

APPENDIX H
LEVEL OF SERVICE TABLES

APPENDIX H – LEVEL OF SERVICE TABLES

This appendix contains tables showing the results of applying level of service criteria to the transfer stations addressed in this report. Criteria 1-17 were designed to evaluate the current conditions of the existing transfer stations in the county's waste handling system. It naturally followed that these level of service criteria were used to look at possible future stations and system packages.

Table 2-1 includes the conclusion of applying Criterion 17 to the existing transfer stations. Included here, as Table G-1, are all the elements of Criterion 17.

The remaining tables are Criteria 1 through 16 Level of Service as applied to "future" transfer stations delineated in the packages presented in Chapter 2.

At the point new facilities are actually sited, further studies will be conducted. The process of siting new facilities will consider compatibility with adjacent land use (Criterion 17). The following tables do not include an evaluation of new facilities using Criterion 17. New facilities will also require new land use permits. Acquisition of the land use permits will be successful if the local jurisdictions' land use requirements are met.

The tables included here are:

Existing Conditions

Table G-1: Application of Level of Service Criteria 17 to *Existing* Stations

Future Conditions

Table G-2: Results of Applying Level of Service Criteria to *Future* Stations as Self-Haul Only

Table G-3: Summary Results of Applying Level of Service Criteria to Package *Future* Stations

Table G-4: Results of Applying Level of Service Criteria to Package1 *Future* Stations

Table G-5: Results of Applying Level of Service Criteria to Package 1A *Future* Stations

Table G-6: Results of Applying Level of Service Criteria to Package 2 *Future* Stations

Table G-7: Results of Applying Level of Service Criteria to Package 2A *Future* Stations

Table G-8: Results of Applying Level of Service Criteria to Package 3 *Future* Stations

Table G-9: Results of Applying Level of Service Criteria to Package 4 *Future* Stations

Existing Conditions

**Table G-1: Application of Level of Service Criterion 17 to Existing Stations
(as adopted by MSWMAC)**

	Algona	Bow Lake	Factoria	Houghton	Renton
Consistency w/ Land Use Plans & Zoning Regulations					
Transfer station use is consistent with the land use comprehensive plan zoning regulations and building code of the host jurisdiction(s), including any variances or waivers.	Yes	Yes	Yes	Yes	Yes
Aesthetics					
1. Station is consistent in character and appearance with other developments in site vicinity or is largely obscured by topography, design feature, or landscaping	Yes	Yes	No ¹	No ²	Yes
2. Effective dust and litter control measures are implemented to minimize offsite transfer station-related dust and litter	Yes	Yes	Yes	Yes	Yes
Noise					
1. Onsite noise from station operations meets applicable local noise ordinance standards.	Yes	Yes	Yes	Yes	Yes
Odor					
1. Operational best management practices are implemented to minimize the potential for offsite odor.	Yes	Yes	Yes	Yes	Yes
2. Meets PSCAA standards for odors; no complaints verified by regulatory agencies within last two years.	Yes	Yes	Yes	No ³	Yes
Traffic					
1. Meet criteria for acceptable traffic on local streets					
a. Meets local jurisdiction's level of service standard	Yes	No ⁴	Yes	Yes	Yes
b. Traffic does not spill out onto local streets 95% of the time	No ⁵	No ⁵	No ⁵	Yes ⁶	Yes
2. Transfer station-related traffic does not result in a safety hazard for other vehicles, bicycles, pedestrian or equestrian traffic; based on incidents reported to local law enforcement agency over last 2 years.	No Data	No Data	No Data	No Data	No Data
3. Transfer-station generated traffic does not significantly degrade LOS at any intersection	Yes	No ⁴	Yes	Yes	Yes
General					
1. 100 foot buffer between active area of station and nearest residence	Yes	Yes	Yes ⁷	No ⁸	Yes
2. Transfer station meets all state and local regulations governing design and operation of transfer stations.	Yes	Yes	Yes	Yes	Yes
Conclusion regarding Land Use Compatibility: Transfer station is compatible with surrounding Land Use.	Yes	Yes	No ^{1, 5}	No ^{2, 3, 8}	Yes

¹ FTS is a 30+ year old facility suffering from deferred maintenance. It is visible on the approach to adjacent businesses. This is a close call as the neighborhood is primarily commercial/industrial.

