



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

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Secretary

May 3, 2013

Mr. Matt Einsmann, P.E.
Environmental Manager
Republic Services of North Carolina, LLC
5111 Chin Page Road
Durham, NC 27703

Subject: Permit Modification Request
Thornton Road Mixed Waste Transfer and Recycling Center
Permit No. 9227-TRANSFER-2012, Wake County, DIN 18892

Dear Matt:

I have reviewed the above referenced permit modification request and have the following questions and comments.

1. Asphalt shingle recycling was approved in a letter issued July 23, 2012, by Donna Wilson. The approved operation plan is Document Id Number 16945. It should be in your operating records. That plan should be incorporated in your operation plan. You may also want to modify the plan to reflect the facility name change, etc. I can provide the guidance and word processing versions of the text and acceptance forms if needed. Please read the plan and note that only source-separated shingles may be accepted for recycle. Shingles may not be pulled from a load of C&D waste.
2. I reviewed the permits of the proposed North Carolina disposal facilities and compared their service areas with that of the transfer station. I found the conflicts listed below. Although the plan states that the sites can only be utilized if the waste is from their approved service areas, how will that be practically be done if there is only one trailer for each type of waste staged in the transfer station. Please confirm that you understand these limitations and address how the operation will compensate. Make changes to your operation plan where applicable.
 - a. Upper Piedmont Regional Landfill, Permit 7304-MSWLF-1997 (Disposal of MSW and C&D) – Condition 30 in Attachment 3 of the permit issued July 17, 2012, states that the “MSW landfill is permitted to receive solid waste generated in the incorporated and unincorporated areas of any county, which is partly or wholly within sixty (60) statute miles of the political boundary of Person County. ‘However, it is expressly provided that the Landfill shall not except waste collected by the Cities of Durham and Raleigh, North Carolina without consent of the Board of County Commissioners of Person County.’ The Landfill shall be consistent with the local government waste management plan and with local government approval except where prohibited by North Carolina General Statutes Article 9 of Chapter 130A, and rules adopted by the Commission for Health Services.” The Cities of Durham and Raleigh are within your service area.

- b. Foothills Regional Landfill, Permit 1403-MSWLF-1998 (Disposal of MSW and C&D) – Condition 4 in Attachment 3 of the permit issued February 20, 2013, lists counties in the landfill service area. None of the counties listed in your transfer station service area are in the landfill service area.
- c. South Wake Landfill, Permit No. 9222-MSWLF-2008 (Disposal of MSW and C&D) – Condition 9 in Attachment 2 of the permit issued July 21, 2010, states the facility is permitted to solid waste generated within Wake County and the municipalities within Wake County. The service area for the transfer station is includes more than Wake County.
- d. Shotwell C&D Landfill, Permit No. 9226-CDLF-2001 (Disposal of C&D) – Condition 11 in Attachment 3 of the permit issued April 1, 2013, states that the facility is permitted to receive C&D waste generated with Wake and Johnston Counties consistent with the franchise approved by Wake County. The service area for the transfer station is more than Wake and Johnston Counties.

If you believe there are errors in the services areas, please let me know.

- 3. The Material Recovery C&D Landfill in Wake County is no longer owned by WCA. It is owned and operated by Wake Reclamation, LLC, a wholly-owned subsidiary of Waste Industries USA, Inc., and is permitted as Material Recovery C&D Landfill, Permit No. 9231-CDLF-2012
- 4. I am not clear on the management of recyclable materials at the transfer station. Will there be a separate trailer for each type of material listed or will materials be mixed for separation at another facility? Or are both scenarios possible. Will all recyclables be off the tipping floor by the end of the day? The majority of the recyclable material must be removed within a year, even if the trailers/containers aren't fully loaded. Please provide more detail.

Please make changes to the operation plan as appropriate and send to me.

If you have any questions regarding this matter, please contact me at (919) 707-8257 or by email at pat.backus@ncdenr.gov.

Sincerely,

Patricia Backus, P.E.
Environmental Engineer
Solid Waste Section

cc: Ed Mussler, P.E., Permitting Branch Head
Dennis Shackelford, Eastern District Supervisor
Shawn McKee, Environmental Senior Specialist