

# TRANSFER STATION RECYCLING

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Transfer Plan Review Workshop 1

July 26, 2013



Department of Natural Resources and Parks

**Solid Waste Division**

# Why provide self-haul recycling?

## Zero Waste of Resources by 2030

### Solid Waste Management Hierarchy

1. Waste Reduction
2. Recycling
3. Disposal

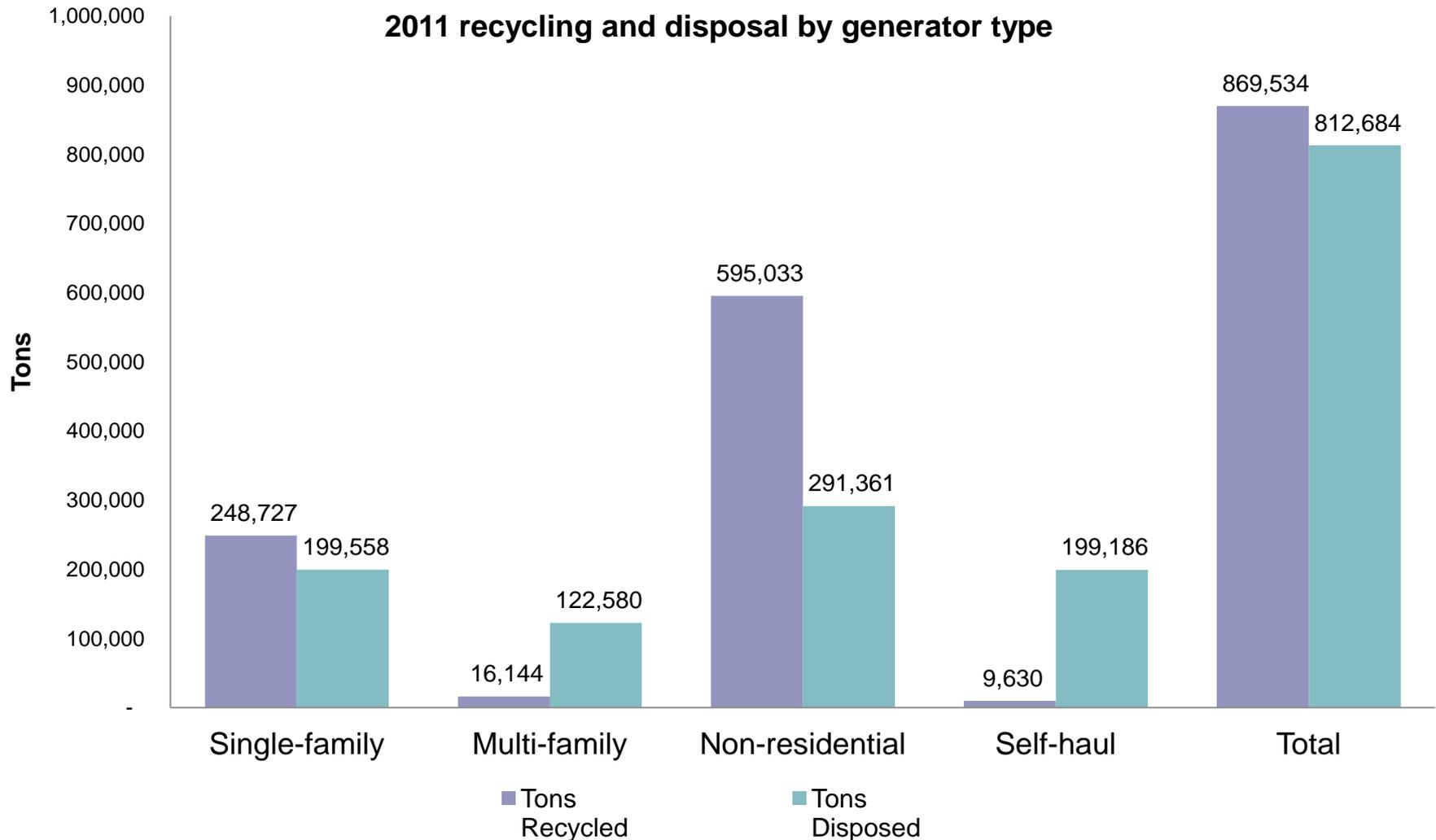
### 2001 Comprehensive Solid Waste Management Plan

