



**King County**

Department of  
Natural Resources and Parks  
**Solid Waste Division**

Waste  
Prevention

Resource  
Recovery

Waste  
Disposal

# Design Advisory Group Meeting 3

## South County Recycling and Transfer Station

May 30, 2019

# Welcome and Introductions



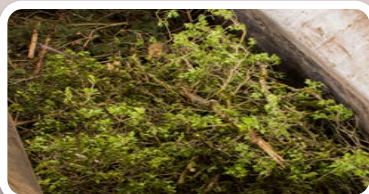
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# Services to be Provided



Recycling



Yard Waste



Hazardous  
Waste



Garbage



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# Additional Project Elements



Stream  
Relocation



Road  
Improvements



Storm water  
management



Green  
Building



Public Art



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# Project Updates

- Revised Conceptual Alternative
- Onsite field work completed
- Initiated design work
- Continued sustainability certification activities
- Continued community outreach
- Continued Equity and Social Justice activities



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# Factoria Recycling and Transfer Station Tours

- Four tour dates were offered to approximately 360 residential neighbors who live above the existing and new station site
  - On May 4<sup>th</sup>, a family of three took a tour – “surprised and pleased” by the lack of odors and noise until inside the transfer building
- Three tours for South County city councils, DAG members, and West King County Community Service Area representatives
  - On May 20<sup>th</sup>, DAG member, Eddy Chu, and other Muckleshoot Tribal members took a tour
- Five tour dates were cancelled due to lack of response
- We are happy provide tours for those who are interested



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# What Have We Heard Via The Online Open House?

• 100% would use new station • 719 views • 344 responses • 115 comments

## Top concerns:

- Traffic (22%)
- Wetlands and Stream (21%)
- Odor (13%)
- Slope stability (9%)
- Wildlife (9%)
- Noise (8%)

## Demographics:

- 31% Unincorporated KC
- 31% Other
- 14% City of Auburn
- 12% City of Algona
- 12% City of Federal Way
- 0% City of Pacific

## Community Benefits:

- 37% Apprenticeships/ job training
- 28% Environmental education feature
- 22% Walking/bike trail
- 12% Meeting space

# Equity and Social Justice Activities



- King County Equity and Social Justice Initiative
- Online Open House comments
- Community Workforce Agreement
- Equity and Social Justice Plan



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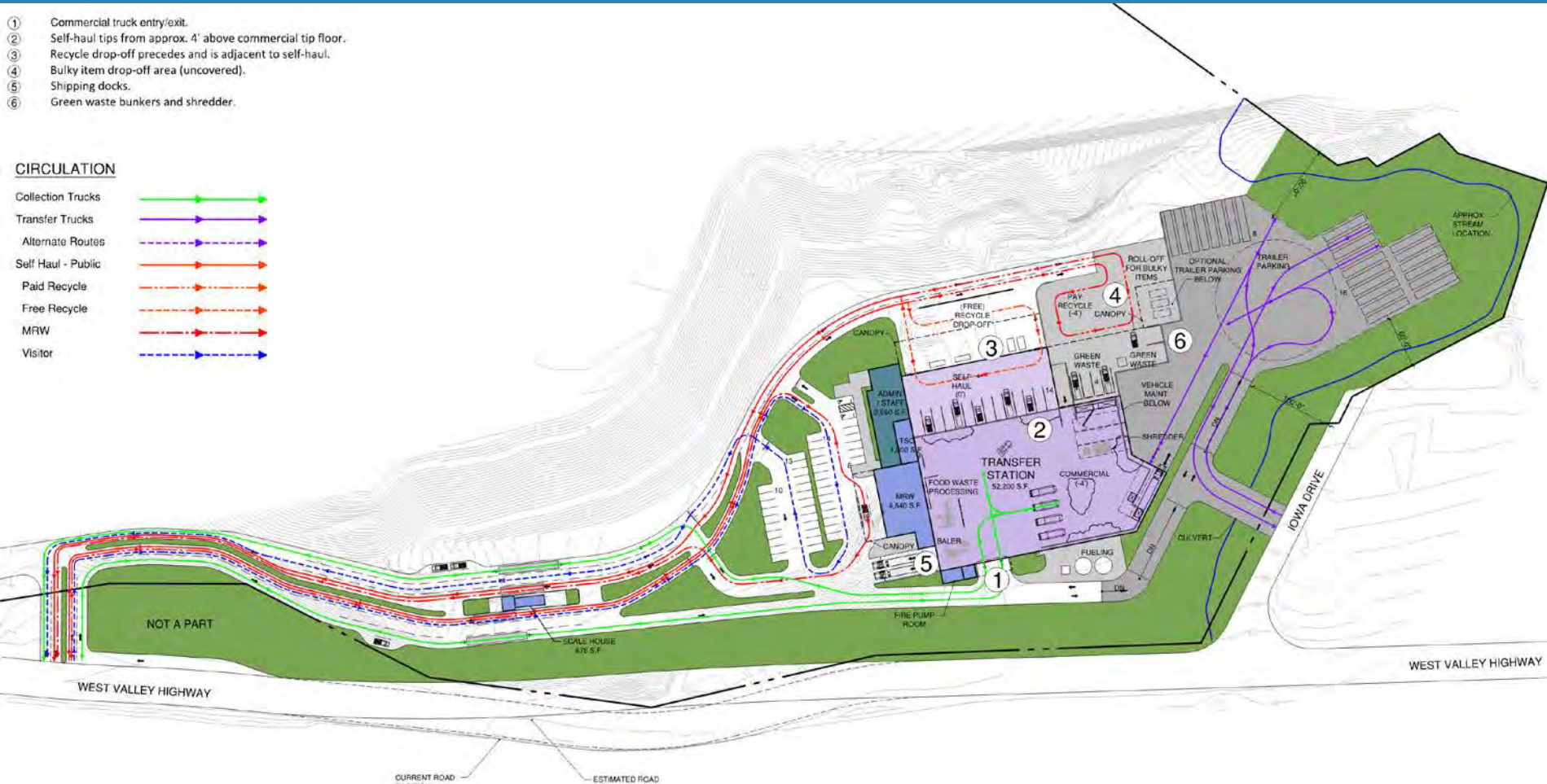


