



Aeration system embedded in floor, Reotemp wireless temperature probes, Rose aeration control, weather station, MOR compost covers and Scarab windrow turner

Status Batches Reports Settings						
Batch Name	Age	Turned	Probe 1	Probe 2	Blower	
1 Testing pile	4d	4d	61.7 51.6	55.7 49.5	ON (30.0 Hz 1.9 A)	
2	-	-	15.7 14.1	15.5 14.5	Disabled	
3	-	-	8.5 8.6	8.4 8.4	Disabled	
4	-	-	8.3 8.4	8.3 8.6	Disabled	
5	-	-	8.5 8.2	8.2 8.3	Disabled	
6	-	-	8.5 8.5	8.4 8.4	Disabled	

Weather
 Temperature: 3.7 °C
 Humidity: 80 %
 Wind: 7.4 km/h SE
 Pressure: 874 mb
 Tendency: falling slowly
 Rain Today: 6.6 mm



Aerated and Turned Windrow Composting



Phase I – 13 160 ft long aerated windrows
 Central Valley Wastewater Reclamation
 Facility, Salt Lake City, Utah
 In co-operation with Managed
 Organic Recycling, Inc.



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Integrated aerated covered windrow composting process

Aerated floor

A proven aeration floor that provides aeration that optimizes the composting process, drainage that controls leachate in a concrete floor that withstands the largest loaders.



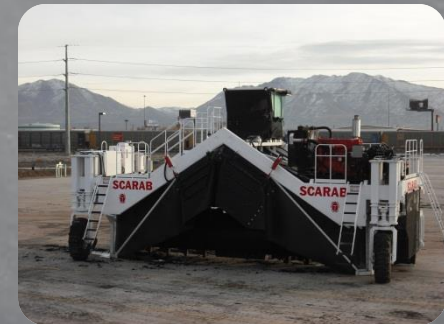
Computer controlled aeration system

Each aerated windrow has one centrifugal blower providing aeration. Aeration is controlled through time and temperature feedback by a Rose composting control system. Operators monitor and control the system through a web-based user interface.



MOR covers

Durable ePTFE membrane covers allow aeration while controlling odor. The cover winding machine allows efficient cover placement.



Reotemp probes

Wireless temperature probes provide accurate temperature monitoring and aeration control. No wires or expensive oxygen monitoring equipment required. An integrated weather station monitors and records important weather information.



Most photographs supplied by Agile Controls

Status							Batches		Reports		Settings						
Batch Name	Age	Turned	Probe 1	Probe 2	Blower	Weather											
1 Testing pile	4d	4d	51.7	55.7	ON	Temperature:	3.7 °C	Humidity:	80 %	Wind:	7.4 km/h SE	Pressure:	874 mb	Tendency:	falling slowly	Rain Today:	6.6 mm
2	-	-	15.7	15.9	Disabled												
3	-	-	8.5	8.4	Disabled												
4	-	-	9.3	9.3	Disabled												
5	-	-	8.2	8.2	Disabled												
6	-	-	8.5	8.4	Disabled												
7	-	-	8.4	10.2	Disabled												
8	-	-	8.2	8.6	Disabled												

Rose compost control's management and reporting software follows each batch through the composting process



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