

Mathews, Barbara

From: Matoska, Maria
Sent: Tuesday, January 04, 2011 10:27 AM
To: Mathews, Barbara
Cc: Leamons, Bryan
Subject: FW: Eco-Vista Compost Facility AFIN: 72-00144 Permit Number: 0013-SCYW-MC
Attachments: Operating Plan Updated 01-04-11.pdf

-----Original Message-----

From: Jeff A. Shepherd [mailto:jasherpherd@sedcousa.net]
Sent: Tuesday, January 04, 2011 10:34 AM
To: Matoska, Maria
Cc: Conrad, David
Subject: RE: Eco-Vista Compost Facility AFIN: 72-00144 Permit Number: 0013-SCYW-MC

See attached revised SOP per your comments.

Jeff A. Shepherd, P.E.
Senior Engineer/President
Shepherd Engineering Design Co., Inc.
4000 North Classen Blvd., Suite 110-S
Oklahoma City, OK 73118
(405) 996-5301 P
(405) 488-0029 F

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From: Matoska, Maria [mailto:MATOSKA@adeq.state.ar.us]
Sent: Tuesday, January 04, 2011 10:06 AM
To: Jeff A. Shepherd
Cc: 'Conrad, David'; Leamons, Bryan; Mathews, Barbara
Subject: Eco-Vista Compost Facility AFIN: 72-00144 Permit Number: 0013-SCYW-MC

Jeff,

I have received and reviewed your response and the updated Operating Plan for the Eco-Vista Composting Facility. After review, there are two items noted that need to be addressed.

1. Item 9 of the Operating Plan contains a run-on sentence that implies all waste materials will not be allowed at the facility. Please revise.
2. Please revise the last box on the flow diagram to state that the compost mixture is placed in the landfill as daily cover subject to approval per the landfill permit.

Thanks,

Maria Matoska
Permit Engineer
Solid Waste Management Division

Rec'd Digitally

AFIN: 72-00144

PMT#: 0013-SCYW-MC

RECEIVED
By Barbara Mathews at 10:57 am, Jan 04, 2011

DOC ID#: 58772

TO: MM> file

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W
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D

(501) 682-0608

Mathews, Barbara

From: Matoska, Maria
Sent: Tuesday, January 04, 2011 12:37 PM
To: Mathews, Barbara
Cc: Leamons, Bryan
Subject: FW: Eco Vista Compost SOP
Attachments: Operating Plan Updated 01-04-11.pdf

-----Original Message-----

From: Jeff A. Shepherd [mailto:jashepherd@sedcousa.net]
Sent: Tuesday, January 04, 2011 11:56 AM
To: Matoska, Maria
Subject: Eco Vista Compost SOP

Maria:

I talked to Kirby and he indicated that large wood debris such as large limbs and trucks, etc. would not be composted. That material would be hauled directly to Class 1 or Class 4. Therefore, I removed any reference to grinding large wood debris, I hope. Please review and call if you have questions.

Jeff A. Shepherd, P.E.

Senior Engineer/President

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**SITE OPERATING PLAN
ECO VISTA COMPOST FACILITY
ECO VISTA CLASS I LANDFILL, LLC
Permit No.: 0013-SCYW-MC**

Updated December 16, 2010

Prepared For:
Mr. Kirby Thompson
Eco Vista Compost Facility
Eco Vista Class I Landfill, LLC
2210 Waste Management Drive
Springdale, AR 72762

Prepared by:
Shepherd Engineering Design Co., Inc.
4000 North Classen Blvd.
Suite 110-S
Oklahoma City, OK 73118
SEDCo Project No.: 10010025



DESIGN COMPANY INCORPORATED

**OPERATING PLAN
For The
ECO VISTA LANDFILL
COMPOST FACILITY (TYPE Y)**

Revised December 2010

This Operating Plan has been prepared to meet the requirements of *Arkansas Regulation 22.803--Location Restrictions and Siting Requirements, 22.805--Operational Requirements, 22.806--Design Requirements and 22.808--Recordkeeping Requirements.*

The Compost Facility at the Eco Vista Class I Landfill Facility is an existing permitted operation (Permit No. 0013-SCYW-MC).