# Conceptual Site Layout

- ① Commercial truck entry/exit.
- ② Self-haul tips from approx. 4' above commercial tip floor.
- ③ Recycle drop-off precedes and is adjacent to self-haul.
- ④ Bulky item drop-off area (uncovered).
- ⑤ Shipping docks.
- ⑥ Green waste bunkers and shredder.

## CIRCULATION

|                    |  |
|--------------------|--|
| Collection Trucks  |  |
| Transfer Trucks    |  |
| Alternate Routes   |  |
| Self Haul - Public |  |
| Paid Recycle       |  |
| Free Recycle       |  |
| MRW                |  |
| Visitor            |  |



# Conceptual View to North





# Conceptual View from Multi-Purpose Room



# Living Building Challenge

- Energy Petal Certification – 105% renewable energy production
- Energy efficiency and optimization
- Stream restoration, wetland mitigation, partnerships
- Net Positive Waste – maximizing construction and demolition debris diversion



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# Break



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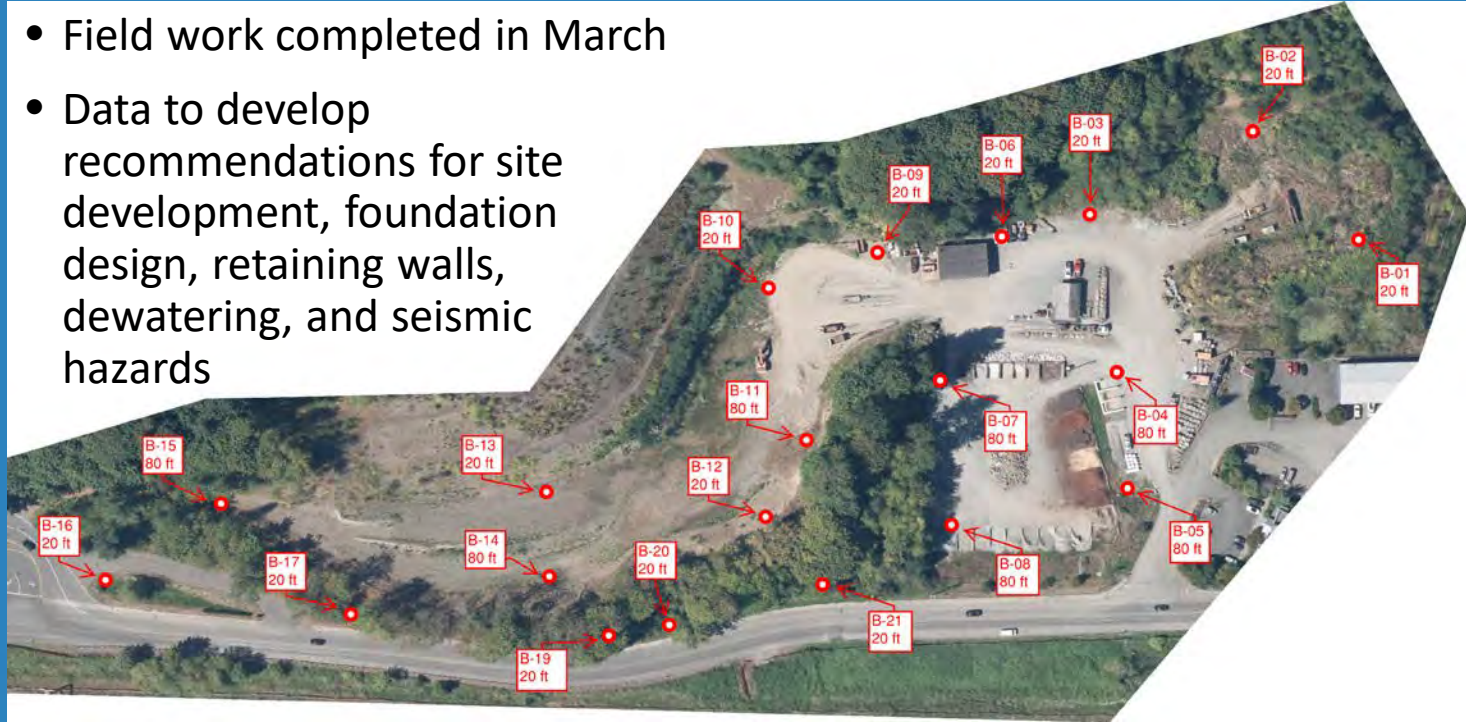
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# Geotechnical Update

