

Stormwater Projects for Mt. Winans (ER 4083/A29)

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. Mt. Winans is some of the areas selected for impervious area removal/ lot greening and tree planting.

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;

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

What is proposed for Mt. Winans?

DPW is proposing 7 impervious removals and tree plantings in this area shown on the map to the right. These facilities are currently in design and are to aid the City of Baltimore in fulfilling its MS4 Permit requirements.



When will they be installed?

The construction of this project is on hold. The project schedule for construction will be posted when it is available.

Comments/Questions?

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

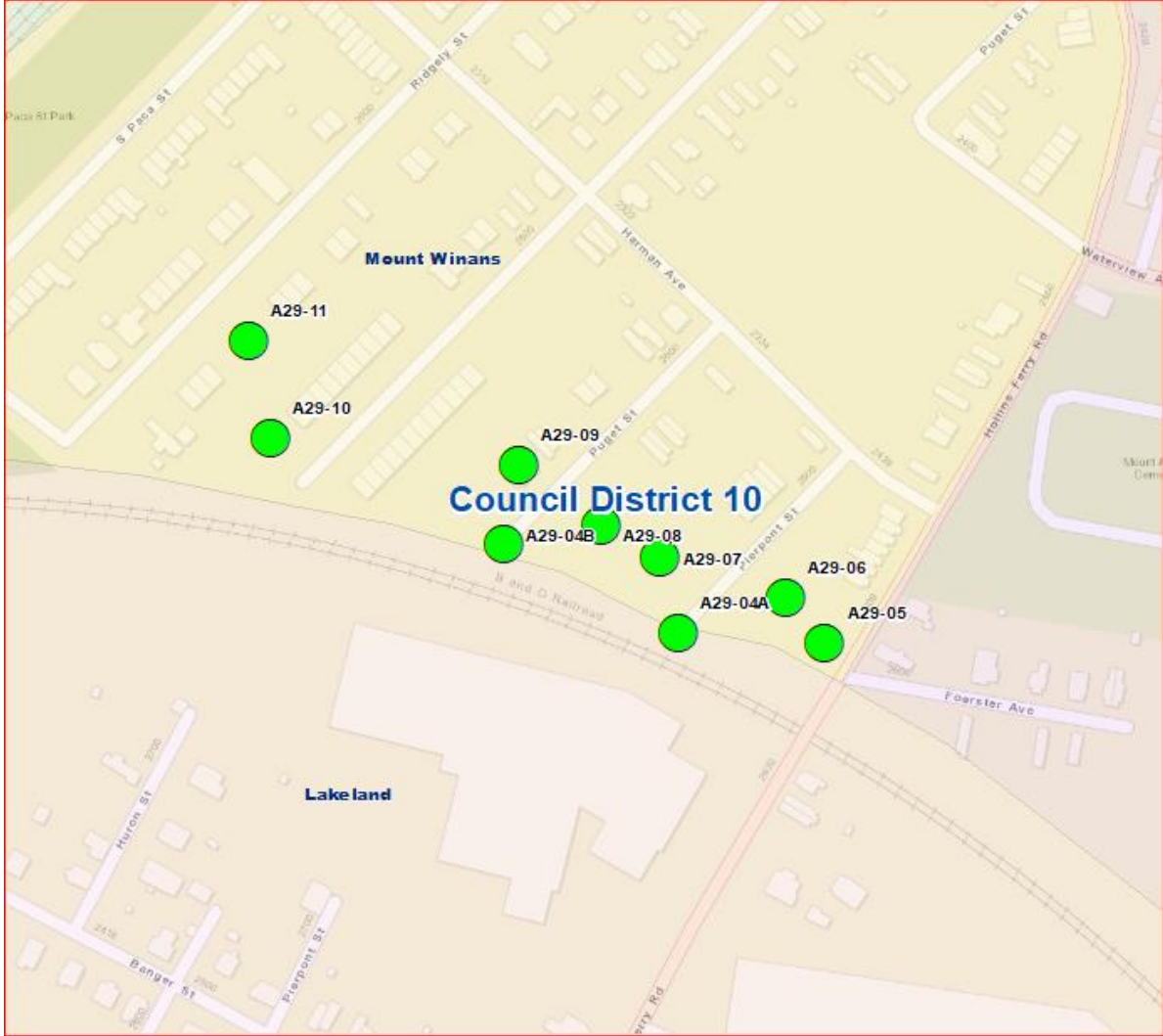


Figure 1



Stormwater Projects for Lakeland Areas (ER 4061 /E31-11)

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. Lakeland is one of the areas selected for curb bumpout and 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.



