

# City of Camas Waste & Recycling Collection Changes

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BELL & ASSOCIATES

# Solid Waste Planning Project Background

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## Planning Phase 1

### Assessment of the City SW system by

- Collection and analysis of operational data
- Interviews with department personnel
- Observations in the form of route ride-a-longs

# Phase 1 Recommendations

Operation	Recommendation	Status
<b>Safety</b>	Drivers to wear high visibility gear while working.	Completed
<b>Extra Charges</b>	Create new form to assist with the reporting of extra charges.	Completed
<b>Driveway Service</b>	Cease driveway service due to the high risk.	Completed
<b>Driver Augmentation</b>	Train additional drivers from current City staff to augment collection personnel.	No Action
<b>Walk-in Service</b>	Assess a rate for walk-in service unless the customer is not physically able to set out their garbage cart.	Completed
<b>Narrow Streets</b>	Place carts on one side of the street where there is the greatest amount of room.	Near Completion
<b>Downtown Service</b>	Reassign mall collection to the downtown janitorial service crew.	Pending
<b>Unbalanced Residential Collection Routes</b>	Shift approximately 600 customers from the Wednesday to other collection days.	Fall 2018
<b>Collection Efficiency</b>	Develop 3 residential and one commercial route for each collection day. Draw the map and sequence customer to increase efficiency.	Fall 2018
<b>Every-other-week collection</b>	Update procedures to right size customers with their weekly service levels.	Council Input
<b>Incorrect Carts</b>	Complete a route audit to update customer's correct level of service.	Phase 3

# SW Planning Phase 2

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1. Efficient rerouting of collection routes and coordination with Waste Connections to lessen the overall impact on City residents and businesses.
2. Expected growth within the current City boundaries and proposed annexations.
3. Projecting labor and equipment necessary to maintain the City's high level of service.
4. Calculation of the cost of providing solid waste services.

# Collection Routing Process

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No set collection routes – drivers would collect the carts set-out within the collection areas

Gary Lima (Container Pros) and Garry Reed drew out collection routes for each collection day

Set collection routes were established to collect operational data

- Finding – Drive time expended collecting waste by Camas drivers was comparable to industry
- Byproduct - Reduced driver overtime with set routes

