Agenda

1. Why build a regional water quality project here?
2. What will it accomplish?
3. What does the neighborhood look like?
4. How does the swale work? What will it look like?
5. Partnerships
1. Why WQ here?

- Lake Union has high value.
- Cap Hill has extra-dirty runoff.
- Proximity to storm drain.
- Good site conditions.
- Cost saving partnership.
- Cost effective treatment.
2. Project Goals

• Treat the equivalent of 150-acres of Capitol Hill.
• Remove 2 ½ dump trucks of sediment and pollution from reaching Lake Union each year.
• Provide cost effective water quality treatment.
• Create more green space and a pedestrian friendly street-sc ape
Other SPU bio-swales in Seattle

- Broadview
- Highpoint
- Pinehurst
3. Neighborhood
Photos of Cascade Neighborhood

05/29/2006

05/29/2006
Photos along Yale Ave N
Photos of Cascade Neighborhood
4. How does it work?
• **Goal for Urban Design Character:** Provide a swale design that is urban in feeling and supports the street realm
Key Design elements

- Swale takes parking lane
- Swale ~13-ft wide, 2-ft deep
- 26-ft wide driving/parking roadway
- Stoops along swale
- Narrow sidewalks
- Mid-block pedestrian crossing
Yale Ave
artist rendition
Stormwater Design Inspiration
Stormwater Design Inspiration
5. Partnership

The project is being developed with support from:

- **Vulcan** – sharing right-of-way improvement costs
- **SDOT** – roadway design, parking, planting areas, and sidewalks
- **DPD** – coordination with adjacent development
Questions/Comments?

Summary
Currently in early design
Built in phases from 2009 – 2012
Construction cost $8M
Vulcan & SPU share construction
New curb is shown with a yellow line.