and is a good location for an infiltration trench. An infiltration trench is filled with stone so that it captures, filters and then releases stormwater into the ground. The trench could showcase multiple styles of infiltration trench to show visitors the many possible variations.

Green Roof on Dugouts



The six dugout roofs in the Park could be equipped with green roofs. A green roof is a roof that is covered in plants that absorb rainwater. There are various styles of green roofs that may be incorporated to show residents the feasibility of this BMP (Best Management Practice).

Rain Garden



The area is suitable for a rain garden. A rain garden is planted with specially selected plant species that collects stormwater from hard surfaces and allows that rainwater to infiltrate into the ground, evaporate, or be absorbed by the plants.

Downspout Planter



A downspout planter is a specially designed planter that connects to the roof downspout and stores, filters and uses rainwater. One or more of the downspouts from the main building could be connected to planters to show residents an easy and attractive stormwater BMP (Best Management Practice).