Operational Requirements:

1. The compost facility is designed and operated in a manner that will not restrict the flow of the base flood, reduce the temporary water storage capacity of the floodplain, or result in washout of solid waste (the facility is not located in a floodway or floodplain). The compost facility is not located in a wetland as per the location restriction demonstration in the original approved application, dated December 1996. (Reg.22.803-a-2)
2. The compost facility is located at least 50-feet from the property boundary and at least 200-feet from an existing residence, place of business, or drinking water supply. See the attached Site Map. (Reg.22.803-a-5)
3. The compost facility is not located in an area where the seasonal high ground water is less than 24 inches from the ground surface or where bedrock lies less than 24 inches below the ground surface. (Reg.22.803-b)
4. The composting facility will be conducted in a manner to restrict pollution, public health hazards, nuisances, odors, and the harborage of vectors. (Reg.22.805-a-1)
5. Operation of the compost facility will follow acceptable methods of composting to result in aerobic biochemical degradation of the organic material.
6. The composting operation will be performed by a licensed on-site operator (certified in accordance with Regulation 27) during all hours of operation; access to the compost facility shall be prohibited during non-operating hours. (Reg.22.805-a-3)

7. The anticipated waste quantity will be approximately 500 cubic yards per month. This amount will fluctuate during the course of any year, as season collection of yard waste and green waste increases or decreases. (Reg.22.804-b-8-i)
8. The designated person in control of the compost facility is the Site Manager, who is also responsible for the operation and maintenance of the facility.
9. All waste material designated for the compost facility will be weighed at the scale for the landfill. Only waste materials designated as yard waste or other vegetative materials (such as grass clippings, leaves, shredded or chipped brush, tree prunings) will be allowed for disposal at the compost facility. Non-treated wood debris from home construction and demolition will not be allowed at the compost facility. Also, no municipal solid waste will be allowed.(Reg.22.802-a-1)
10. The compost facility will be monitored for unacceptable materials that may be commingled with the yard waste or non-treated wood debris. All vehicles will be processed through the landfill scale entrance area. The initial screening of waste and wood debris will be performed by the scale house attendant. Any waste items not suitable for composting and wood debris that is treated lumber will be removed and taken to the Class 1 or Class 4 landfill (Eco Vista Class I Landfill Facility) for disposal.(Reg.22.801-c)
11. The access road to the compost facility will be marked. The volume of traffic is not sufficient to warrant a two-lane roadway. There is sufficient unloading area to accommodate more than one vehicle at a time. (Reg.22.804-b-5-ii)
12. The compost facility will be operated to reduce odors. The waste materials will be processed in a timely manner such that foul odors do not occur. The site is also located away from residential areas such that any odors should not be a nuisance. As the compost material is curing, additional turning of the piles may be performed to reduce odors.(Reg.22.805-a-1)
13. The compost facility is located next to an on-site stormwater collection pond. Any surface water run-off from the compost operations will be directed to this pond. All drainage from this pond flows to an NPDES-designated discharge point. In the event of a discharge from the NPDES, samples will be taken and tested in accordance with the facility NPDES permit. (Reg.22.808-a-1)

Operating Plan
Eco Vista Compost Facility
Eco Vista Class I Landfill, LLC

14. The facility will be operated to reduce impacts from vectors, dust and litter. The surrounding area will be kept cleaned and cleared to reduce habitat areas for vectors. The site has access to a water truck to reduce dust. In the event that litter becomes a concern, mobile litter control panels can be directed to catch windblown litter. The use of mobile litter fencing allows for changes in wind direction. (Reg.22.805-a-1)

15. At this time, the finished compost can be used for on-site and off-site purposes. For on-site purposes, finished compost can be used to enhance vegetative growth and limit erosion on slopes. It is anticipated that finished compost can also be made available to off-site users on a limited basis. (Reg.22.809)

Recordkeeping and Reporting:

The compost facility will maintain results of stormwater run-off and/or site discharges as a part of the Eco Vista Class I Landfill Facility. In the event the landfill ceases to operate under an NPDES permit, the compost facility will obtain the necessary NPDES permit(s).

