

# Solid Waste 102

## Presentation to SWAC

**RECYCLE**

Seattle  
Public  
Utilities

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**WOOD & YARD**

Seattle  
Public  
Utilities

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Solid Waste Line of Business*

**January 10, 2019**



# Purpose of Presentation

*Continue the overview of solid waste management  
in Washington State and City of Seattle*



# Solid Waste 101 Refresher

- 1961 – State divided into garbage territories and regulated by WUTC via G-Certificates
- 1961 – SW Utility created w/in Dept of Engineering
- 1963 – Seattle divided into 2 collection areas
- 1969 – Comprehensive State SW Management legislation enacted
- 1980 – Composting policy & goal adopted
- 1981 – Recycling goal adopted;  
Variable residential can rate structure begins
- 1985 – Seattle SWAC created ➡★
- 1988 – Seattle's curbside recycling collection begins
- 1989 – *Waste Not WA Act* adopted





# Solid Waste 101 Refresher

- 1990 – Long-haul of garbage to OR landfill begins
- 1997 – SPU created
- 2000 – Seattle takes full recycling market price risk
- 2001 – City adopts GHG emissions reduction goals
- 2005 – Disposal bans begin to kick-in; Organics expanded
- 2006 – 1<sup>st</sup> State-wide Product Stewardship legislation adopted
- 2008 – 50% Recycling Rate achieved
- 2010 – Plastic single-use service ware ban goes into effect
- 2013 – Recycling goal of 70% by 2022 adopted



# Solid Waste 102

- Who are we?
- How do we fit into the City?
- How are we structured?
- What do we do?
- How do we decide what we do – now and into the future?



# Who are we?

## Seattle Public Utilities

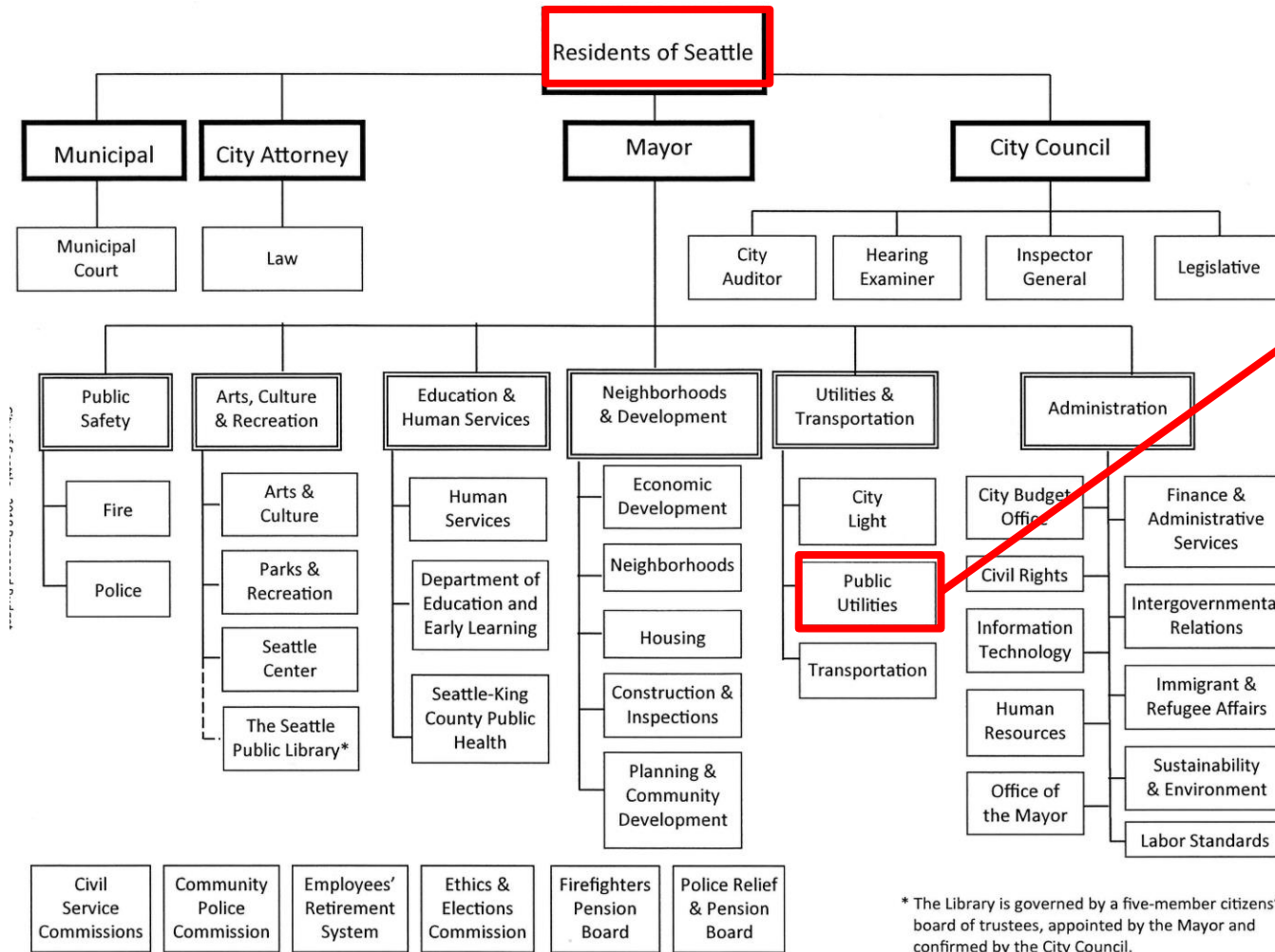
- Publicly-owned
- 3 Lines of Business + Support Branches
- ~1,400 total employees
- ~1.5M customers