- Field work completed in March
- Data to develop recommendations for site development, foundation design, retaining walls, dewatering, and seismic hazards



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# Traffic Updates

- Collected new traffic counts on West Valley Highway South at location of existing Algona Transfer Station
- Predicted future transfer station traffic based on 2018 transactions
- Forecast future land uses at the existing transfer station to estimate potential traffic levels
- Performing modeling now
- Information to be presented to City of Algona next month



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# Cultural Resources

- Performed field work in March
- Two potential historic structures analyzed - neither is recommended as eligible for the National Register of Historic Places
- Archaeological fieldwork and geotechnical borings did not find archaeological resources or evidence of any buried archaeological deposits



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# Noise Study

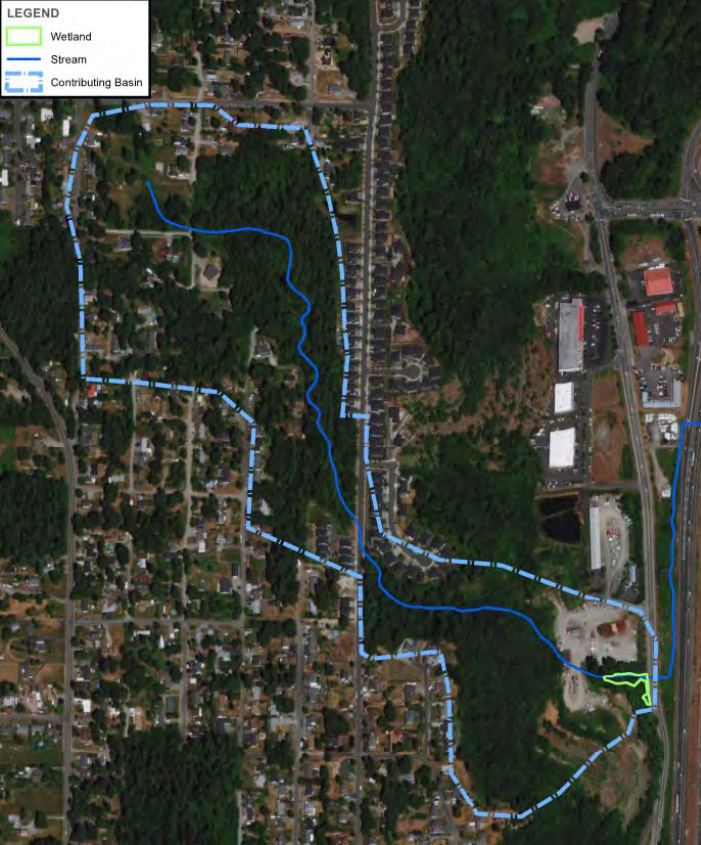


- Collected ambient sound data in March
- Data being used to forecast preferred alternative noise and compliance with code requirements
- A Noise Report is expected later this year



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# Wetland and Stream Update

- Initiated regulatory agency outreach - United States Army Corps of Engineers (Corps) and Washington Fish and Wildlife Department
- Finalized Wetland and Stream Delineation Report
- Submitted Jurisdictional Determination request to Corps



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# Design Advisory Group Schedule

- DAG Meeting 4
  - August 29, 2019 6:00-8:00 PM
  - Draft 30% Design review, public engagement and outreach update, inform on status of environmental studies, preparations for September Open House Event
- DAG Meeting 5
  - December 12, 2019 6:00-8:00 PM
  - Final 30% Design review to focus on changes made during Value Engineering process, public engagement and outreach update, discuss permitting process, describe next steps for project

**Meetings to be held at Algona City Hall  
200 Washington Boulevard, Algona, WA**



# Adjourn



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