Transportation Analysis for Lenz Compost Facility Expansion – 2020

PSCAA questions in BLACK

Lenz response in RED

1. Under the future 150,000 ton/year operating scenario, please provide the same information as requested in Item #1 above.

NOTES ON DATA:

Table 1 provides the data requested.

Finished compost is sold by the cubic yard, not by weight. Therefore all data relating to material delivered offsite is in cubic yards.

Fished compost may be transported offsite by a variety of vehicle types. Therefore we segregated vehicle information into Class 8 vehicles and those less than Class 5 vehicles. The Class 8 vehicles are owned by Lenz and deliver to a variety of locations within approximately 50 miles of the site. It is typically not economical to deliver this product at greater distances. Delivery routes are numerous and change depending upon who is purchasing our materials. Future delivery routes will fit within the current business model assuming consistent market conditions.

Class 5 vehicles and smaller are not owned by Lenz and therefore we have no information on the exact route or final destination of these vehicles. However, the majority of these customers are in Northern Snohomish County and Southern Skagit County. Based on our business model we predict the majority of the increased compost sales will leave the site utilizing Class 8 trucks and smaller loads for the existing volume of compost will decrease as the market continues to mature.

2. You have indicated that Lenz will not be accepting waste from smaller packer trucks (1-5 tons) and will be accepting waste only from larger trucks (28-30 tons). Outside the facility, how will the route of these larger trucks compare to the previous route of the smaller trucks (i.e., what routes will the larger trucks travel to get to and from your facility, compared to the smaller trucks)?

We indicated that smaller packer truck deliveries to the site would be mitigated not eliminated. Smaller packer trucks that have been delivering material from King and southern Snohomish County will be eliminated (this accounts for 95% of these smaller trucks that deliver feedstocks to the site). There will still be a small number of local packer trucks from northern Snohomish County and southern Skagit County delivering to the site; however these will be few in number.

3. Where will the displaced small trucks be traveling to and from (outside the facility) under the future 150,000 ton per year operating scenario? Where will the smaller trucks be taking their waste to?

As mentioned previously, the small packer trucks are not owned by Lenz so we do not have this information.

Compost Facility Vehicular Trip			
Total Compost feedstock deliverd to the site	75000	150000	tons
Total truck trips **to** the facility (annually)	5415	5357	#
Highest Day (Peak Season)	37	37	#
Average Week (Peak Season)	61	61	#
Average month (Peak Season)	275	275	#
Highest Day (Slow Season)	34	34	#
Average Week (Slow Season)	43	43	#
Average month (Slow Season)	201	201	#
Time of day of the truck trips	6am - 6pm	6am - 6pm	
Truck routes	See notes	See notes	
Size and Classification of trucks	Class 8	Class 8	
Gross weight (lbs)	33,001+	33,001+	lbs
Maximum Capacity (tons)	30	30	tons
Average Load Size (tons)	26	28	tons
Size and Classification of trucks	Class 5	Class 5	
Gross weight lbs)	16,000 - 19,500	16,000 - 19,500	lbs
Maximum Capacity (tons)	10	10	tons
Average Load Size (tons)	4.75	4.75	tons

Total material transported offsite	66052	132104	CY
Total truck trips **from** the facility (annually)	1768	1761	#
Highest Day (Peak Season)	40	40	#
Average Week (Peak Season)	172	172	#
Average month (Peak Season)	686	686	#
Highest Day (Slow Season)	8	8	#
Average Week (Slow Season)	18	18	#
Average month (Slow Season)	73	73	#
Time of day of the truck trips	7am - 6pm	7am - 6pm	
Truck routes	See notes	See notes	
Size and Classification of trucks	Class 8	Class 8	
Gross weight (lbs)	33,001	33,001	lbs
Maximum Capacity (CY)	80	80	CY
Average Load Size (CY)	65	75	CY
Size and Classification of trucks	Class 5 and under	Class 5 and under	
Gross weight (lbs)	Less than 19,500	Less than 19,500	
Maximum Capacity (CY)	10	10	CY
Average Load Size (CY)	3.50	3.50	CY