² HTS is a 30+ year old facility suffering from deferred maintenance. It is in a residential/recreational area and clearly visible from the road.

³ One verifiable complaint in last two years.

⁴ Spills out onto Orillia Road on weekends.

⁵ Meets criterion weekdays, but not weekend days. Yes or no rating based on evaluating all days within study periods.

⁶ For all weekend and weekdays combined, Houghton is at 95%.

⁷ Meets 100 foot residential criterion, but businesses located within 100 ft.

⁸ Transfer station parking is located within 100 feet of nearest residence.

Future Conditions

Table G-2: Results of Applying Level of Service Criteria to Future Stations as Self-Haul Only

Note: Many of the deficiencies identified in Chapter 2, Table 2-1 “Application of Level of Service Criteria to Transfer Station” are directly attributable to conflicts arising from commercial and self-haul customers queuing entering, dumping and exiting the constrained spaces of the existing facilities. Self-haul only facilities do not have the same requirements as a full service facility. The criteria in Table 2.1 were reapplied to the existing facilities proposed to be self-haul only and appear below. When the answer for a particular criterion changes due to being self-haul only, changes are italicized in blue.

		Algona SH-only	Factoria SH-only	Houghton SH-only	Renton SH-only
1. Estimated time to a transfer facility within the service area for 90% of users	< 30 min=yes	YES	YES	YES	YES
2. Time on site meets standard for 90% of total trips					
a. commercial vehicles	< 16 min=yes	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
b. business self haulers	< 30 min=yes	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
c. residential self haulers	< 30 min=yes	YES	YES	YES	YES
3. Facility hours meet user demand	YES/NO	YES	YES	YES	YES
4. Recycling services...meet policies in SW Comp Plan					
a. business self haulers	YES/NO	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
b. residential self-haulers	YES/NO	NO	NO	NO	NO
5. Vehicle capacity					
a. meets current needs	YES/NO	NO	NO	NO	YES
b. meets 20 year forecast needs	YES/NO	NO	NO	NO	<i>YES</i>
6. Average daily handling capacity (tons)					
a. meets current needs	YES/NO	<i>YES</i>	YES	<i>YES</i>	YES
b. meets 20 year forecast needs	YES/NO	<i>YES</i>	<i>YES</i>	<i>YES</i>	YES
7. Space for 3 days' storage					
a. meets current needs	YES/NO	NO	NO	NO	NO
b. meets 20-year forecast needs	YES/NO	NO	NO	NO	NO
8. Space exists for station expansion					
a. inside the property line	YES/NO	NO	YES	YES	YES
b. on available adjacent lands through expansion	YES/NO	YES	YES	NO	NO
9. Minimum roof clearance of 25 feet	YES/NO	<i>YES*</i>	<i>N/A*</i>	<i>YES*</i>	<i>YES*</i>
<i>* Self-haul facilities do not require 25 feet of clearance. However, each of these stations except FTS meet or will meet the criterion at the time of export.</i>					
10. Meets facility safety goals	YES/NO	<i>NO*</i>	<i>NO*</i>	<i>NO*</i>	<i>NO*</i>
<i>* The presence of these physical challenges doesn't mean that the stations operate in an unsafe manner.</i>					
11. Ability to compact waste	YES/NO	NO	NO	NO	NO

		Algona SH-only	Factoria SH-only	Houghton SH-only	Renton SH-only
12. a. Meets goals for structural integrity	YES/NO	YES	YES	YES	YES
	b. Meets FEMA immediate occupancy standards	YES/NO	YES	NO	YES
13. Meets applicable local noise ordinance levels	YES/NO	YES	YES	YES	YES
14. Meets PSCAA standards for odors	YES/NO	YES	YES	YES*	YES
<i>* New odor control system installed</i>					
15. Meets goals for traffic on local streets	a. Meets LOS standard	YES/NO	YES	YES	YES
	b. Traffic does not extend onto local streets 95% of time	YES/NO	NO*	NO*	YES
<i>*Meets criteria 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*	NO	YES
<i>*Meets 100 ft from residence criteria, but existing business within 100 ft</i>					

