



## INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Committee**  
FROM: **Henry Hash, Public Works Director** *H.H.*  
BY: **Hari Ponnekanti, City Engineer**  
CC: **Mayor Ekberg**  
DATE: **August 16, 2019**  
SUBJECT: **King County Comprehensive Solid Waste Management Plan Resolution**

### **ISSUE**

Resolution adopting King County's Comprehensive Solid Waste Management Plan.

### **BACKGROUND**

King County is required to update their Comprehensive Solid Waste Management Plan periodically. The Plan presents strategies for managing King County's solid waste and recycling over the next six years, with consideration for the next 20 years. King County staff provided a PowerPoint presentation to the Transportation and Infrastructure Committee on June 18, 2019. The Plan is approved if it is approved by cities representing greater than 75% of the population of cities that act within 120 days.

### **DISCUSSION**

County staff has engaged in a collaborative process and involved the City during the development of the plan. There are no outstanding issues or concerns with this plan from the City staff.

Attachment 2 provides a summary of the final Comprehensive Solid Waste Management plan.

Key elements include:

- The plan presents goals to increase recycling in our area.
- The Plan also identifies modernizing facilities to benefit customers' experience and increase equitable service levels.
- The updated Plan also provides details to maximize capacity within our existing landfill footprint to better manage waste locally.

City has a choice of three options:

- Option 1 is to non-concur with the Plan and submit a "no" vote to King County.
- Option 2 is to adopt the Plan which requires City Council to pass a Resolution.
- Option 3 is to take no action.

### **RECOMMENDATION**

Council is being asked to choose from the above three option regarding King County's Comprehensive Solid Waste Management Plan and consider this item on the Consent Agenda at the September 3, 2019 Regular Meeting.

Attachments: Resolution  
King County Solid Waste Division Comp Plan PowerPoint Presentation

# DRAFT

## A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, ADOPTING THE 2019 COMPREHENSIVE SOLID WASTE MANAGEMENT PLAN FOR THE KING COUNTY SOLID WASTE SYSTEM.

**WHEREAS**, the purpose of the 2019 Comprehensive Solid Waste Management Plan (the "2019 Plan") is to plan for solid waste and materials reduction, collection, handling, and management services and programs in the geographic area for which King County has comprehensive planning authority for solid waste management by law or by interlocal agreement, or both; and

**WHEREAS**, the 2019 Plan was prepared in accordance with RCW 70.95.080, which requires that each county within the state, in cooperation with the various cities located within such county, prepare and periodically update a coordinated, comprehensive solid waste management plan; and

**WHEREAS**, King County and all cities in King County except Seattle and Milton have executed the 2013 Amended and Restated Interlocal Agreement ("the Interlocal Agreement"); and under the Interlocal Agreement, King County serves as the planning authority for solid waste; and

**WHEREAS**, King County worked with city representatives serving on the Metropolitan Solid Waste Management Advisory Committee to develop the 2019 Plan; and

**WHEREAS**, the 2019 Plan updates and replaces the 2001 Comprehensive Solid Waste Management Plan; and

**WHEREAS**, on April 17, 2019, the King County Regional Policy Committee, acting as the Metropolitan King County Council Solid Waste Interlocal Forum, recommended adoption of King County Ordinance 18893 for approval of the 2019 Plan; and

**WHEREAS**, on April 24, 2019, the Metropolitan King County Council adopted Ordinance 18893, which approved the 2019 Plan; and

**WHEREAS**, the Interlocal Agreement sets a 120-day period for cities to take action on the 2019 Plan; and the 2019 Plan cannot receive final approval unless cities representing at least 75 percent of the incorporated population of the cities that take action in the 120-day period approve the Plan; and the 120-day period runs from receipt by a city of the Plan recommended by the Regional Policy Committee and approved by the Metropolitan King County Council; and

**WHEREAS**, after City approval the 2019 Plan is further subject to final approval by the Washington State Department of Ecology; and

**WHEREAS**, the City Council of the City of Tukwila desires to approve the 2019 Comprehensive Solid Waste Management Plan for the King County Solid Waste System;

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, HEREBY RESOLVES AS FOLLOWS:**

The City Council approves adoption of the document entitled "2019 Comprehensive Solid Waste Management Plan," dated April 17, 2019, and hereby incorporated by reference as "Attachment A."

