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**March 10, 2009**

Solid Waste Section

Asheville Regional Office

**NORTH CAROLINA**

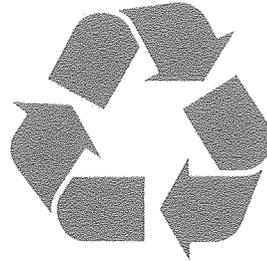
**DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES**

**DIVISION OF WASTE MANAGEMENT**

**OPERATIONAL PLAN SUPPLEMENT**

**FOR**

**THE NORTH MECKLENBURG  
C&D LANDFILL**



**North Mecklenburg Landfill, Inc.  
19109 West Catawba Avenue Suite 200  
Cornelius, North Carolina 28031**

Prepared By:

**BP Barber  
5900 Northwoods Business Parkway., Suite O  
Charlotte, North Carolina 28269**

Project No. 05185 NM

March 2009



**BP Barber**  
Engineering • Experience • Excellence

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To: NCDENR – Larry Frost  
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Division of Waste Management  
\_\_\_\_\_  
2090 US 70 Highway  
\_\_\_\_\_  
Swannanoa, NC 28778  
\_\_\_\_\_

Date: March 9, 2009  
\_\_\_\_\_  
Project Name: North Mecklenburg C&D  
\_\_\_\_\_  
Landfill  
\_\_\_\_\_  
Project No.: 05185NM  
\_\_\_\_\_

**GENTLEMAN/LADIES:**

WE ARE SENDING YOU:     Attached     Under separate cover via \_\_\_\_\_ the following items:  
 Shop Drawings     Prints     Plans     Descriptive Data     \_\_\_\_\_

COPIES	SOURCE	DESCRIPTION	CODE
2		Operational Plan Supplement	

THESE ARE TRANSMITTED as indicated below:

- 1. Approved
- 2. Furnish as corrected, forward three (3) corrected copies
- 3. Rejected
- 4. Revise and Submit
- 5. Submit specific item
- 6. For your information and file

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

cc: \_\_\_\_\_ file By: Scott L. Brown, PE  
\_\_\_\_\_ Regional Manager  
\_\_\_\_\_

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## Operational Plan Supplement

### OVERVIEW

This Operations Plan Supplement was prepared for mobile home deconstruction and recyclable material stockpiling. North Mecklenburg C&D Landfill (NML) plans to recycle as many varieties of materials as possible as end users are available. Initially, scrap metal recycling, gypsum, tear-off shingles, clean concrete, and pallets will be recycled. Once an end-user of another material is located, these other materials may be recycled.

The information contained herein was prepared to provide landfill personnel with a clear understanding of how the facility would be operated. While deviations from the operations outlined here may be acceptable, they should be reviewed and approved by the Design Engineer and the North Mecklenburg C&D Landfill Manager.

### 1.0 CONTACT INFORMATION

All correspondence and questions concerning this Operational Plan Supplement should be directed to the appropriate County and State personnel listed below. For fire or police emergencies dial 911.

#### North Carolina Department of Environment and Natural Resources

North Carolina Department of Environment and Natural Resources  
585 Waughtown Street  
Winston-Salem, NC 27107  
Phone: 336.771.4600  
Fax: 336.771.4631

#### Division of Waste Management (DWM) - Solid Waste Section:

Western Area Supervisor:	Deborah Aja
Western Area Engineer:	Larry Frost
Waste Management Specialist:	Teresa Bradford

#### Division of Land Resources - Land Quality Section:

Regional Engineer:	Matthew Gantt, P.E.
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## **2.0 MOBILE HOME DECONSTRUCTION**

Mobile homes will be deconstructed using the following processes:

### **2.1 Access**

Mobile home owners seeking disposal will contact the Landfill and be placed on a waiting list. No more than TWO (2) mobile homes will be allowed on-site for deconstruction at one time. Once space is available for a mobile home, the scale operator at the landfill will contact the next owner on the waiting list. The owner will have a 48 hour window in which to contact the Landfill with information regarding the delivery date and hauler. If owner can not arrange delivery within this initial 48 hour period, the owner may make alternate arrangements for delivery and must notify the Landfill a minimum of 48 hours prior to planned delivery. The delivered mobile home will not be weighed on the scales at time of delivery, but the owner will be charged based upon the size and dimensions of the mobile home.