Table G-3: Summary Results of Applying Level of Service Criteria to Future Transfer Station Packages

		Package 1	Package 1a	Package 2	Package 2a	Package 3	Package 4
1. Estimated time to a transfer facility within the service area for 90% of users	< 30 min=yes	YES		YES	YES	NO	YES
2. Time on site meets standard for 90% of total trips	< 16 min=yes	YES		YES	YES	YES	YES
a. commercial vehicles	< 30 min=yes	YES		YES 1	YES 1	YES	YES 1
b. business self haulers	< 30 min=yes	YES		YES	YES	YES	YES
c. residential self haulers							
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	YES		YES 2	YES 2	YES	YES 2
b. residential self-haulers	YES/NO	YES		NO	NO	NO	NO
5. Vehicle capacity							
a. meets current needs	YES/NO	YES		NO	NO	NO	NO
b. meets 20-year forecast needs	YES/NO	YES		NO	NO	NO	NO
6. Average daily handling capacity (tons)							
a. meets current needs	YES/NO	YES		YES	YES	YES	YES
b. meets 20-year forecast needs	YES/NO	YES		YES	YES	YES	YES
7. Space for 3 days' storage							
a. meets current needs	YES/NO	YES		NO	NO	NO	NO
b. meets 20-year forecast needs	YES/NO	YES		NO	NO	NO	NO
8. Space exists for station expansion							
a. inside the property line	YES/NO	YES		YES	YES	YES	NO
b. on available adjacent lands through expansion	YES/NO	YES		NO	NO	NO	NO
9. Minimum roof clearance of 25 feet	YES/NO	YES		YES*	YES*	YES*3	YES*
<i>* HTS new roof funding approved.</i>							
10. Meets facility safety goals	YES/NO	YES		NO*	NO*	NO*	NO*
<i>* The presence of these physical challenges doesn't mean that the stations operate in an unsafe manner.</i>							
11. Ability to compact waste	YES/NO	YES		NO	NO	NO	NO

		Package 1	Package 1a	Package 2	Package 2a	Package 3	Package 4
12. a.	Meets goals for structural integrity	YES/NO	YES	YES	YES	YES	YES
b.	Meets FEMA immediate occupancy standards	YES/NO	YES	YES	YES	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*	YES*	YES*
		* New odor control system installed					
15.	Meets goals for traffic on local streets						
a.	Meets LOS standard	YES/NO	YES	YES	YES	YES	YES
b.	Traffic does not extend onto local streets 95% of time	YES/NO	YES	YES	YES	NO*	NO
		*Meets criteria weekdays, but not weekend days. Yes or No rating based on evaluating all days w/in study period.					
16.	100 foot buffer between active area and nearest residence	YES/NO	YES	NO	NO	NO	NO
		*Meets 100 ft from residence criterion, but business within 100 ft.					

- 1) If business self haulers are eligible to use facility - have automated vehicles.
- 2) This is a policy decision - recycling services at transfer stations are a comp plan issue
- 3) For most self-haul customers, roof clearance is not an issue

Note: Package 1a (new Factoria) cannot be evaluated at this time.

Table G-4: Results of Applying Level of Service Criteria to Package 1 Future Stations

