

Pile name	Volume (cu/yds)	Start date	PFRP date	End date	Hours monitoring	Hours Turning	Hours Building or Moving pile	Hours other (troubleshooting loggers)	Total human labor hours	Total Tractor hours	Person Labor hours/yd	Tractor Labor hours/yd			
ASP1	66	5/1	5/20*	6/17	0	0	8	1	8	8	0.12	0.12			
TW1	80	5/15	N/A	6/17	1	2.5	8.5	1	12	11	0.15	0.14			
ASP2	64	6/28	7/3	9/8	1.25	0	10.5	2	11.75	10.5	0.18	0.16			
TW2	63	7/17	N/A	9/8	1.25	0.5	7	2	8.75	7.5	0.14	0.12			
Notes:															
Neither TW pile met PFRP temps- TW1 temps dropped below 131F between turnings; TW2 was only turned once															
ASP piles have different PFRP standards, easier to meet because shorter window of time and no turning required. Also seemed to show higher consistent temps.															
One reason why TW hours are not substantially higher than ASP hours is that EP did not turn the piles frequently. In the case of TW1 the pile was turned 3 times, but failed to maintain temps between turnings.															
In the case of TW2, the pile was only turned once															
Hours spent troubleshooting loggers was noted but not included in the final labor hours/pile equation, since that is assumed to not be a consistent factor in composting operations															