### 8-Hour Metals Recovery Test

**Covanta DYE**

<table>
<thead>
<tr>
<th>Date</th>
<th>Sample #</th>
<th>Time</th>
<th>Ash Moisture Visual Observation</th>
<th>Rejects Sample Weight (Y)</th>
<th>Unrecovered Ferrous (X)</th>
<th>Pure Ferrous (X’A)</th>
<th>Clinker Ferrous (X”A)</th>
<th>Selective Reduction Ferrous (X’B)</th>
<th>Clinker Reject (X’B)</th>
<th>Non Ferrous Test Weight</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct 7</td>
<td>1</td>
<td>9:15</td>
<td>Dry</td>
<td>151 lbs</td>
<td>7 lbs</td>
<td>5 lbs</td>
<td>2 lbs</td>
<td>1.6</td>
<td>0.4</td>
<td>51 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>10:00</td>
<td>moist</td>
<td>2.18 lbs</td>
<td>9 lbs</td>
<td>5 lbs</td>
<td>4 lbs</td>
<td>1.2</td>
<td>2.8</td>
<td>49 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10:30</td>
<td>moist</td>
<td>245 lbs</td>
<td>9 lbs</td>
<td>2</td>
<td>7</td>
<td>2.6</td>
<td>4.4</td>
<td>47 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11:00</td>
<td>moist</td>
<td>180 lbs</td>
<td>7 lbs</td>
<td>3</td>
<td>4</td>
<td>1.3</td>
<td>2.7</td>
<td>51 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>11:30</td>
<td>moist</td>
<td>386 lbs</td>
<td>23 lbs</td>
<td>4</td>
<td>19</td>
<td>4.8</td>
<td>14.2</td>
<td>46 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>12:00</td>
<td>moist</td>
<td>182 lbs</td>
<td>9 lbs</td>
<td>2</td>
<td>1</td>
<td>1.1</td>
<td>5.9</td>
<td>46 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>12:30</td>
<td>moist</td>
<td>138 lbs</td>
<td>2 lbs</td>
<td>1 lbs</td>
<td>5</td>
<td>1.5</td>
<td>3.5</td>
<td>53 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>1:00</td>
<td>moist</td>
<td>265 lbs</td>
<td>8 lbs</td>
<td>4 lbs</td>
<td>4</td>
<td>1.6</td>
<td>2.4</td>
<td>51 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>1:30</td>
<td>moist</td>
<td>782 lbs</td>
<td>17 lbs</td>
<td>3 lbs</td>
<td>9 lbs</td>
<td>1.2</td>
<td>7.8</td>
<td>55 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>2:00</td>
<td>moist</td>
<td>746 lbs</td>
<td>8 lbs</td>
<td>4 lbs</td>
<td>4 lbs</td>
<td>0.9</td>
<td>3.1</td>
<td>48 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>11</td>
<td>2:30</td>
<td>moist</td>
<td>242 lbs</td>
<td>19 lbs</td>
<td>6 lbs</td>
<td>6 lbs</td>
<td>0.9</td>
<td>5.9</td>
<td>56 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>5:00</td>
<td>moist</td>
<td>121 lbs</td>
<td>4 lbs</td>
<td>2 lbs</td>
<td>2 lbs</td>
<td>0.7</td>
<td>1.3</td>
<td>51 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>3:30</td>
<td>moist</td>
<td>166 lbs</td>
<td>4 lbs</td>
<td>1 lbs</td>
<td>3 lbs</td>
<td>0.3</td>
<td>2.7</td>
<td>51 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>4:00</td>
<td>moist</td>
<td>152 lbs</td>
<td>7 lbs</td>
<td>2 lbs</td>
<td>5 lbs</td>
<td>0.7</td>
<td>4.3</td>
<td>51 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>4:30</td>
<td>moist</td>
<td>300 lbs</td>
<td>18 lbs</td>
<td>1 lbs</td>
<td>17 lbs</td>
<td>5.9</td>
<td>13.1</td>
<td>52 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>5:00</td>
<td>moist</td>
<td>195 lbs</td>
<td>7 lbs</td>
<td>3 lbs</td>
<td>4 lbs</td>
<td>0.7</td>
<td>3.3</td>
<td>50 lbs</td>
<td></td>
</tr>
</tbody>
</table>

**Total Non Ferrous Test Weight:**

**Total Un-Recovered Non Ferrous Metal Weight:**
10/7/2015 Non-Fe 5.620 - 0.375 = 5.245 LBS.
## Ferrous & Non-Ferrous Test

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Oct 7, 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grizzly ECS Reject</strong></td>
<td></td>
</tr>
<tr>
<td>Ferrous</td>
<td>32.750</td>
</tr>
<tr>
<td>Non-Ferrous</td>
<td>254.10</td>
</tr>
<tr>
<td>Bottom Ash</td>
<td>2901.0</td>
</tr>
</tbody>
</table>

**Loader** 24840

**Ferrous Tare** 29180