

Pile	Starting Volume (cu/yds)	Pile length (ft)	Pile width (ft)	Area of pile (sq/ft)*	Area of ASP infrastructure (sq/ft)	Tractor access area for pile turning (sq/ft)	Total area (sq/ft)	Area per cu/yd (sq/ft)	% of Area relative to Turned Windrow	Estimated infrastructure cost of composting pad footprint (Dollars)	% of Infrastructure Cost relative to Turned Windrow
ASP1	66	35	14	490	288	N/A	778	11.8	0.34	583.5	0.28
TW1	80	46	14	644	N/A	2160	2804	35.1	1	2103	1
ASP2	64	36	16	576	288	N/A	864	13.5	0.31	648	0.32
TW2	63	40	14	560	N/A	2160	2720	43.2	1	2040	1
Notes:											
Area per cubic yard will be affected by height of piles/ volume of pile											
ASP Fan shed measures 12'W x 10'L ; ducting to manifold measures 12'W x 14'L											
Tractor access area assumes 20'W on all sides of pile											
Both piles will also require space for travel to and from the blending area, and the curing area. This value is assumed to be the same for both piles, so is not included in the analysis.											
Cost of installing Staymat composting pad estimated at \$0.75 per Sq/ft											