- Provide recycling services at existing transfer stations as feasible
- Provide expanded recycling services at new transfer stations

### Draft 2013 Comprehensive Solid Waste Management Plan

- Provide recycling services at transfer stations based on service area needs, focus on maximizing diversion of recyclables
- Maximize recycling services as new stations are constructed and at existing facilities as space allows
- Focus on priority materials: organics, clean wood, scrap metal, cardboard
- Provide financial incentives to encourage recycling over disposal
- Explore prospects for transfer of commercial loads of organics through county transfer stations

# How important is transfer station recycling?



# Current Urban Station Recycling Services

## Current Urban Transfer Station Recycling Service (2013)

Service
No Service

Curbside Mix	Algona	Bow Lake*	Factoria	Houghton	Renton	Shoreline
Corrugated Cardboard						
Mixed Paper & Newspaper						
PET & HDPE Plastic Bottles						
Other Rigid Plastic Containers						
Aluminum Cans						
Tinned Food Cans						
Glass Containers						
<b>Organics</b>						
Yard Waste						
<b>Metal</b>						
Scrap Metal						
Appliances						
<b>Construction &amp; Demolition</b>						
Clean Wood						
<b>Reusables</b>						
Reusable Building Materials		**				**
Reusable Household Goods						
Textile: Clothes						
Bicycles						

\* Services that are currently provided or will be at opening in October 2013

\*\* events

# Old Transfer Station Design

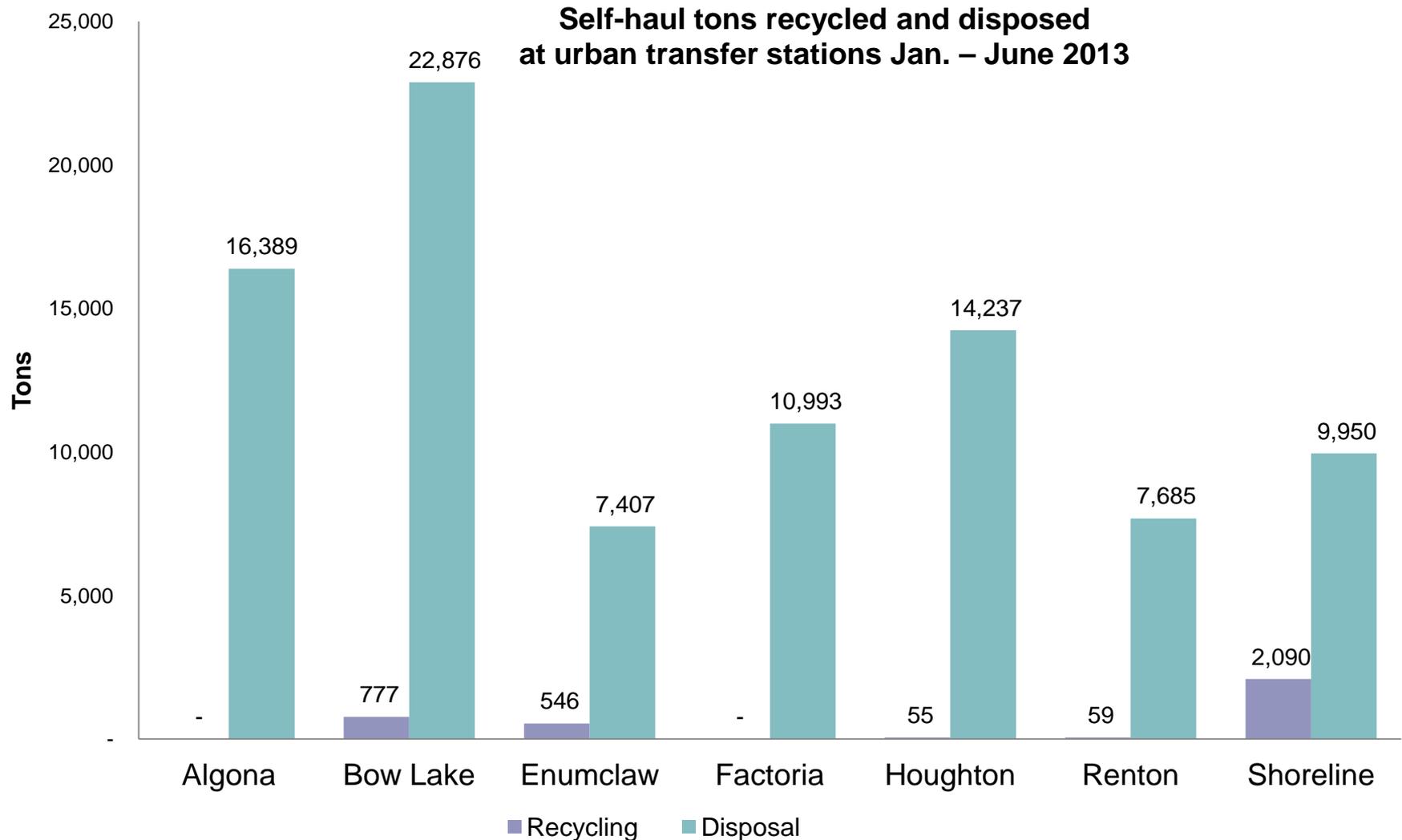
## Little or no room for recycling services