		New South County	New Bow Lake	Factoria / Eastgate	New NE Lake WA	Combined Effect
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 total trips					
a.	commercial vehicles < 16 min=yes	YES	YES	YES	YES	YES
b.	business self haulers < 30 min=yes	YES	YES	YES	YES	YES
c.	residential self haulers < 30 min=yes	YES	YES	YES	YES	YES
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	YES	YES	YES	YES	YES
b.	residential self-haulers YES/NO	YES	YES	YES	YES	YES
5.	Vehicle capacity					
a.	meets current needs YES/NO	YES	YES	YES	YES	YES
b.	meets 20-year forecast needs YES/NO	YES	YES	YES	YES	YES
6.	Average daily handling capacity (tons)					
a.	meets current needs YES/NO	YES	YES	YES	YES	YES
b.	meets 20-year forecast needs YES/NO	YES	YES	YES	YES	YES
7.	Space for 3 days' storage					
a.	meets current needs YES/NO	YES	YES	YES	YES	YES
b.	meets 20-year forecast needs YES/NO	YES	YES	YES	YES	YES
8.	Space exists for station expansion					
a.	inside the property line YES/NO	YES	YES	YES	YES	YES
b.	on available adjacent lands through expansion YES/NO	YES	YES	YES	YES	YES
9.	Minimum roof clearance of 25 feet YES/NO <i>* HTS new roof funding approved.</i>	YES	YES	YES	YES	YES
10.	Meets facility safety goals YES/NO <i>* The presence of these physical challenges doesn't mean that the stations operate in an unsafe manner.</i>	YES	YES	YES	YES	YES
11.	Ability to compact waste YES/NO	YES	YES	YES	YES	YES

		New South County	New Bow Lake	Factoria / Eastgate	New NE Lake WA	Combined Effect
12. a.	Meets goals for structural integrity	YES/NO	YES	YES	YES	YES
	b. Meets FEMA immediate occupancy standards	YES/NO	YES	YES	YES	YES
13.	Meets applicable local noise ordinance levels	YES/NO	YES	YES	YES	YES
14.	Meets PSCAA standards for odors	YES/NO	YES	YES	YES	YES

* New odor control system installed

15.	Meets goals for traffic on local streets					
	a. Meets LOS standard	YES/NO	YES	YES	YES	YES
	b. Traffic does not extend onto local streets 95% of time	YES/NO	YES	YES	YES	YES

*Meets criteria weekdays, but not weekend days. Yes or No rating based on evaluating all days w/in study period.

16.	100 foot buffer between active area and nearest residence	YES/NO	YES	YES	YES	YES
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*Meets 100 ft from residence criterion, but business within 100 ft.

- 1) If business self haulers are eligible to use facility - have automated vehicles.
- 2) This is a policy decision - recycling services at transfer stations are a comp plan issue
- 3) For most self-haul customers, roof clearance is not an issue

**Table G-5: Results of Applying Level of Service Criteria to Package 1A
Future Stations**

		New South County	New Bow Lake	New Factoria	New NE Lake WA	Combined Effect
1.	Estimated time to a transfer facility within the service area for 90% of users < 30 min=yes	YES	YES		YES	
2.	Time on site meets standard for 90% of total trips					
a.	commercial vehicles < 16 min=yes	YES	YES		YES	
b.	business self haulers < 30 min=yes	YES	YES		YES	
c.	residential self haulers < 30 min=yes	YES	YES		YES	
3.	Facility hours meet user demand YES/NO	YES	YES		YES	
4.	Recycling services meet policies in SW Comp Plan					
a.	business self-haulers YES/NO	YES	YES		YES	
b.	residential self-haulers YES/NO	YES	YES		YES	
5.	Vehicle capacity					
a.	meets current needs YES/NO	YES	YES		YES	
b.	meets 20-year forecast needs YES/NO	YES	YES		YES	
6.	Average daily handling capacity (tons)					
a.	meets current needs YES/NO	YES	YES		YES	
b.	meets 20-year forecast needs YES/NO	YES	YES		YES	
7.	Space for 3 days' storage					
a.	meets current needs YES/NO	YES	YES		YES	
b.	meets 20-year forecast needs YES/NO	YES	YES		YES	
8.	Space exists for station expansion					
a.	inside the property line YES/NO	YES	YES		YES	
b.	on available adjacent lands through expansion YES/NO	YES	YES		YES	
9.	Minimum roof clearance of 25 feet YES/NO <i>*HTS new roof funding approved.</i>	YES	YES		YES	
10.	Meets facility safety goals YES/NO <i>*The presence of these physical challenges doesn't mean that the stations operate in an unsafe manner.</i>	YES	YES		YES	
11.	Ability to compact waste YES/NO	YES	YES		YES	
12.	a. Meets goals for structural integrity YES/NO	YES	YES		YES	
b.	Meets FEMA immediate occupancy standards YES/NO	YES	YES		YES	

