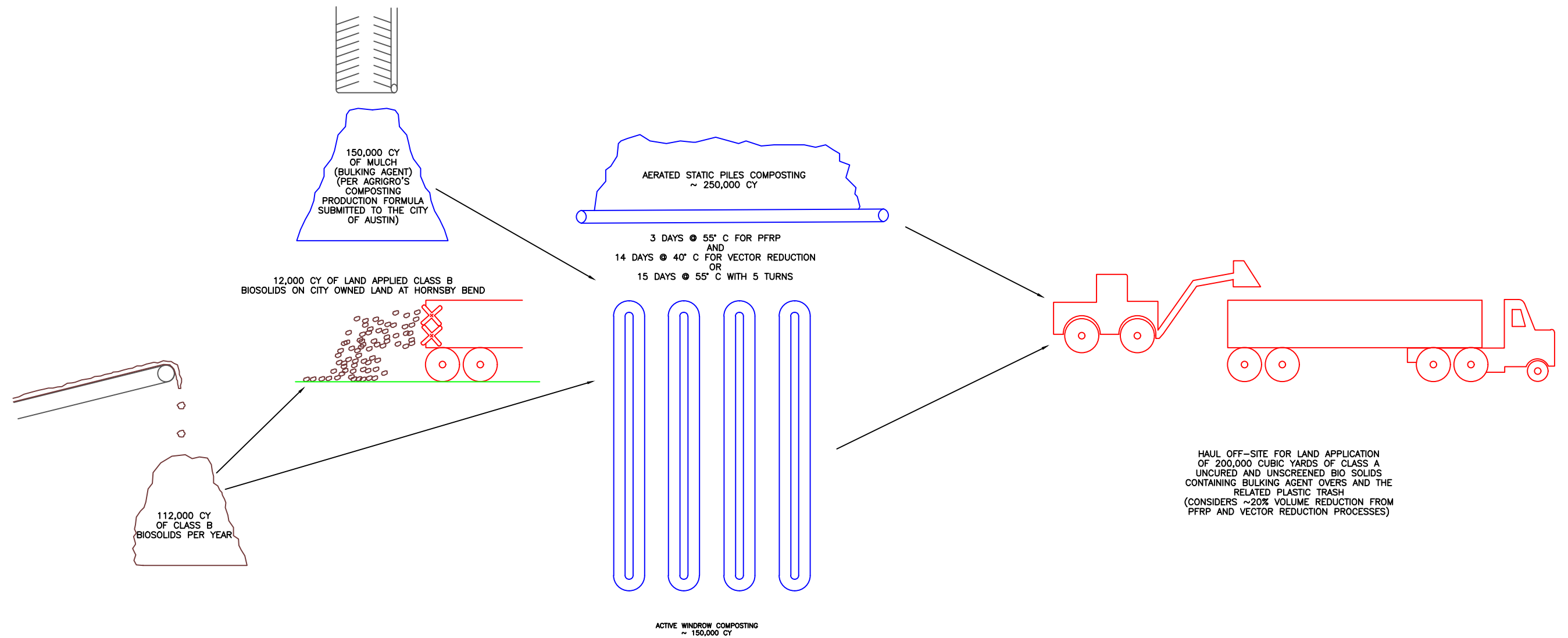


# HORNSBY BEND COMPOST PROCESS AGRICULTURAL COMPOSTING PRODUCING "ALL GROW"





**Fully & properly compost 50% of Biosolids into Dillo Dirt  
Direct land application of 50% of Class B Biosolids offsite**

