

**FULL SCALE LANE PLANT \$133MM REV**

Compost Facility Footprint	1000000	ft <sup>2</sup>
Lane Width	15	ft
Lane Length	400	ft
Number of lanes	167	
Annual Production	66,300,000	ft <sup>3</sup>
Annualized Rate	7568	ft <sup>3</sup> / hr
Moisture @ growth	60%	
Final dry density	12	lbs / ft <sup>3</sup>

<b>RAW MATERIALS</b>	Usage (lbs/h)	Price (\$/lbs)	Cost \$/ft <sup>3</sup>
Dry Wood	88160	\$ 0.05	\$ 0.6204
Water	67883	\$ 0.00	\$ 0.0048
Nutrient	8816	\$ 0.04	\$ 0.0519
Wet spawn	562	\$ 0.51	\$ 0.0380
<b>TOTAL</b>			<b>\$ 0.7150</b>

\*spawn % 0.6%

<b>LABOR</b>	Operators	Labor Price	\$/ft <sup>3</sup>
Plant Operators	46	\$18	\$0.0260
<b>TOTAL</b>			<b>\$0.0260</b>

<b>UTILITY</b>	kWh / h	Price	\$/ft <sup>3</sup>
Pretreatment Steam*	4868	\$ 0.02	\$ 0.0145
Electricity (Primary Aeration)	31300	\$ 0.05	\$ 0.2150
Drying Steam*	59731	\$ 0.02	\$ 0.1776
<b>TOTAL</b>			<b>\$ 0.4071</b>

<b>CAP EX.</b>			\$/ft <sup>3</sup> over 5 yr
Pretreatment Equipment	\$ 3,604,900		\$ 0.0109
Installation, controls, handling	\$ 5,120,020		\$ 0.0154
Compost lane infrastructure	\$ 23,935,120		\$ 0.0722
Installation, controls, handling	\$ 17,553,680		\$ 0.0530
<b>TOTAL</b>			<b>\$ 0.1515</b>

*Total Capital*                    \$    50,213,720

**OPERATIONS SUMMARY**

Cost per ft <sup>3</sup>	\$ 1.30	\$/ft <sup>3</sup>
Panel thickness	3	inches
Square feet per year	265200000	ft <sup>2</sup>
Cost per ft <sup>2</sup>	\$ 0.32	\$/ft <sup>2</sup>
Yearly cost	\$ 86,161,575	\$/yr
Sale Price	\$ 2.00	\$/ft <sup>3</sup>
Yearly Revenue	\$ 132,600,000	\$/yr
Margin	35%	