		New South County	New Bow Lake	New Factoria	New NE Lake WA	Combined Effect
13. Meets applicable local noise ordinance levels	YES/NO	YES	YES		YES	

14. Meets PSCAA standards for odors	YES/NO	YES	YES		YES	
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**New odor control system installed*

15. Meets goals for traffic on local streets						
a. Meets LOS standard	YES/NO	YES	YES		YES	
b. Traffic does not extend onto local streets 95% of time	YES/NO	YES	YES		YES	

**Meets criteria weekdays, but not weekend days. Yes or No rating based on evaluating all days w/in study period.*

16. 100 foot buffer between active area and nearest residence	YES/NO	YES	YES		YES	
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**Meets 100 ft from residence criterion, but business within 100 ft.*

- 1) *If business self haulers are eligible to use facility - have automated vehicles.*
- 2) *This is a policy decision - recycling services at transfer stations are a comp plan issue*
- 3) *For most self-haul customers, roof clearance is not an issue*

Note: Package 1a (new Factoria) cannot be evaluated at this time.

Table G-6: Results of Applying Level of Service Criteria to Package 2 Future Stations

		New South County	New Bow Lake	Factoria / Eastgate	Houghton SH-Only	New NE Lake WA Comm Only	Combined Effect
1. Estimated time to a transfer facility within the service area for 90% of users	< 30 min=yes	YES	YES	YES	YES	YES	YES
2. Time on site meets standard for 90% of total trips	< 16 min=yes	YES	YES	YES	N/A	YES	YES
a. commercial vehicles	< 30 min=yes	YES	YES	YES	N/A	YES 1	YES 1
b. business self haulers	< 30 min=yes	YES	YES	YES	YES	N/A	YES
c. residential self haulers	< 30 min=yes	YES	YES	YES	YES	N/A	YES
3. Facility hours meet user demand	YES/NO	YES	YES	YES	YES	YES	YES
4. Recycling services meet policies in SW Comp Plan							
a. business self-haulers	YES/NO	YES	YES	YES	N/A	YES 2	YES 2
b. residential self-haulers	YES/NO	YES	YES	YES	NO	N/A	NO
5. Vehicle capacity							
a. meets current needs	YES/NO	YES	YES	YES	NO	YES	NO
b. meets 20-year forecast needs	YES/NO	YES	YES	YES	NO	YES	NO
6. Average daily handling capacity (tons)							
a. meets current needs	YES/NO	YES	YES	YES	YES	YES	YES
b. meets 20-year forecast needs	YES/NO	YES	YES	YES	YES	YES	YES
7. Space for 3 days' storage							
a. meets current needs	YES/NO	YES	YES	YES	NO	YES	NO
b. meets 20-year forecast needs	YES/NO	YES	YES	YES	NO	YES	NO
8. Space exists for station expansion							
a. inside the property line	YES/NO	YES	YES	YES	YES	YES	YES
b. on available adjacent lands through expansion	YES/NO	YES	YES	YES	NO	YES	NO
9. Minimum roof clearance of 25 feet	YES/NO	YES	YES	YES	YES*	YES	YES*
* HTS new roof funding approved.							
10. Meets facility safety goals	YES/NO	YES	YES	YES	NO*	YES	NO*

* The presence of these physical challenges doesn't mean that the stations operate in an unsafe manner.

		New South County	New Bow Lake	Factoria / Eastgate	Houghton SH-Only	New NE Lake WA Comm Only	Combined Effect
11. Ability to compact waste	YES/NO	YES	YES	YES	NO	YES	NO
12. a. Meets goals for structural integrity	YES/NO	YES	YES	YES	YES	YES	YES
b. Meets FEMA immediate occupancy standards	YES/NO	YES	YES	YES	YES	YES	YES
13. Meets applicable local noise ordinance levels	YES/NO	YES	YES	YES	YES	YES	YES
14. Meets PSCAA standards for odors	YES/NO	YES	YES	YES	YES*	YES	YES*
<i>* New odor control system installed</i>							
15. Meets goals for traffic on local streets							
a. Meets LOS standard	YES/NO	YES	YES	YES	YES	YES	YES
b. Traffic does not extend onto local streets 95% of time	YES/NO	YES	YES	YES	YES	YES	YES
<i>*Meets criteria 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 and nearest residence	YES/NO	YES	YES	YES	NO	YES	NO
<i>*Meets 100 ft from residence criterion, but business within 100 ft.</i>							