PASSED BY THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, at a Regular Meeting thereof this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

ATTEST/AUTHENTICATED:

\_\_\_\_\_  
Christy O'Flaherty, MMC, City Clerk

\_\_\_\_\_  
Kathy Hougardy, Council President

APPROVED AS TO FORM BY:

Filed with the City Clerk: \_\_\_\_\_

Passed by the City Council: \_\_\_\_\_

Resolution Number: \_\_\_\_\_

\_\_\_\_\_  
Rachel B. Turpin, City Attorney

Attachment A: 2019 Comprehensive Solid Waste Management Plan updated April 17, 2019



# 2019 Comprehensive Solid Waste Management Plan

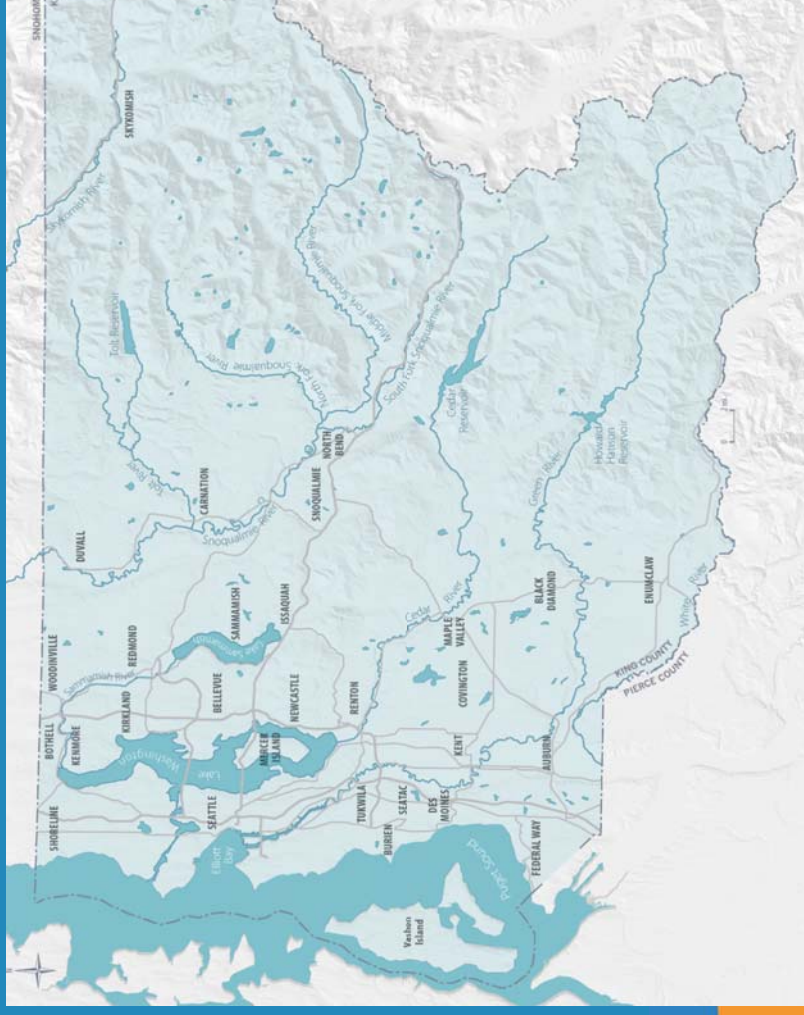
 **King County**  
Department of  
Natural Resources and Parks  
**Solid Waste Division**

Waste Prevention • Resource Recovery • Waste Disposal

# A Plan for King County's Regional System

- 2,132 square miles
- King County and 37 cities
- 1.5 million residents\*
- 931,000 tons of garbage\*

\*2017



# Public/Private Partnership

- **King County**
  - Transfer stations
  - Landfill
- **Cities**
  - Provide/contract for curbside collection
- **Private Companies**
  - Curbside collection
  - Materials recovery facilities (MRFs)
- **County/Cities/Private**
  - Promote recycling and sustainability



