

## Interim Report 2: Analysis of System Needs and Capacity

The table below summarizes the application of Criteria 1-16 to the five urban transfer stations being evaluated. Following the table is a detailed description of each evaluation criterion and standard, including what it is intended to measure, how it was applied and what limitations, if any, are associated with the data.

**Table 1: Summary Results of Applying Criteria**

		Algona	Bow Lake	Factoria	Houghton	Renton
1. Estimated time to a transfer facility within the service area for 90% of users.	< 30 min=yes	YES	YES	YES	YES	YES
2. Time on site meets standard for 90% of trips						
a. commercial vehicles	< 16 min=yes	NO	YES	NO	NO	NO
b. business self haulers	< 30 min=yes	YES	NO*	NO*	NO*	YES
c. residential self haulers	< 30 min=yes	YES	NO*	YES	YES	YES
		<i>*Meets criterion weekdays, but not weekend days</i>				
3. Facility hours meet user demand	YES/NO	YES	YES	YES	YES	YES
4. Recycling services ... meet policies in SW Comp Plan						
a. business self haulers	YES/NO	NO	NO	NO	NO	NO
b. residential self haulers	YES/NO	NO	NO	NO	NO	NO
5. Vehicle capacity						
a. meets current needs	YES/NO	NO	YES	NO	NO	YES
b. meets 20 year forecast needs	YES/NO	NO	NO	NO	NO	NO
6. Average daily handling capacity (tons)						
a. meets current needs	YES/NO	NO	NO	YES	NO	YES
b. meets 20 year forecast needs	YES/NO	NO	NO	NO	NO	YES
7. Space for 3 days' storage						
a. meets current needs	YES/NO	NO	NO	NO	NO	NO
b. meets 20 year forecast needs	YES/NO	NO	NO	NO	NO	NO
8. Space exists for station expansion						
a. inside the property line	YES/NO	NO	YES	YES	YES	YES
b. on available adjacent lands through expansion	YES/NO	YES	YES	YES	NO	NO
9. Minimum roof clearance of 25 feet	YES/NO	YES	YES	NO	NO	YES
10. Meets facility safety goals	YES/NO	NO*	NO*	NO*	NO*	NO*

*\* The presence of these physical challenges does not mean that the stations operate in an unsafe manner. It does mean that it takes extra effort by staff and management, which reduces system efficiency, to ensure the facilities are operated safely.*

		Algona	Bow Lake	Factoria	Houghton	Renton
11. Ability to compact waste	YES/NO	NO	NO	NO	NO	NO
12. a. Meets goals for structural integrity b. Meets FEMA immediate occupancy standards	YES/NO	YES	YES	YES	YES	YES
	YES/NO	YES	NO	NO	NO	YES
13. Meets applicable local noise ordinance levels	YES/NO	YES	YES	YES	YES	YES
14. Meets PSCAA standards for odors	YES/NO	YES	YES	YES	NO*	YES
<i>*One complaint on Houghton was verified within the previous 2 years. No citation was issued.</i>						
15. Meets goals for traffic on local streets a. Meets LOS standard b. Traffic does not extend onto local streets 95% of time	YES/NO	YES	NO	YES	YES	YES
	YES/NO	NO*	NO*	NO*	YES*	YES*
<i>*Meets criterion weekdays, but not weekend days. Yes or No rating based on evaluating all days w/in study period.</i>						
16. 100 foot buffer between active area & nearest residence	YES/NO	YES	YES	YES*	NO	YES
<i>*Meets 100 ft from residence criterion, but business within 100 ft</i>						