- 1) If business self haulers are eligible to use facility - have automated vehicles.
- 2) This is a policy decision - recycling services at transfer stations are a comp plan issue
- 3) For most self-haul customers, roof clearance is not an issue

Table G-7: Results of Applying Level of Service Criteria to Package 2A Future Stations

		New South County	Factoria / Eastgate	Houghton SH-Only	Renton SH-Only	New NE Lake WA Comm Only	New Bow Lake Comm Only	Combined Effect
1. Estimated time to a transfer facility within the service area for 90% of users	< 30 min=yes	YES	YES	YES	YES	YES	YES	YES
2. Time on site meets standard for 90% of total trips	< 16 min=yes	YES	YES	N/A	N/A	YES	YES	YES
a. commercial vehicles	< 30 min=yes	YES	YES	N/A	N/A	YES 1	YES 1	YES1
b. business self haulers	< 30 min=yes	YES	YES	YES	YES	N/A	N/A	YES
c. residential self haulers	< 30 min=yes	YES	YES	YES	YES	N/A	N/A	YES
3. Facility hours meet user demand	YES/NO	YES	YES	YES	YES	YES	YES	YES
4. Recycling services meet policies in SW Comp Plan								
a. business self-haulers	YES/NO	YES	YES	N/A	N/A	YES 2	YES 2	YES 2
b. residential self-haulers	YES/NO	YES	YES	NO	NO	N/A	N/A	NO
5. Vehicle capacity								
a. meets current needs	YES/NO	YES	YES	NO	YES	YES	YES	NO
b. meets 20-year forecast needs	YES/NO	YES	YES	NO	YES	YES	YES	NO
6. Average daily handling capacity (tons)								
a. meets current needs	YES/NO	YES	YES	YES	YES	YES	YES	YES
b. meets 20-year forecast needs	YES/NO	YES	YES	YES	YES	YES	YES	YES
7. Space for 3 days' storage								
a. meets current needs	YES/NO	YES	YES	NO	NO	YES	YES	NO
b. meets 20-year forecast needs	YES/NO	YES	YES	NO	NO	YES	YES	NO
8. Space exists for station expansion								
a. inside the property line	YES/NO	YES	YES	YES	YES	YES	YES	YES
b. on available adjacent lands through expansion	YES/NO	YES	YES	NO	NO	YES	YES	NO
9. Minimum roof clearance of 25 feet	YES/NO	YES	YES	YES*	YES	YES	YES	YES*
* HTS new roof funding approved.								
10. Meets facility safety goals	YES/NO	YES	YES	NO*	NO*	YES	YES	NO*
* The presence of these physical challenges doesn't mean that the stations operate in an unsafe manner.								
11. Ability to compact waste	YES/NO	YES	YES	NO	NO	YES	YES	NO

		New South County	Factoria / Eastgate	Houghton SH-Only	Renton SH-Only	New NE Lake WA Comm Only	New Bow Lake Comm Only	Combined Effect
12. a.	Meets goals for structural integrity	YES/NO	YES	YES	YES	YES	YES	YES
b.	Meets FEMA immediate occupancy standards	YES/NO	YES	YES	YES	YES	YES	YES

13.	Meets applicable local noise ordinance levels	YES/NO	YES	YES	YES	YES	YES	YES
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14.	Meets PSCAA standards for odors	YES/NO	YES	YES	YES*	YES	YES	YES*
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* New odor control system installed

15.	Meets goals for traffic on local streets							
a.	Meets LOS standard	YES/NO	YES	YES	YES	YES	YES	YES
b.	Traffic does not extend onto local streets 95% of time	YES/NO	YES	YES	YES	YES	YES	YES

*Meets criteria weekdays, but not weekend days. Yes or No rating based on evaluating all days w/in study period.