If delivery is not made within 48 hours of the scheduled delivery date, the owners name will be placed on the waiting list and the owner will be notified. If an owner has more than one mobile home, they will be rotated with others on the waiting list.

### **2.2 Waste Disposal**

All mobile homes must be free of garbage, household hazardous waste, and all other non-construction and demolition waste prior to acceptance by the landfill.

### **2.3 White Goods**

White goods will be accepted with the mobile home. White goods will be removed using a track-hoe and handled in accordance with all State and Federal regulations. Any white goods containing CFC's will have them managed properly prior to removal of the white goods, and deconstruction of the mobile home.

### **2.4 Asbestos**

Since asbestos may be located in the building materials of mobile homes constructed prior to 1983, all mobile homes built before 1/1/1983 will be thoroughly sprayed with water (both interior and exterior) to minimize dust. Upon demolition of a mobile home constructed prior to 1983, the waste generated will be placed in the C&D landfill and covered with six inches of soil or approved alternate daily cover.

### **2.5 Deconstruction of Mobile Homes**

Once accepted, the mobile home will be placed in the mobile home deconstruction area. Mobile home deconstruction will be dependant upon weather conditions and manpower availability and

will ONLY take place in the deconstruction area. Prior to deconstruction, mobile homes constructed before 1983 will be thoroughly sprayed with water to minimize dust (as noted above). The home will then be deconstructed using a track-hoe. The track-hoe will tear the trailer apart and lay the pieces on the ground to be separated by landfill personnel. The personnel will separate the non-recyclable materials from the recyclable materials. Initially, scrap metal is planned for recycling. As other end-users for other materials are available, other materials may be separated for recycling. All material not planned for recycling will be placed in the C&D landfill before the end of the day in which the deconstruction takes place. Material from mobile homes constructed prior to 1983 will be covered prior to the end of the day. All recyclable materials will be stockpiled. **NO OPEN FLAMES OR CUTTING WITH TORCHES WILL BE ALLOWED WITHIN 100 FEET OF THE C&D LANDFILL.**

## **2.6 Holding Time for Mobile Homes**

All mobile homes must be deconstructed within 45 days from acceptance into the deconstruction area. Upon receipt at the landfill, the date shall be painted on the side or end of the mobile home, or on the frame, for identification purposes for Solid Waste Section personnel.

## **2.7 Holding Time for Recyclables**

Once a recyclable material is removed from a mobile home, it may be stockpiled for up to 90 days. No materials shall be kept for more than 90 days.

## **2.8 Record Keeping Procedures**

NML shall maintain the following records related to the Mobile Home Deconstruction in an operating record at the landfill:

- A. Mobile Home Acceptance records including dates and description;
- B. Owner and hauler information for each mobile home;
- C. Date of deconstruction for each mobile home and materials to be recycled;
- D. Date and disposal information for all recycled materials tons include location and vendor of recipient of recycled materials.
- E. Date and certification of CFC's removed.

The operating record will be kept up to date by the Landfill Manager or his designee. It will be presented upon request to DWM for inspection. A copy of this Operations Supplement will be kept at the landfill and will be available for use at all times.

### **3.0 RECYCLABLE MATERIAL STOCKPILING**

Stockpiling of material will adhere to the following procedures:

#### **3.1 Material Acceptance**

Scrap metal, gypsum, tear-off shingles, clean concrete, and pallets will be recycled. Once an end-user of additional material is located, other materials may be recycled. Once accepted, recyclable material will be placed in the stockpile area. The stockpile will be contained within the smallest area possible using a track-hoe or dozer.

#### **3.2 Holding Time for Recyclables**

Stockpiled material will not exceed 200 cubic yards for any commodity. No materials shall be kept for more than 90 days.

#### **3.3 Record Keeping**

NML shall maintain the following records related to the stockpiled recyclable material in an operating record at the landfill:

- A. Material being stockpiled
- B. Expected buyer of the recyclable material
- C. Date of sale of material
- D. Total weight of material sold per sale

The operating record will be kept up to date by the Landfill Manager or his designee. It will be presented upon request to DWM for inspection. A copy of this Operations Supplement will be kept at the landfill and will be available for use at all times.