

Stormwater Projects for Westport Neighborhood (ER 4083 /E31-20)

The Baltimore City Department of Public Works (DPW) is required to install Best Management Practices (BMPs) that reduce and treat stormwater entering its waterways per its federal Municipal Separate Storm Sewer System (MS4) Permit. Westport is one of the areas selected for impervious area removal/ lot greening.

What are Best Management Practices?

Best Management Practices (BMPs) includes projects such as rain gardens, swales, bumpouts and micro-bioretenion facilities. They are planted areas that collect stormwater runoff from the adjacent paved street and allow the water to filter through the facility before flowing to a storm drain, which reduce the pollutants entering local streams and the harbor. Here is a sample picture of a micro-bioretenion facility that is currently in design for your area.

What is Impervious Removal/Lot Greening?

Surfaces covered by asphalt, compacted gravel, concrete, brick, and stone are impervious. Impervious materials repel water and prevent rain from infiltrating into soils and groundwater. Removal of these impervious materials, and replacing them with grass and trees, reduces stormwater runoff and associated pollutants such as nitrogen, phosphorus, and sediments, which are bad for our waterways. Abandoned parking areas, paved park and play areas, and unused walkways can be converted to new green spaces that increase infiltration and create new community spaces.

What are benefits to communities?

Impervious removal would help the communities to;

- Increase green space within the community;
- Reduce stormwater runoff;
- Enhance property aesthetic with landscape vegetation;
- Improves air quality;
- Improve downstream water quality.

What is proposed for Westport?

DPW is proposing up to 1 impervious removal and tree planting in this area shown on the map to the right. This impervious area removal is currently in design and is to aid the City of Baltimore in fulfilling its MS4 Permit requirements.

When will they e completed?

We are projecting that construction will start in April 2022.

Comments/Questions?

Please contact the City Project Manager Mr. Jalil Abdul with any questions you may have via email at jalil.abdul@baltimorecity.gov and/or via phone at (410)-396-3440.



Before

After



Figure 1



Brandon M. Scott
Mayor



Jason W. Mitchell
Director