



## Construction & Demolition Waste

City of Tacoma | Environmental Services  
Infrastructure, Planning, and Sustainability Committee  
December 18, 2019  
ITEM #2



### OVERVIEW



- Background & current landscape
- Education & outreach efforts
- 2020 priorities & strategies

## BACKGROUND



### Tacoma Policy Goals

- Sustainable Materials Management Plan
- Environmental Action Plan
- Pierce County/City of Tacoma Solid Waste Management Plan

3

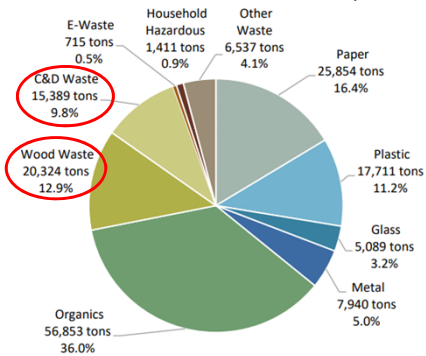
## BACKGROUND



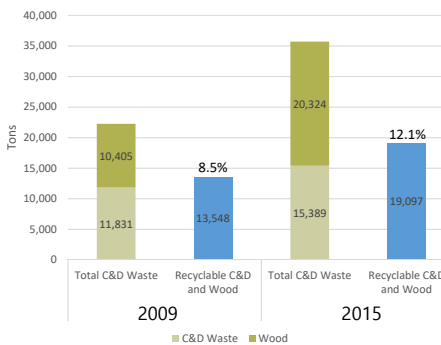
### 2009 and 2015 Waste Composition Study Data

*Note: City of Tacoma system only*

#### 2015 Overview of Total Waste Disposed



#### Estimated Recyclable C & D Waste Totals



4

## BACKGROUND



### City of Tacoma Permits (Jan. 2019 to date)

Permit Type	Number issued
Residential New Build	230
Commercial New Build	58
Residential Alteration	649
Commercial Alteration	475
Residential Demolition	79
Commercial Demolition	32

5

## BACKGROUND



### Current C & D Markets

#### *Tacoma Companies*

- Two (2) - deconstruction/salvage
- 17 – recycling/processing companies

#### *City of Tacoma*

- Wood grinder for clean wood waste
- Market as wood chips or hog fuel



6

## ISSUES



- Local landfill end life anticipated for 2035.
- Need for internal/external education and outreach.
- Regional coordination through work groups.

7

## EDUCATION/OUTREACH



### Websites

- Solid Waste C & D tab
- Tacomapermits.org
- Office of Environmental Policy & Sustainability
- EnviroHouse

### C & D reuse/recycling printed card

- Solid Waste transfer station
- Permit lobby desk

### PDS tip sheets

8

## EDUCATION/OUTREACH



### City-hosted events

- Green building tours
- PDS lunch-n-learns
- Industrial symbiosis workshop



### Partnerships

- Puget Sound area deconstruction advisory group (hosted by US EPA)
- City Historic Preservation demolition code (as of Nov. 1<sup>st</sup>)

9

## HEALTH, EQUITY & SUSTAINABILITY ANALYSIS



- Saves natural resources and conserves energy.
- Reduces greenhouse gas emissions.
- Protects public health.
- Extends life of landfill.
- Creates jobs and supports local economy.

10

## NEXT STEPS



### 2020 Goals:

- Establishing reduced clean wood waste rate.
- Completing new waste composition survey.
- Looking at C & D recycling facility certification.
- Reviewing two-bin policy and logistics/enforcement.
- Evaluating incentives in land use and building codes.
- Determining feasibility/effectiveness of salvage assessment tied to demolition permits.

11