Stormwater Bumpout facility at Bush Street

What is proposed for Lakeland?

DPW is proposing up to 1 stormwater bumpout in this area shown on the map to the right. These BMP facilities are currently in design and are to aid the City of Baltimore in fulfilling its MS4 Permit requirements.

When will they be Installed?

The construction of this project is on hold. The project schedule for construction will be posted when it is available.

Comments/Questions?

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

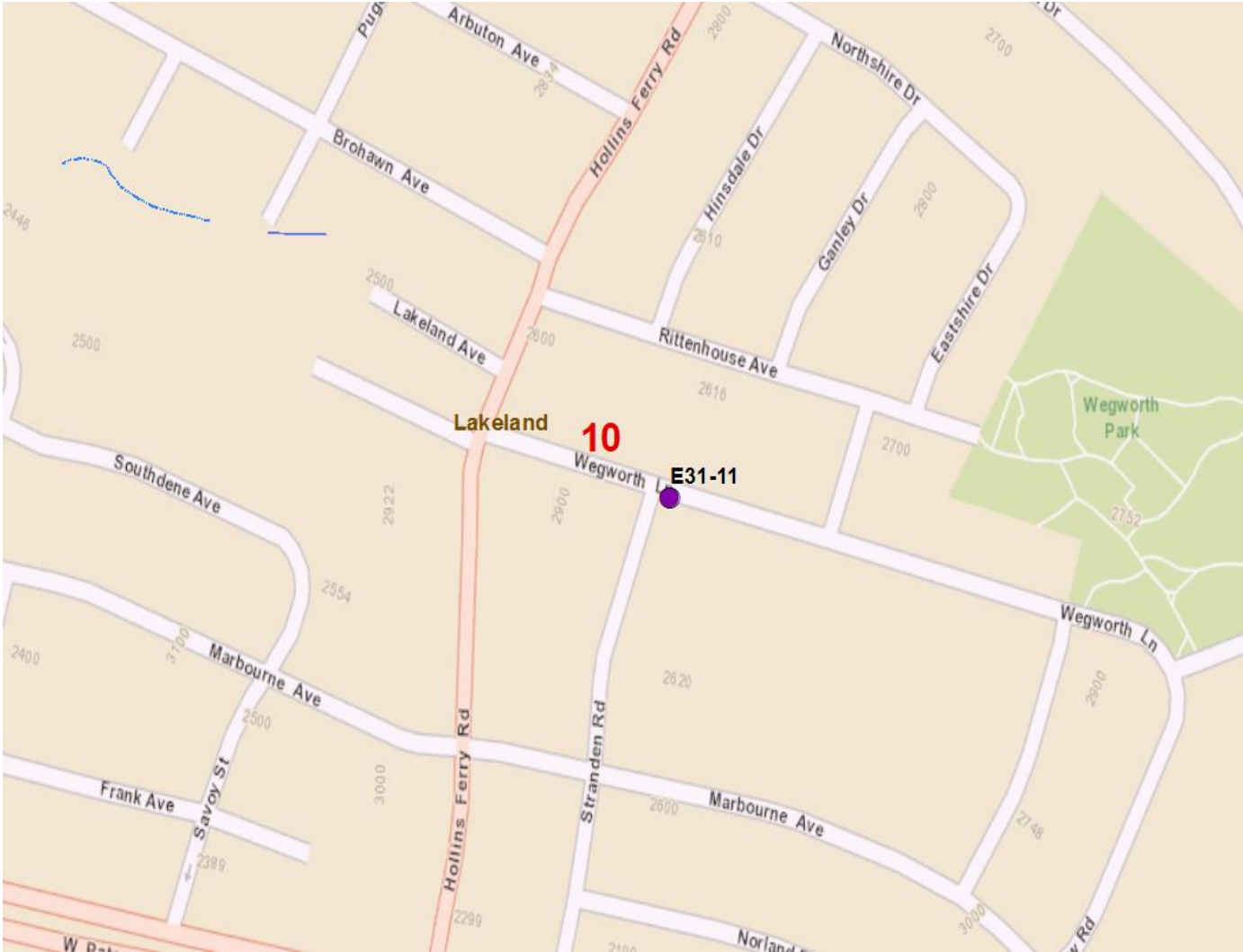


Figure 1



Brandon M. Scott
Mayor



Jason W. Mitchell
Director

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 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?

The construction of this project is on hold. The project schedule for construction will be posted when it is available.

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