

DURHAM



CITY OF DURHAM

Department of Solid Waste Management

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CITY OF MEDICINE

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May 22, 2009

Edward F. Mussler
Solid Waste Permitting Branch Head
NCDENR - Division of Waste Management
1646 Mail Service Center
Raleigh, NC 27699-1646

Subject: City of Durham transfer station
Facility ID # 32 -12T
Permit modification request

Dear Mr. Mussler:

Enclosed is a request to modify our existing transfer station permit. We would like to begin a recycling transfer operation on July 13, 2009 at the same location. The transfer of recycling would occur after our regular municipal solid waste operations have ceased for the day.

Your prompt attention to this matter would be greatly appreciated. If you need any additional information, please call me at 919-560-4186 ext 253 or on my cell at 919-452-2804. I can also be reached via email at Josephine.Valencia@DurhamNC.gov.

Sincerely,

Josephine Valencia
Disposal Manager

cc: Donald Long, Solid Waste Management Director
Chris Marriott, DENR



Permit Modification

City of Durham

Solid Waste Transfer Station

May 22, 2009

Solid Waste Director, Donald Long

Solid Waste Department

101 City Hall Plaza

Durham, NC 27704

919-560-4186

Facility Permit #: 32-12T
Type of facility: Solid Waste Transfer Station
Location: 2115 E Club Blvd, Durham, NC 27704

1.0 Purpose of Document

We are requesting a modification to the transfer station permit that was originally issued December 9, 1997 and last amended December 18, 2006. All portions of the existing operation plan will continue to be in effect. This document will be an appendix to the existing plan and outlines a recycling operation that will occur at the same location, after daily Municipal Solid Waste (MSW) processing has occurred.

This document also updates the emergency contact personnel for facility operations.

2.0 Recycling Operations at the Transfer Station

Proposed recycling collection

The City currently uses a contractor to collect curbside residential recycling. The City intends to cancel this contract and begin providing this service to the public directly, using City staff. The planned start date for this program is **July 13, 2009**.

City staff will collect curbside residential recycling on a regular Monday through Thursday schedule from approximately 7:00 am to 5:00 pm. Collection schedule adjustments will be made as necessary to account for holidays, peak collections, equipment breakdowns, staffing issues, and other unforeseen circumstances.

At the completion of their daily routes, City trucks full of recycling will go across the scales to be weighed. However, they will not immediately proceed to the tipping floor; instead they will be parked on City property.

Unloading recycling on the tipping floor

Regular solid waste loading into trailers for transport to a landfill will continue as currently outlined in our operational plan. Only after all MSW has been removed from the tipping floor will the City recycling trucks proceed. They will then drive to the tipping floor, back into the bays, and dump their loads onto the tipping floor. Recycling will not be accepted from private customers or during any other times at the tipping floor.

The front gate will continue to be locked at 4:30 pm to limit access to the transfer station. City recycling trucks will either enter the facility before it closes to the public, or if arriving after 4:30 pm, access the transfer station via the rear gate which is controlled by keypad access.

Recycling will be loaded into trailers in the same manner as MSW is loaded into trailers: either through the use of a compaction unit or by being pushed into an open top trailer. No recycling will remain on the tipping floor overnight.

Expected Tonnage

The City recycling contractor currently collects approximately 11,000 tons of recycling each year. As part of the City change, we are switching from 18 gallon bins to 95 gallon recycling carts. We project our overall tonnage will increase about 35%, to about 14,175 tons each year. We expect this will translate into about 55 – 65 tons each day. This is based on 18 - 20 work days each month for recycling.

Because of the lower compaction rates necessary with recycling and the low weight of many recyclable materials in comparison to their volume, we believe that 3-5 trailer loads will be required to transport the recycling.

Contaminated Loads

Loads will come from residential recycling routes. Recycling loads may contain small amounts of household garbage mixed with the recycling. After each recycling load is dumped on the floor, the loader operator will conduct a visual inspection of the load. If the garbage contamination is less than 10%, all materials will be loaded into trailers for transport to a material reclamation facility (MRF). The MRF will be responsible for sorting the garbage from the recycling as part of their normal processing system. Our agreement with the MRF contractor will have guidelines to ensure proper disposal of any contaminants.

If a load is found to contain garbage contamination in excess of 10%, the loader operator will segregate this load from the other clean recycling materials. The contaminated load will be moved to an open top trailer for storage. The next work day, this open top will be loaded with garbage from the regular solid waste operations and transported to a landfill in Virginia for disposal.

The loader operator who identified the contaminated load will make written notice of which truck the load originated from. This information will be shared with City staff the next work day, so the City knows where to concentrate their educational efforts.

End Of Modification

Revised Emergency Contacts On The Next Page

EMRGENCY CONTACT INFORMATION
City of Durham Transfer Station, Facility ID # 32-12T
2115 E Club Blvd. Durham, NC 27704
updated 5/20/2009

Responsible agency: Solid Waste Management Department
Mailing address: 101 City Hall Plaza, Durham, NC 27701
Physical address: 1833 Camden Ave, Durham, NC 27704
Main phone line: 919-560-4186

City Staff - Primary Contacts

Emergency coordinators, listed in the order they should be contacted.

Josephine Valencia, Disposal Manger email: Josephine.Valencia@durhamnc.gov
1833 Camden Ave, Durham, NC, 27704
office: 919-560-4186 ext 253 cell: 919-452-2804 home:919-484-8121

Donald Long, Director email: Donald.Long@durhamnc.gov
1833 Camden Ave, Durham, NC, 27704
office: 919-560-4186 ext 222 cell: 919-201-0258 home:919-957-0234

Robert Williams, Assistant Director email: Robert.Williams@durhamnc.gov
1833 Camden Ave, Durham, NC, 27704
office: 919-560-4186 ext 224 cell: 919-201-3483 home:919-381-4613

Operating Contractor – Primary Contacts

Dan Jarboe, Durham Terminal Manager email: dan.jarboe@mrbults.com
MBI, cell: (708) 243-7270

Rick Prather, Allied Waste email: Rick.Prather@awin.com
5111 Chin Page Rd, Durham NC, 27703
office: 919-433-0901 cell: 919-669-3696