16.	100 foot buffer between active area and nearest residence	YES/NO	YES	YES	NO	YES	YES	YES	NO
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*Meets 100 ft from residence criterion, but business within 100 ft.

1) If business self haulers are eligible to use facility - have automated vehicles.

2) This is a policy decision - recycling services at transfer stations are a comp plan issue

3) For most self-haul customers, roof clearance is not an issue

Table G-8: Results of Applying Level of Service Criteria to Package 3 Future Stations

		New South County	New Bow Lake	Renton SH-Only	Factoria SH-Only	Houghton SH-Only	MEGA New NE Lake WA	Combined Effect
1. Estimated time to a transfer facility within the service area for 90% of users	< 30 min=yes	YES	YES	YES	YES	YES	NO	NO
2. Time on site meets standard for 90% of total trips								
a. commercial vehicles	< 16 min=yes	YES	YES	N/A	N/A	N/A	YES	YES
b. business self haulers	< 30 min=yes	YES	YES	N/A	N/A	N/A	YES	YES
c. residential self haulers	< 30 min=yes	YES	YES	YES	YES	YES	YES	YES
3. Facility hours meet user demand	YES/NO	YES	YES	YES	YES	YES	YES	YES
4. Recycling services...meet policies in SW Comp Plan								
a. business self-haulers	YES/NO	YES	YES	N/A	N/A	N/A	YES	YES
b. residential self-haulers	YES/NO	YES	YES	NO	NO	NO	YES	NO
5. Vehicle capacity								
a. meets current needs	YES/NO	YES	YES	YES	YES	NO	YES	NO
b. meets 20-year forecast needs	YES/NO	YES	YES	YES	NO	NO	YES	NO
6. Average daily handling capacity (tons)								
a. meets current needs	YES/NO	YES	YES	YES	YES	YES	YES	YES
b. meets 20-year forecast needs	YES/NO	YES	YES	YES	YES	YES	YES	YES
7. Space for 3 days' storage								
a. meets current needs	YES/NO	YES	YES	NO	NO	NO	YES	NO
b. meets 20-year forecast needs	YES/NO	YES	YES	NO	NO	NO	YES	NO
8. Space exists for station expansion								
a. inside the property line	YES/NO	YES	YES	YES	YES	YES	YES	YES
b. on available adjacent lands through expansion	YES/NO	YES	YES	NO	YES	NO	YES	NO
9. Minimum roof clearance of 25 feet	YES/NO	YES	YES	YES	NO 3	YES*	YES	YES*3

* HTS new roof funding approved.

		New South County	New Bow Lake	Renton SH-Only	Factoria SH-Only	Houghton SH-Only	MEGA New NE Lake WA	Combined Effect
10. Meets facility safety goals	YES/NO	YES	YES	NO*	NO*	NO*	YES	NO*
<i>* The presence of these physical challenges doesn't mean that the stations operate in an unsafe manner.</i>								
11. Ability to compact waste	YES/NO	YES	YES	NO	NO	NO	YES	NO
12. a. Meets goals for structural integrity	YES/NO	YES	YES	YES	YES	YES	YES	YES
b. Meets FEMA immediate occupancy standards	YES/NO	YES	YES	YES	NO	YES	YES	NO
13. Meets applicable local noise ordinance levels	YES/NO	YES	YES	YES	YES	YES	YES	YES
14. Meets PSCAA standards for odors	YES/NO	YES	YES	YES	YES	YES*	YES	YES*
<i>* New odor control system installed</i>								
15. Meets goals for traffic on local streets								
a. Meets LOS standard	YES/NO	YES	YES	YES	YES	YES	YES	YES
b. Traffic does not extend onto local streets 95% of time	YES/NO	YES	YES	YES	NO*	YES	YES	NO*
<i>*Meets criteria 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 and nearest residence	YES/NO	YES	YES	YES	YES*	NO	YES	NO

**Meets 100 ft from residence criterion, but business within 100 ft.*

1) If business self haulers are eligible to use facility - have automated vehicles.