# Drop Box Recycling

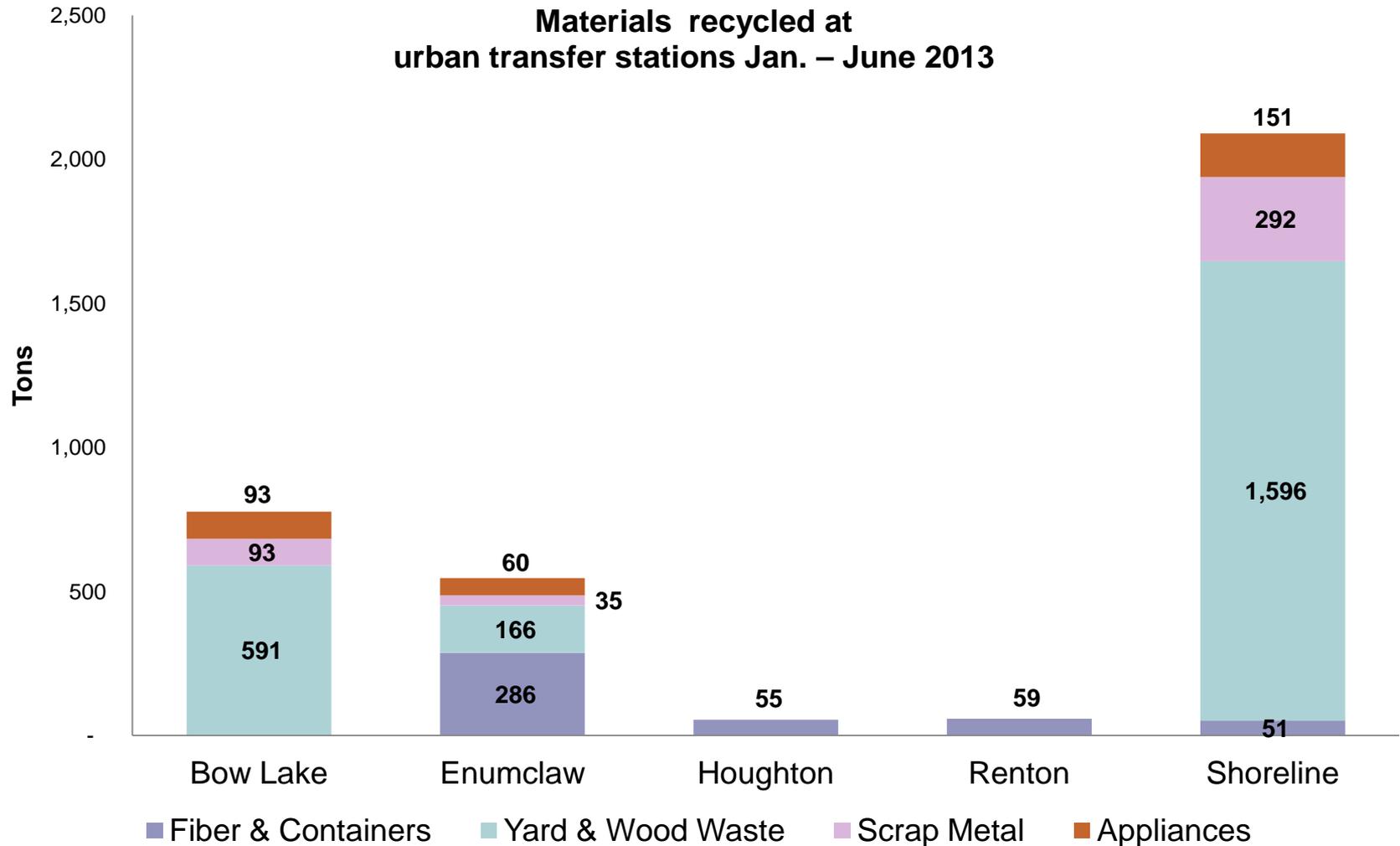


# How much do self-haulers recycle?



*A self-haul recycling rate of 35 percent is needed to support an overall 70 percent recycling goal*

# What is being recycled at transfer stations?



*Note: There is no recycling at Algona or Factoria*

What self-haul recycling services can be provided at existing and new facilities?

# Scenario 1: Status Quo

## Scenario One Transfer Station Recycling Status Quo -- No Changes

						Service
						No Service
Curbside Mix	Algona	Bow Lake*	Factoria	Houghton	Renton	Shoreline
Corrugated Cardboard						
Mixed Paper & Newspaper						
PET / HDPE Bottles						
Other Rigid Plastic						
Plastic Film						
Aluminum Cans						
Tinned Food Cans						
Glass Containers						
<b>Organics</b>						
Yard Waste						
Food / Soiled Paper						
<b>Metal</b>						
Scrap Metal						
Appliances						
<b>Construction &amp; Demolition</b>						
Clean Wood						
Gypsum Wallboard						
Asphalt Shingles						
Carpet / Carpet Pad						
<b>Bulky</b>						
Furniture						
Mattresses						
Tires						
<b>Reusables</b>						
Reusable Building Materials		**				**
Reusable Household Goods						
Textile: Clothes						
Bicycles						

\* Services that are currently provided or will be at opening in October 2013

\*\* events

# Scenario 1



# Scenario 2: Implement Transfer Plan

## Scenario Two Transfer Station Recycling Implement Transfer Plan

	Baseline Service				
	No Service				
Curbside Mix	Bow Lake*	New Factoria	Shoreline	New South	New Northeast
Corrugated Cardboard					
Mixed Paper & Newspaper					
PET / HDPE Bottles					
Other Rigid Plastic					
Plastic Film					
Aluminum Cans					
Tinned Food Cans					
Glass Containers					
<b>Organics</b>					
Yard Waste					
Food / Soiled Paper					
<b>Metal</b>					
