South Recycling & Disposal Station (SRDS) Redevelopment Stakeholder Group Meeting #4

October 17, 2016
Meeting Agenda

• Welcome
• Recap of Stakeholder Meeting #3
• Project Updates
• Decant Facility
• Tree Mitigation
• Minimizing Operational Impacts
• Next Steps
## Meeting Plan

<table>
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<tr>
<th>Priority Topics</th>
<th>Meeting #2 (March)</th>
<th>Meeting #3 (June)</th>
<th>Meeting #4 (Sept/Oct)</th>
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<tr>
<td>Recycle &amp; Reuse Facility</td>
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<td>Pedestrian Path</td>
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<td>Public Art</td>
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<td>Artist led process</td>
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<td>Operational impacts</td>
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<td>SEPA</td>
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Recap of Stakeholder Meeting #3

- Public Art
- Pedestrian Path
- Decant Facility
- Landscaping & Trees
- Operational Impacts
Community Outreach

• Concord Elementary School Carnival (pedestrian path input)

• Focused Tree Discussion with DRCC/Paulina Lopez and JHA/Linn Gould

• Community Drop-in Session

• Business Drop-in Session
  • Letter
  • Door to door

• South Park Project Email Update
Project Schedule

• 2016: Design; value engineering; permitting

• 2017: Anticipated complete design; bidding; start construction

• 2019: Anticipated complete construction; open facility
SEPA – State Environmental Policy Act

- Public Comment Period – delayed, anticipated in November - December
Public Art Concept

SCULPTURE DIMENSIONS

concrete pedestal, ~3' h. x ~12' w.
white LED lighting at each sculpture
Public Art Concept

4-piece & 8-piece sculptures
Public Art Concept

Questions? Please contact Ruri Yampolsky, Office of Arts & Culture, 206-684-7309
Decant Facility
Example: Pierce County Facility
Example: City of Olympia
# Proposed Odor Control Options

<table>
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<tr>
<th>Option</th>
<th>Description</th>
<th>Effectiveness</th>
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</table>
| **A – Operations Only** | • Canopy with north wall  
  • Move material regularly to increase drying  
  • Manually apply neutralizing agent when needed | • Noticeable short term impacts at Recycling Building  
  • Detectable odors could occur at property boundary and extend beyond boundary for < 10 hrs/year |
| **B – High Velocity Dilution Fan** | • Enclose sewer grit portion of building, collect air and discharge using high velocity fan | • Noticeable short term impacts at Recycling Building  
  • Provides improvements over Option A on west end of Recycling Building. No change in middle or east side |
| **C – Air Treatment**   | • Enclose sewer grit portion of building, collect air and provide treatment  
  • Multiple treatment options being considered | • Nominal improvement over Option B if collected air is treated |
What will it look like?

View from pedestrian path

(without fence for clarity)
Tree Mitigation
Progress Since Stakeholder Meeting #3

1. Refined site design
2. Investigated alternative locations and potential alternatives for tree replacement
3. Met with JHA/Linn Gould and DRCC/Paulina Lopez on focused tree meeting discussion
4. Identified tree mitigation plan
South Park Locations
Investigated for Tree Planting

- Public property replacement preferred
- Area where development is not scheduled to occur
- Area where there is least potential for tree damage or mortality
- Area accessible for watering and maintenance
Other Investigation

1. Feasibility of planting trees around Happy/Scary Trail

2. Feasibility of green screens on site

3. Soil rehabilitation for existing trees
Mitigation Approach

- Use full funding for mitigation to plant 32 new trees along Duwamish Trail, Highland Park Way SW, and W Marginal Way S, and save 89 existing trees along corridor.

- Creative approach mixing new planting and rescuing existing struggling trees allows mitigation to remain in South Park.
Trees: Mitigation Steps

✔ 1) Update design to determine extent of impacts
✔ 2) Determine funding level for mitigation
✔ 3) Possible approaches
✔ 4) Proposed mitigation approach
   5) Review design and potential mitigation approach with permitting agencies
6) Obtain permits and approvals
7) Implement plan
Minimize Operational Impacts
Minimize Operational Impacts

Meeting #3:
• Associated air pollution/maintain air quality
• Odor
• Noise
• Truck traffic
• Truck routes
• Illegal dumping
• Scrap metal vendors
Potential Air Quality Impacts

Construction Phase:

• Construction activities (e.g. earthwork, paving, landscaping) would result in emissions of particulates and dust

Mitigation Options:

• Cover or spray truckloads of soil to prevent wind-blown dust
• Clean vehicle tires and undercarriages before leaving the site and sweep streets adjacent to site
• Maintain machinery in good working order and operate equipment to minimize exhaust smoke
Potential Air Quality Impacts

Operations Phase:
• Sources of air quality impacts include solid waste transfer trailers and tractors, employee vehicles, standby generator, and vactor trucks
• Decant facility may release occasional odors

Mitigation Options:
• Actively manage decant facility odors with operational practices
• Continue to store materials in HHW facility in closed containers to prevent evaporation of oils, solvents, etc.
• Investigate/assess odors when notified of issues
• Limit vehicle idling and queuing
Potential Noise Impacts

Construction Phase:

- Construction noise is regulated and will be monitored
- Construction equipment would be muffled in accordance with applicable noise regulations
- Construction may typically occur 7am – 4pm, but may extend 7am - 9pm weekdays and 9am - 9pm weekends
- Adjacent properties will be notified about construction noise impacts
Potential Noise Impacts

Operations Phase:

• Sources include truck traffic, noise from unloading recyclables, and onsite machinery (i.e. standby generator)
• Recycling and Reuse facility will have the same hours as the Transfer Station’s current hours.

SPU will:

• Comply with City limits for industrially-zoned properties
• Maintain heavy equipment and mufflers in good condition
• Install equipment with the proper noise reduction measures to keep noise levels within regulatory limits
Truck Traffic and Truck Routes

- **Access to Hwy 99**
- **Routes not through neighborhood**

**Decant Facility**
- Near-term up to 16 truck visits per day

**Recycle and Reuse Facility**
- Future projections of 100-140 customers/day

**HHW (existing)**
- Average of 65 customers/day (3 days/wk)
Illegal Dumping

• Improvements along property ROW may discourage some of this behavior
• Added illegal dumping patrols when STS was built
Scrap Metal Vendors

- License is required
- Activity is not prohibited
- Concerns
- SPU will continue to monitor the area
- To file an official complaint: www.dol.wa.gov/business/scrapmetal/
Next Steps

Design
• SEPA
• Final Design & Permitting

Stakeholder Group
• Meeting #5?
• Email updates