## Solid Waste Line of Business

- Enterprise Fund
- 2 Divisions – PPM & Operations
- ~140 total employees

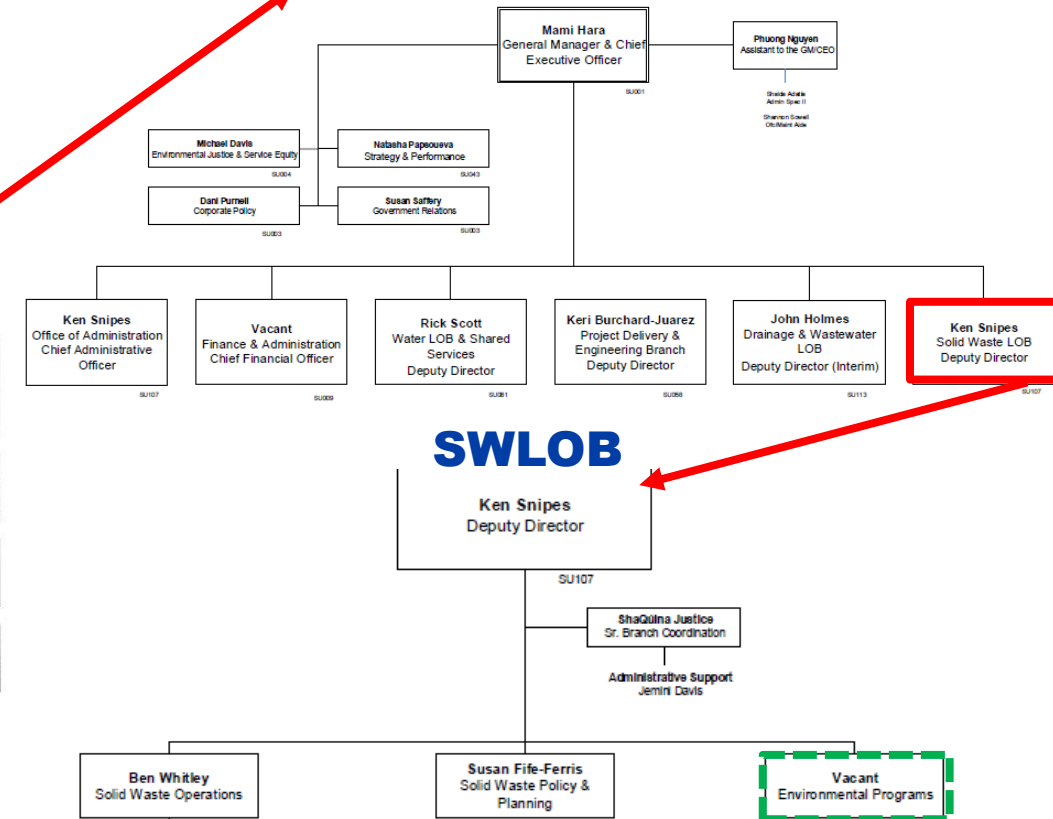


# How do we fit into the City?



\* The Library is governed by a five-member citizens' board of trustees, appointed by the Mayor and confirmed by the City Council.

