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North Carolina Department of Environment and Natural Resources

Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

March 4, 2010

Jim Bryan, Contact
Abbey Green Inc.
4400 Silas Creek Parkway, Suite 301
Winston-Salem, NC 27104

Re: Abbey Green Recycling Center
Engineering Review
Forsyth County, Location ID P1211, Document ID No. XXXX

Dear Mr. Bryan:

The Division of Waste Management, Solid Waste Section (Section) has completed the engineering review of the submittal (DIN 7788) for the proposed Abbey Green Recycling Center located at 5030 Overdale Drive, Winston-Salem, NC 27107.

It has been determined the Section requires clarification or additional information in order to complete the engineering review. Please revise the Application or provide the location in the application for each of the following items:

1. The area (counties) to be served must be listed. In addition, the facility to be used for waste disposal must also be listed. The service area and/or the disposal facilities must be approved by the Section and any changes are a modification to the permit and may be subject to a permitting fee. The Service Area of the Abbey Green Recycling Center must be included in the Service Area of the disposal facility. The permittee must not knowingly accept for transfer for subsequent disposal C&D waste that is generated within the boundaries of a unit of local government that by ordinance:

- a. Prohibits generators or collectors of C&D waste from disposing of that type or form of C&D waste.
- b. Requires generators or collectors of C&D waste to recycle that type or form of C&D waste.

2. Documentation from the North Carolina Regional Air Quality Agency must be submitted to the Section indicating the grinding operation meets their requirements and is approved.

3. Waste must not be unloaded or stored in standing water. Liquids that have passed through waste must be managed properly. Storage of mulched and processed wood must be in compliance with

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stormwater runoff rules and regulations. The approved NPDES permit must be added to the Site's Operating Plan.

4. Submit Financial Assurance information according to NCGS 130A-295.2. In partial fulfillment of the Financial Assurance requirements, please submit a closure cost estimate equal to the cost to hire a third party to remove and clean up a week's worth of waste from the facility. The cost estimate must include hauling and disposal of the waste at an approved facility and any other measures necessary to secure the solid waste facilities.

5. The Environmental Compliance Review according to NCGS 130A-295.3 must be completed.

6. Construction waste placed on the reclamation pad must be sorted each operating day, and no construction waste shall remain on the reclamation pad after operating hours unless covered by tarp or other appropriate method.

a. Only an amount of waste sufficient to begin sorting operations the next day may be left on the reclamation pad.

b. In the event the sorting process is not operational, then waste may not be deposited on the reclamation pad and must be diverted directly to a landfill.

c. Except for wood, concrete and aggregate, recoverable materials must be placed in containers.

d. Non-recyclable materials must be securely placed in containers or trucks, and removed within 72 hours.

7. As demolition waste is to be sorted and recycled, an asbestos screening plan must be submitted to the Division of Epidemiology of the Department of Health and Human Services for approval and the approved plan forwarded to the Section for inclusion in the operations plan for the facility. Otherwise, asbestos containing material or material suspected to contain asbestos must not be placed on the reclamation pad.

8. Source separated wood pallets and cardboard from non-C&D waste sources may be accepted at the site for recycling, but the materials must not be unloaded onto the tipping floor. Wood pallets must be directly unloaded onto the sorted clean wood pile or into a wood materials container.

9. Fires and non-conforming waste incidents shall be reported to the Section's Regional Waste Management Specialist within twenty-four hours followed by a written notification to be submitted within 15 days. Fire lanes must be maintained and passable at all times. Dimensions of the fire lanes must be coordinated with the Fire Marshall having jurisdiction over the site.

10. The facility must not cause nuisance conditions.

a. The reclamation pad, picking area, and transfer trailer loading area must be maintained in a clean, sanitary condition.

b. Effective vector control measures must be applied at all times to control any potential vectors including flies, rodents, insects, and other vermin.

c. Control measures must be utilized to minimize and eliminate visible dust emissions and blowing litter.

i) Fugitive dust emissions are prohibited.

ii) Windblown materials must be collected by the end of the day and no windblown material may be allowed to leave the facility boundary.

11. All sedimentation/erosion control activities must be conducted in accordance with the Sedimentation Control Act N.C.G.S. 113A-50, et seq., and rules promulgated there under at 15A NCAC 4.

If you have any questions or comments, please contact me at (704) 235-2163, or by email at john.murray@ncdenr.gov.

Sincerely,

John E. Murray, P.E.

Digitally signed by John E. Murray, P.E.
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John Murray, P.E.
Regional Engineer
Solid Waste Section

cc. Ed Mussler, P. E. Permitting Branch Head, DWM
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