Scrap Metal					
Appliances					
<b>Construction &amp; Demolition</b>					
Clean Wood					
Gypsum Wallboard					
Asphalt Shingles					
Carpet / Carpet Pad					
<b>Bulky</b>					
Furniture					
Mattresses					
Tires					
<b>Reusables</b>					
Reusable Building Materials	**	**	**	**	**
Reusable Household Goods					
Textile: Clothes					
Bicycles					

\* Services that are currently provided or will be at opening in October 2013

\*\* events

# Scenario 2



# Scenario 2



# Scenario 3: Implement Transfer Plan and Add Services

## Scenario Three Transfer Station Recycling Implement Transfer Plan & Add Services

Baseline Service
Enhanced Service

Curbside Mix	Bow Lake*	New Factoria	Shoreline	New South	New Northeast
Corrugated Cardboard					
Mixed Paper & Newspaper					
PET / HDPE Bottles					
Other Rigid Plastic					
Plastic Film					
Aluminum Cans					
Tinned Food Cans					
Glass Containers					
<b>Organics</b>					
Yard Waste					
Food / Soiled Paper					
<b>Metal</b>					
Scrap Metal					
Appliances					
<b>Construction &amp; Demolition</b>					
Clean Wood					
Gypsum Wallboard					
Asphalt Shingles					
Carpet / Carpet Pad					
<b>Bulky</b>					
Furniture					
Mattresses					
Tires					
<b>Reusables</b>					
Reusable Building Materials	**	**	**	**	**
Reusable Household Goods					
Textile: Clothes					
Bicycles					

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\*\* events

# Scenario 3: Flooring Sorting of Materials



# Questions for Discussion

Do we provide self haul garbage service

- At all existing transfer stations?
- At all new transfer stations?

Do we provide self haul recycling services that

- Provide some/mixed levels of service throughout our system?
- Provide a high level of service that maximizes diversion?



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