

ATTACHMENT 3

1. What is the maximum vehicular and transactions capacity of the system? Does the calculation assume the closure of Houghton and Renton open or the closure of both stations?

Answer: See Attachment 3. To determine capacity, the division extrapolates based on the historical inflow of both tons and vehicles on an hourly basis. Considering these well-established patterns provides a more accurate picture of how a station will actually function than averaging across all days or hours.

To determine capacity, the division extrapolates based on the historical inflow of both tons and vehicles on an hourly basis. Considering these well-established patterns provides a more accurate picture of how a station will actually function than averaging across all days or hours. Below is the current capacity and projected capacity under the Base Plan.

Urban transfer stations tonnage capacity per hour

Current configuration/operation						
Algona	Bow Lake*	Factoria	Houghton	Renton	Shoreline*	Total
77	200	78	80	76	100	611
Base Alternative						
South County*	Bow Lake*	Factoria*	Northeast*	Renton	Shoreline*	Total
100	200	170	100	0	100	703

*In addition to the hourly processing capacity, these sites have storage capability of about 50 tons on the tipping floor without adversely affecting the operation, allowing for peak receiving and processing later when the station is less busy.

Urban transfer stations vehicle capacity per hour

Current configuration/operation							
	Algona	Bow Lake	Factoria	Houghton	Renton	Shoreline	Total
weekday	66	92	58	66	41	70	393
weekend	85	88	66	87	42	72	440
Base Alternative							
	South County	Bow Lake	Factoria	Northeast	Renton	Shoreline	Total
weekday	71	92	65	69	0	70	367
weekend	100	88	87	88	0	72	435

With the Base Alternative there is less vehicle capacity system wide, primarily due to Renton closure, but stations would be better configured to meet customer demands, for example Algona/South

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County requires more self-haul capacity on weekends, but Houghton/Northeast requires more commercial capacity on weekdays.