2) This is a policy decision - recycling services at transfer stations are a comp plan issue

3) For most self-haul customers, roof clearance is not an issue

Table G-9: Results of Applying Level of Service Criteria to Package 4 Future Stations

		Algona SH-Only	New South County Comm Only	New Bow Lake Comm Only	Renton SH-Only	Factoria / Eastgate	Houghton SH-Only	New NE Lake WA Comm Only	Comb. Effect
1. Estimated time to a transfer facility within the service area for 90% of users	< 30 min=yes	YES	YES	YES	YES	YES	YES	YES	YES
2. Time on site meets standard for 90% of total trips									
a. commercial vehicles	< 16 min=yes	N/A	YES	YES	N/A	YES	N/A	YES	YES
b. business self haulers	< 30 min=yes	N/A	YES 1	YES 1	N/A	YES	N/A	YES 1	YES 1
c. residential self haulers	< 30 min=yes	YES	N/A	N/A	YES	YES	YES	N/A	YES
3. Facility hours meet user demand	YES/NO	YES	YES	YES	YES	YES	YES	YES	YES
4. Recycling services...meet policies in SW Comp Plan									
a. business self-haulers	YES/NO	N/A	YES 2	YES 2	N/A	YES	N/A	YES 2	YES 2
b. residential self-haulers	YES/NO	NO	N/A	N/A	NO	YES	NO	N/A	NO
5. Vehicle capacity									
a. meets current needs	YES/NO	NO	YES	YES	YES	YES	NO	YES	NO
b. meets 20-year forecast needs	YES/NO	NO	YES	YES	YES	YES	NO	YES	NO
6. Average daily handling capacity (tons)									
a. meets current needs	YES/NO	YES	YES	YES	YES	YES	YES	YES	YES
b. meets 20-year forecast needs	YES/NO	YES	YES	YES	YES	YES	YES	YES	YES
7. Space for 3 days' storage									
a. meets current needs	YES/NO	NO	YES	YES	NO	YES	NO	YES	NO
b. meets 20-year forecast needs	YES/NO	NO	YES	YES	NO	YES	NO	YES	NO
8. Space exists for station expansion									
a. inside the property line	YES/NO	NO	YES	YES	YES	YES	YES	YES	NO
b. on available adjacent lands through expansion	YES/NO	YES	YES	YES	NO	YES	NO	YES	NO
9. Minimum roof clearance of 25 feet	YES/NO	YES	YES	YES	YES	YES	YES*	YES	YES*
* HTS new roof funding approved.									
10. Meets facility safety goals	YES/NO	NO*	YES	YES	NO*	YES	NO*	YES	NO*

* The presence of these physical challenges doesn't mean that the stations operate in an unsafe manner.

		Algona SH- Only	New South County Comm Only	New Bow Lake Comm Only	Renton SH- Only	Factoria / Eastgate	Houghton SH-Only	New NE Lake WA Comm Only	Comb. Effect
11. Ability to compact waste	YES/NO	NO	YES	YES	NO	YES	NO	YES	NO
12. a. Meets goals for structural integrity	YES/NO	YES	YES	YES	YES	YES	YES	YES	YES
b. Meets FEMA immediate occupancy standards	YES/NO	YES	YES	YES	YES	YES	YES	YES	YES
13. Meets applicable local noise ordinance levels	YES/NO	YES	YES	YES	YES	YES	YES	YES	YES
14. Meets PSCAA standards for odors	YES/NO	YES	YES	YES	YES	YES	YES*	YES	YES*
<i>* New odor control system installed</i>									
15. Meets goals for traffic on local streets									
a. Meets LOS standard	YES/NO	YES	YES	YES	YES	YES	YES	YES	YES
b. Traffic does not extend onto local streets 95% of time	YES/NO	NO*	YES	YES	YES	YES	YES	YES	NO
<i>*Meets criteria 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 and nearest residence	YES/NO	YES	YES	YES	YES	YES	NO	YES	NO

**Meets 100 ft from residence criteria, but existing business within 100 ft.*

- 1) *If business self haulers are eligible to use facility - have automated vehicles.*
- 2) *This is a policy decision - recycling services at transfer stations are a comp plan issue*
- 3) *For most self-haul customers, roof clearance is not an issue*