# Steps in Plan Approval

We are here



Public comment  
Jan 8 -  
Mar 8  
2018

Regional Policy  
Committee and County  
Council review  
Jul 2018 - Apr 2019

Develop plan and EIS  
Oct 2016 - Dec 2017

City approval  
May - Sep 2019



2016

2017

2018

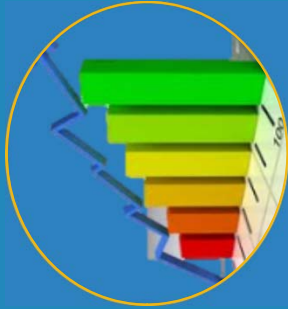
2019

Discuss with Advisory  
Committees  
Oct 2016 - Nov 2017

Preliminary  
state review  
Jan - May  
2018

Final  
state  
approval  
Oct 2019

# Six Major Planning Elements



Existing Solid Waste System

Forecasting & Data

Sustainable Materials Management (Recycling)

Transfer & Processing

Disposal & Landfill Management

Finance



# Key Policy Recommendations



Disposal



Transfer Services



Recycling



# Sustainable Materials Management



# Plan: Menu of Actions to Reach 70% Recycling

- Aspirational goal of moving recycling from 54% to 70%
- Menu of actions lets cities tailor approaches to their needs while working toward more unified regional approaches





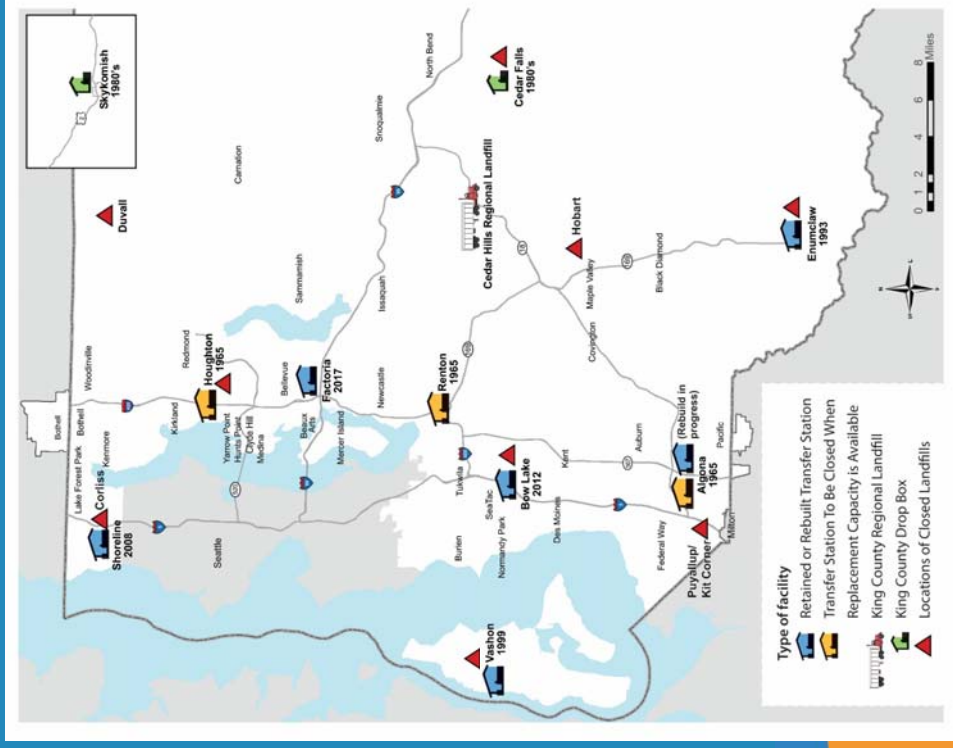
**King County**  
Department of  
Natural Resources and Parks  
**Solid Waste Division**

Waste Prevention | Resource Recovery | Waste Disposal

# Transfer and Processing

# King County Waste Transfer System

- 8 urban stations
  - Modernization complete or underway for all except NE service area
- 2 rural drop boxes



