Midvale Stormwater Facility
Seattle Public Utilities

Design Commission Meeting #1
August 2010
December 2007 Flood Photos

N 107th St between Midvale Ave N and Stone Ave N

SE corner of Midvale & N 107th St
December 2007 Flood Photos

Intersection of Midvale & N 107th St

Daylight basement apartments
On Midvale south of N 107th St
December 2007 Flood Photos

Condo parking garage off alley between Stone & Midvale south of N 107th St

Alley between Stone & Midvale South of N 107th St
Existing Conditions – Flood Prediction Map

Storm

- 10-yr
- 25-yr
- Dec 07

Midvale Ave N

N 107th St
Existing Building at Proposed Pond Site
Existing Building at Proposed Pond Site
Initial Concept for Midvale Stormwater Facility

- Flat area grass w/ shrubs
- Sloped area w/ shrubs
- Trees & sidewalk

Stormwater Facility
3 – 3.5 million gallons

Function: 2–3x / decade, facility will fill with up to 7–ft of water.
Ashworth Pond – existing detention pond located ½ mile north
Ashworth Pond—existing detention pond located $\frac{1}{2}$ mile north
Initial Concept for Midvale Stormwater Facility

- Flat area grass w/ shrubs
- Sloped area w/ shrubs

Stormwater Facility
3 – 3.5 million gallons

Function: ~1–2x / decade, facility will fill with up to 7–ft of water.
Holds flood water up to the “25–year storm”
Improved Concept for Midvale Stormwater Facility

- **Flat area grass w/ shrubs**
- **Sloped area w/ shrubs**
- **Shallow water**
- **Deep water (3 ft)**

**Function:** ~1–2x / decade, facility will fill with up to 7–ft of water.

**Facility will provide water quality treatment for most storm events.**
The stormwater pond could look something like this.
## Midvale Detention Pond: conceptual schedule

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<th>1Q 10</th>
<th>2Q 10</th>
<th>3Q 10</th>
<th>4Q 10</th>
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Budget (Jan 2010)

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Challenges

- Community view: Amenity or hazard?
- Balance of detention and open space
- Fencing
- Adjacency to Aurora Ave and informal “transfer station”
We don’t want this look.