The compost facility will have an operating record which will include the following:

- A copy of the permit;
- Design drawings;
- Operating plan (and any modifications or revisions); and
- Department (ADEQ) correspondence. (Reg.22.808)

Design Requirements:

The following drawings and information are provided concerning the design of the compost facility:

1. Flow diagram of the proposed processing steps.

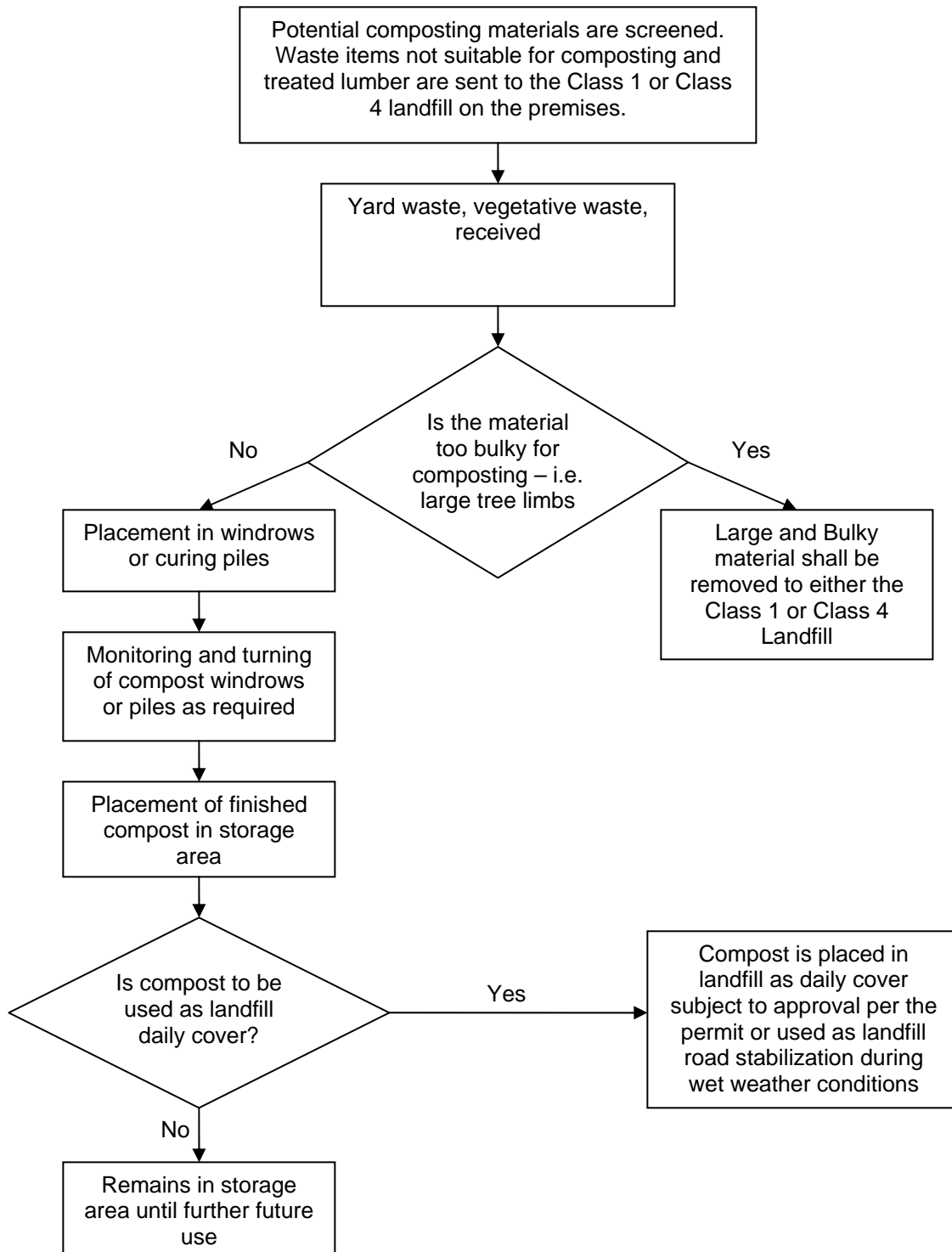
2. The base of the composting area will have a surface constructed with on-site material. This material is sufficient to withstand heavy operating equipment.

3. A site plan indicating the relative location of the compost facility and site contours; a site schematic plan indicating the approximate dimensions of the proposed receiving, processing, production, curing, and storage areas.