# Existing Residential Collection Routes

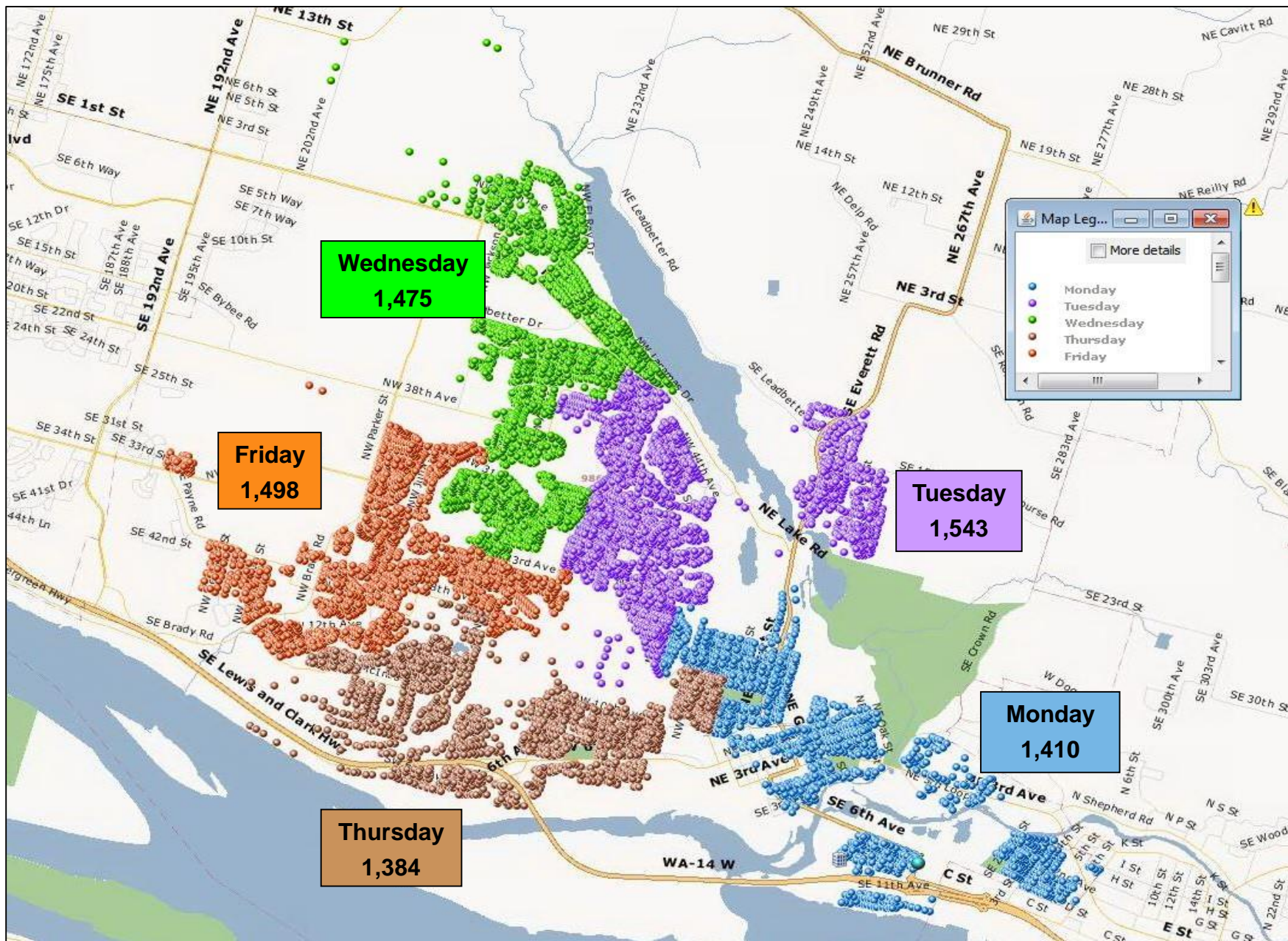
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Collection Day	Residential Customers	Collection Hours	Daily Routes
Monday	521	5.37	1
Tuesday	1,644	16.95	2
Wednesday	2,805	28.92	4
Thursday	1,025	10.57	2
Friday	1,279	13.20	2
<b>Total</b>	<b>7,274</b>	<b>75.0</b>	

# Reroute Objectives

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1. Establish daily collection routes that require no more than 8 hours on-route
2. Same day collection of waste, recycling, and yard debris; therefore, it must be compatible with Waste Connections operations.
3. Accommodate the expected growth in the annexed areas of the City





# Initial Route Changes

Requires two trucks for residential collection

One truck for commercial collection

Final changes will be completed in April

Day	Current Day	New Day	▲
Monday	522	1,410	+888
Tuesday	1,628	1,535	(93)
Wednesday	2,802	1,475	(1,327)
Thursday	1,008	1,384	+376
Friday	1,342	1,498	+156
	7,302	7,302	-



# Re-route Next Steps

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**July 17** - Request current customer data to update the collection routes and to sequence the order of collection. The SW Supervisor, Garry Reed, will work with personnel from Waste Connections.

**July 31** - Submit route data to Clark County GIS to update the collection route map

**July 31** - Complete customer contact outreach materials and submit to Data Bar for distribution.

**August 20** - Mail out first customer contact notices (August 20) and follow up with second notice.

**September 24**- Mail out second customer contact notice.

**October 1** - Implement new collection routes

# Projected Growth

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Customers	2017	2018	2019	2020	2021
Residential Customers (Sep 17)	7,274				
In-City Growth	52	303	303	303	303
Annex Areas – Platted (Aug 19)			407	407	407
Annex Areas – Existing (Aug 19)			534		
Total Residential Customers	7,326	7,629	8,873	9,583	10,293

## Next Steps

City has three 24 yard trucks and one 12 yard truck

Growth will require the addition of a fourth truck equipped with a 24 yard body and driver in 2019 or subcontract to Waste Connections

Confirm process utilized by the City to collect address and GPS data for utility service and billing in the annexed area. This information will be required to generate collection routes. (Phase III)

# Collection Rates

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August work session meeting with Council to discuss collection rates:

- Cost of solid waste collection and curbside recycling

- Projected cost and rate impacts of growth