Capacity: 96 Cubic Yards Raw Compost/Batch
(sized based on permitted capacity of 16 Tons/Week
Food scraps and 5000 Yards/Year Total Organics)

Roof Access Hatch

Mobile Blower & Controls Unit

Above Ground Aeration Manifold

96 Cubic Yards Raw Compost
+ Compost Capping Material

DRAFT FOR REVIEW: CONFIGURATION MAY CHANGE

10/14/2015
DRAFT FOR REVIEW: CONFIGURATION MAY CHANGE

11/12/2015
FINAL DESIGN FOR BUILD

Kingdom View Compost
Lyndonville, VT

Technical Lead
James McSweeney

Compost Technical Services, LLC.
Cambridge, MA • Worcester, VT
(802) 224-6888
www.composttechnicalservices.com
Mobile Above Ground Aeration Manifold

Kingdom View Compost
Lyndonville, VT

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REMARKS
10/14/2015 HDPE pipes can be removed using tractor & pipe "towing head"
11/12/2015 FINAL DESIGN FOR BUILD

6" SDR-35 PVC
6">4" Fernco Reducer
4" HDPE
2" PVC 'Balancing Leg'
(for maximizing even pressure distribution)

4">2" Fernco Reducer
Mobile Blower & Controls
Unit On Skids

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Technical Lead
James McSweeney

Variable Speed Drive
Cycling Timer (ART-DNE or similar)

Air Intake (10" Galvi Duct)
Snorkel for Snow & Rain Protection

Kill-a-Watt EZ Meter

Magnehelic Static Pressure Gage (0-10" WC)

10" Fernco
10" Backdraft Damper
10" Galvi Duct

Air Outlet (6" Flexible Pipe)

Pallet Skid

10" Fernco

10" Fantech In-Line Exhaust Fan - FR-250

REVISIONS

<table>
<thead>
<tr>
<th>MM/DD/YY</th>
<th>REMARKS</th>
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<tr>
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## ASP Materials Budget Estimate

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<tr>
<th>System Component</th>
<th>Material</th>
<th># of Units</th>
<th>Unit Type</th>
<th>$ Cost/Unit</th>
<th>Totals</th>
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Subtotal $917.00

15% Contingency $137.55

Total $1,054.55

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**Compost Technical Services**

Kingdom View Compost
Lyndonville, VT

**Technical Lead**

James McSweeney