## Seattle Public Utilities



Proposed Division





# How do we fit into the City?

## Seattle Public Utilities – Support Branches





# How are we structured?

- Planning & Program Management Division
  - Policy Development & Legislation
  - Comprehensive Planning & LHWMP
  - Facility Design & Development
  - Contracts Development, Management, & Oversight
  - Diversion & Outreach/Education
  - Compliance & Inspections
  - Clean City Programs



# How are we structured?

- Operations Division
  - Facilities Management
    - Transfer Stations
    - Historical Landfills
    - HHW Drop-off Sites
  - Clean City Programs



# Policy Development & Legislation

- Plastic Straws & Utensils Ban
- Product Stewardship
- Legislation
  - Plastic Packaging Stewardship
  - Paint Stewardship
  - Compostable Plastics Labeling
  - Plastic Bags Statewide Ban
- Regulations





# Comprehensive Planning & LHWMP

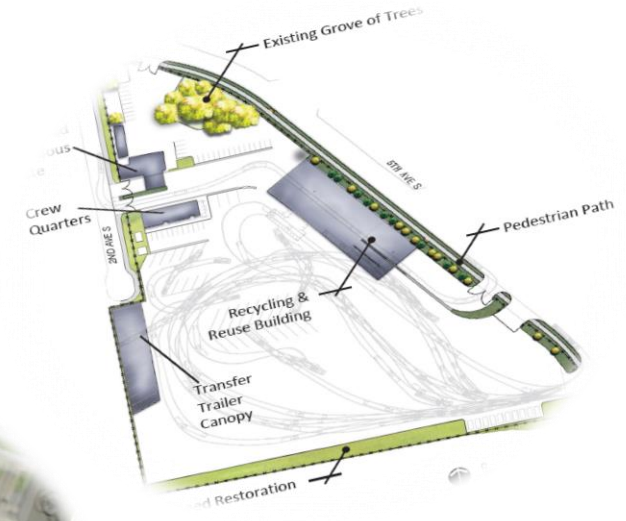
- Annual Recycling Rate Report
- China Blue Skies Response
- Plastics Markets Meeting
- Responsible Recycling Task Force
- SW Comprehensive Plan Amendment
- Local Hazardous Waste Management Program Services & MCC





# Facility Design & Development

- STS2 Design & Redevelopment
- NTS Reuse Drop-off & Collection
- NTS Community Viewing Room
- Kent-Highlands Landfill Gas Migration
- Removal of Waste at Midway Landfill to Allow for Widening of I-5 & Sound Transit Light Rail Passage



# Contracts Development, Management, & Oversight

What do we do?

- 6 Major Service Contracts
  - 2 Curbside Collection & Transfer
  - 2 Organics Processing
  - Recycling Processing
  - Long-haul for Transportation & Disposal of Garbage
- New Building Plans Review for Garbage & Recycling Access & Storage
- Solid Waste Performance & Payment Review
- Manage of Unexpected Events





# Diversion & Outreach/Education

- Food Waste Prevention & Rescue
- Waste Prevention – SF, MF, Comm
- Recycling & Composting – SF, MF, Comm
- Commercial Packaging
- Landscape & Organics
- C&D Debris
- Schools



# Inspectors & Compliance

- Field Activities – Responding to Customer Requests
- MF & Commercial Garbage Dumpster Inspections for Recycle & Food Waste
- Weekly Contractor Audits to ensure Extras correct charged
- Move Dumpsters off the ROW
- UW's Move In/Move Out Periods
- Coordinate with others to ensure a cleaner City:
  - SDOT, SDC&I, BIAs, Dept of Neighborhoods, OED, Parks, Contact Center, CPT, Illegal Dumping, Haulers, & Customers





# Facilities Management

- North & South Transfer Stations
  - Facility Operations - Floor Crews; Maintenance Crews; Scale Attendants; Heavy Truck Drivers
- Historical Landfills
  - Maintenance & Environmental Monitoring
- North & South HHW Drop-off Sites



# Clean City Programs

- Public Place Litter & Recycling
- BIA Support
- Adopt-a-Street/Block
- Community Clean-ups
- Homelessness Response
- Graffiti Rangers
- Sharps Response
- Illegal Dumping Inspections
- Abandoned Automobile Removal
- RV Remediation



# How do we decide what we do – now and into the future?