<u>Process</u>	<u>Volume of Biosolids</u>	<u>Current Yard waste Available for Dillo Dirt</u>	<u>Additional Bulking Agent Required for Dillo Dirt</u>	<u>Cured &amp; Screened Dillo Dirt Produced</u>	<u># Inbound Trucks Bulking Agent</u>	<u># Outbound Trucks Dillo Dirt</u>	<u># Outbound Trucks Class B Land Apply</u>	<u>Inbound + Outbound Total Trucks (approx)</u>
Dillo Dirt	50,000 cy <sup>1</sup> 42,125 tons	50,000 cy	100,000 cy <sup>2</sup>	50,000 cy	625 - 1,250	1,111		3,659 - 4,284
Land Apply	50,000 cy		n/a	n/a	n/a	n/a	1,923	
Offsite	42,125 tons		n/a	n/a	n/a	n/a		

**There is a SHORTAGE OF 50,000 CUBIC YARDS of bulking agent if current yard waste volumes ARE USED for composting 50% of the biosolids into Dillo Dirt  
There is a SHORTAGE OF 100,000 CUBIC YARDS of bulking agent if current yard waste volumes ARE NOT USED for composting 50% of the biosolids into Dillo Dirt**

1. Scenario considers direct land application of 12,000 cy of Class B Biosolids onsite at Hornsby Bend (an RFP requirement)

2. Scenario considers utilization of 50,000 cy of "Overs" in the composting process, therefore reducing the overall amount of required inbound Bulking Agent to 100,000 cy

**Fully & properly compost 25% of Biosolids into Dillo Dirt  
Direct land application of 75% of Class B Biosolids offsite**

<u>Process</u>	<u>Volume of Biosolids</u>	<u>Current Yard waste Available for Dillo Dirt</u>	<u>Additional Bulking Agent Required for Dillo Dirt</u>	<u>Cured &amp; Screened Dillo Dirt Produced</u>	<u># Inbound Trucks Bulking Agent</u>	<u># Outbound Trucks Dillo Dirt</u>	<u># Outbound Trucks Class B Land Apply</u>	<u>Inbound + Outbound Total Trucks (approx)</u>
Dillo Dirt	25,000 cy <sup>1</sup> 21,063 tons	50,000 cy	50,000 cy <sup>2</sup>	25,000 cy	313	556		3,754
Land Apply	75,000 cy		n/a	n/a	n/a	n/a	2,885	
Offsite	63,188 tons		n/a	n/a	n/a	n/a		

**There is a SHORTAGE OF 50,000 CUBIC YARDS of bulking agent if current yard waste volumes ARE NOT USED for composting 25% of the biosolids into Dillo Dirt**

1. Scenario considers land application of 12,000 cy onsite at Hornsby Bend (an RFP requirement)

2. Scenario considers utilization of 25,000 cy of "Overs" in the composting process, therefore reducing the overall amount of required inbound Bulking Agent to 50,000 cy

**Quick composting of 100% of Biosolids and Bulking Agent without curing or screening into "Agricultural Compost" and marketed as "All Grow" (per Synagro)**

<u>Process</u>	<u>Volume of Biosolids</u>	<u>Current Yardwaste Available for Dillo Dirt</u>	<u>Additional Bulking Agent Required for Ag Compost</u>	<u>Uncured &amp; Unscreened Ag. Compost Produced</u>	<u># Inbound Trucks Bulking Agent</u>	<u># Outbound Trucks Class A Land Apply</u>	<u># Outbound Trucks Class B Land Apply</u>	<u>Inbound + Outbound Total Trucks (approx)</u>
Ag Compost	100,000 cy <sup>1</sup> 84,250 tons	50,000 cy	150,000 cy	85,225 tons	1,875	2,841		4,716

**There is a SHORTAGE OF 100,000 CUBIC YARDS of bulking agent if current yard waste volumes ARE USED for composting 100% of the biosolids in Agricultural Compost  
There is a SHORTAGE OF 150,000 CUBIC YARDS of bulking agent if current yard waste volumes ARE NOT USED for composting 100% of the biosolids into Agricultural Compost**

1. Scenario considers land application of 12,000 cy onsite at Hornsby Bend (an RFP requirement). Scenario also considers a 30% reduction of biosolids volume from moisture reduction and partial composting process.