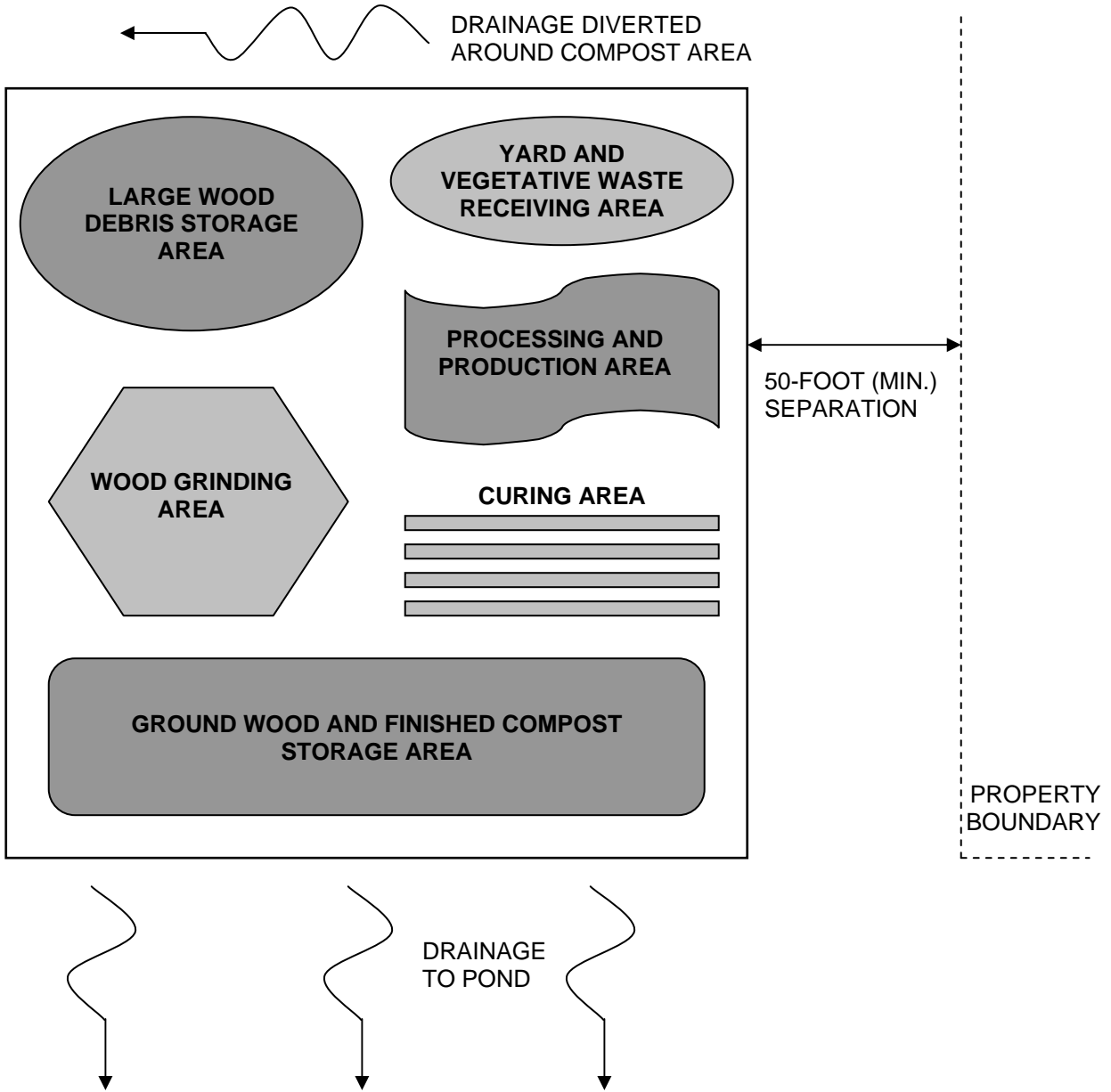
Operating Plan
Eco Vista Compost Facility
Eco Vista Class I Landfill, LLC

4. The site plan indicates associated roads, buildings, fences, gates, equipment, landscaping, utility lines, and drainage facilities. The property boundary of the Eco Vista Class I Landfill facility is fenced.
5. The site plan indicates stormwater runoff controls from the compost area. The compost area is situated on high ground where stormwater run-on should not be a concern.
6. Site access is controlled through the Eco Vista Class I Landfill facility. Vehicles may access the facility through the scale area, which is monitored by a scale-house attendant.
7. The storage area is designed to handle 6-months of finished compost product. In the event that additional area is needed, the Eco Vista Class I Landfill Facility has sufficient land available. (Reg.22.806)

FLOW DIAGRAM OF COMPOST OPERATIONS



SITE SCHEMATIC PLAN



- Notes:
1. Approximate size of compost area is 150' x 300'.
 2. Individual areas within the compost area may change as the volume of material is received.

Diagram Not to Scale