

Stormwater Management + Vacant Land



Why Capture Stormwater Runoff?



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Opportunities

Regional Stormwater issue +

Regional **Vacant Land** issue



Project Examples



Bellevue Bioswale

Borders a formerly vacant lot, now North Hills Community Outreach's beautiful food garden

Manages approximately 200,000 gallons of runoff annually

Project Examples



Project Examples



Wilkinsburg High School Rain Garden

Situated in a vacant lot owned by the School District

Manages approximately 90,000 gallons of runoff annually

Designed and Installed by the Wilkinsburg High School Key Club

Project Examples



Project Examples



Project Examples

Frankstown & Wheeler Proposed Plan



Existing Aerial Image



In Collaboration with: Urban Rain Studio,
Kirk Consulting, StormWorks, and
Landbase Systems

Rosedale Runoff Reduction Project

24 Sept. 2014

Project Examples

Frankstown and Wheeler

Graphic Renderings

Existing Conditions



View from sidewalk along Frankstown Rd.

Simulated Image of Proposed Project



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Rosedale Runoff Reduction Project

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Site Considerations

- Lot ownership?
- Community needs/wants?
- Infiltration?
- Soil contamination?
- Existing/former structure?
- Neighboring properties?
- Slope of lot?
- Future development/or community plans?
- MAINTENANCE

Thank you!

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