

## Lost Hills Composting PERIOD 1 PERIOD 2 PERIOD 3 PERIOD RUN TIME (MIN) RUN TIME (MIN) RUN TIME (MIN) RUN TIME (M 10 2 10 HOLD TIME IMIN HOLD TIME (MIN HOLD TIME (MIN) HOLD TIME (M 2 2 2 CYCLES CYCLES CYCLES 3 4 5 TOTAL TIME TOTAL TIME TOTAL TIME TOTAL TIME H 0 0 0 8 16 8 1 0 8 36

TOTAL BATCH

## **AERATION MANAGEMENT SYSTEM**

## MOR offers an Aeration Management System (AMS)

to control the Aerated Static Pile (ASP) composting technology. It assists compost facility owners/operators in managing their aeration system to optimize control of aerators (blowers) either through timer settings (set-points for on/off) or based on temperatures in the pile as recorded by radio-frequency temperature probes. The AMS is completely flexible with userfriendly human-machine interface (HMI) technology that not only allows operators the opportunity to choose operating parameters for each pile, but also to modify them as conditions dictate.

## **TECH SPECS**

The AMS/HMI offers several screens that provide for operator input and control. Key operating interface screens include:

- Pile management screen (date pile set, recipe mix ratio, moisture concentration (initial/final), pile volume initial pile volume at completion of ACP, date pile PFRP temps achieved)
- Blower management screen (blower on/off setting, speed, cfm, Hp)
- Temperature management screen (individual temp probe readings and pile average temperature)
- Environmental site conditions screen (ambient temperatures, wind direction and velocities, hourly precipitation)
- Regulatory compliance screen



The MOR's AM/HMI provides compost facility owners/operators continuous monitoring, more historical composting data logging (every five minutes) and storage (up to 90 days), accurate data for improved process management and control, and resultant lower operator time and costs.

| Lost Hills Composting |        |        |                   |                  |
|-----------------------|--------|--------|-------------------|------------------|
| ICE                   | PERIOD | % DONE | PROBE TIP<br>TEMP | PROBE MI<br>TEMP |
| ED                    | 4      | 145%   | 41                | 41               |
| ED                    | 4      | 4%     | 4.F               | 4.F              |
| ED                    | 4      | 4%     | 4 F               | 4.F              |
| ED                    | 4      | 4%     | 4.F               | 4.F              |
| ED                    | 4      | 4%     | 4.F               | 4.F              |
| ED                    | 4      | 45     | 4 F               | 4.F              |
| ED                    | 4      | 4%     | 41                | 4.F              |
| ED                    | 4      | 45     | 4.F               | 4.F              |
| ED                    | 4      | 4%     | 4.F               | 41               |
| ED                    | 4      | 4%     | 47                | 41               |
| ED                    | 4      | 4%     | 41                | 41               |
| ED                    | 4      | 45     | 45                | 41               |
|                       |        |        |                   |                  |