# Plan: Continue Modernizing Facilities

- Finish station modernization including a new NE facility
- Benefits
  - Improved customer convenience
  - Faster unloading
  - Expanded recycling services
  - Garbage compaction
  - Sustainable building design and operation
  - Equitable service levels





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

Waste Prevention   Resource Recovery   Waste Disposal

# Disposal

# Plan: Further Develop Cedar Hills Landfill

- Maximize capacity within existing landfill footprint
- **Benefits**
  - Lowest cost per ton
  - Lowest greenhouse gases
  - Manages waste locally
  - Provides time to plan for next disposal option after Cedar Hills is full
- **Work must begin this year to have new capacity ready in time**

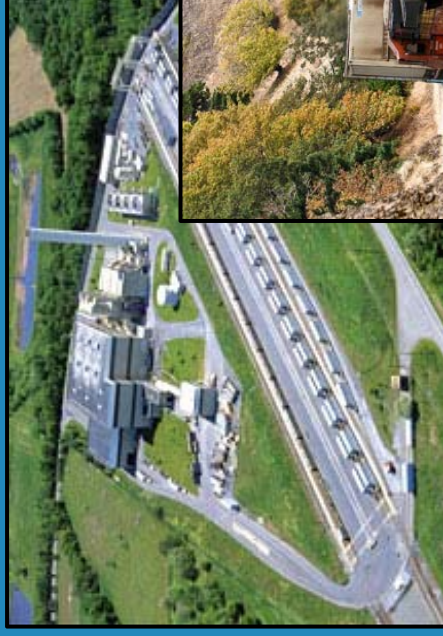




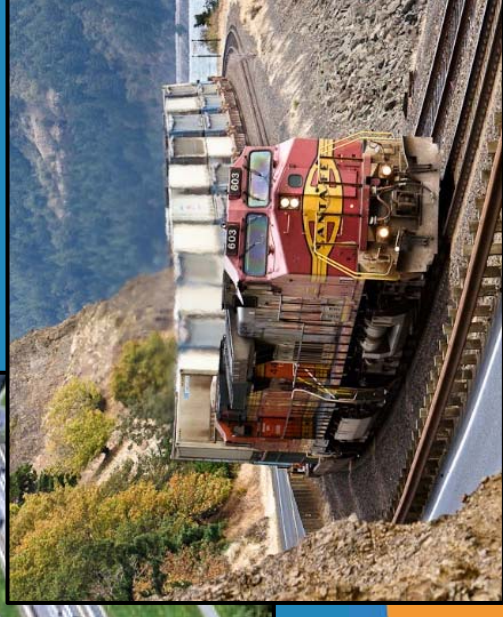
# Protecting Employees, Public, and Environment is a Top Priority

- SWD is accountable for the quality of air, groundwater, leachate, and stormwater
  - Over 600 gas and 70 water wells are regularly monitored for compliance
- Cedar Hills accounts for less than 10% of reported odor complaints to the Puget Sound Clean Air Agency
  - Cedar Hills is staffed 24/7 with highly skilled and trained professionals who do around-the-clock odor checks six times a day.
- Active landfill areas are covered daily to control odors and reduce potential for wildlife to carry away garbage

# Next Plan Update Will Identify Post-Cedar Hills Disposal Method



- Start discussion well before the 5-year update cycle
- Options
  - Waste-to-Energy (mass burn)
  - Waste Export by Rail
  - Other emerging technologies



# City Approval of the Plan

- Governed by interlocal agreements
- City legislation in a 120 day period
- Plan is approved if approved by cities representing  $\geq 75\%$  of the population of cities that act within 120 days
- After city approval, Department of Ecology gives final approval within 45 days





**King County**

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

*Waste*  
**Prevention**

*Resource*  
**Recovery**

*Waste*  
**Disposal**

King Street Center  
201 South Jackson Street, Suite 701  
Seattle, WA 98104-3855  
206-477-4466  
711 TTY Relay  
[your.kingcounty.gov/solidwaste](http://your.kingcounty.gov/solidwaste)



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