



**MECKLENBURG COUNTY**  
Land Use and Environmental Services Agency

March 24, 2015

Ms. Zenia Duhaney  
Charlotte-Mecklenburg Planning Commission  
600 East Fourth Street  
Charlotte, North Carolina 28202

**Re: Rezoning Petition 2015-050**

**Location:** 0.47 acres located on the west side of Derita Avenue between Maple St and Hewitt Drive

Dear Ms. Duhaney:

Representatives of the Air Quality (MCAQ), Groundwater & Wastewater Services (MCGWS), Solid Waste (MCSW), Storm Water Services (MCSWS), and Water Quality (MCWQ) Programs of the Mecklenburg County Land Use and Environmental Services Agency (LUESA) have reviewed the above referenced rezoning petition.

**Programs with No Comment at this Time**

Solid Waste

**Recommendations and/or Ordinance Requirement Reminders**

**Air Quality**

**Purpose of Mecklenburg County Air Quality Review:**

Mecklenburg County Air Quality (MCAQ) has reviewed the City of Charlotte May 2015 rezoning petitions 2015-048 through 2015-056 for the purpose of identifying regulatory requirements of the petitioner, informing the petitioner, planning staff and other affected parties of such regulatory requirements, and identifying potential affects on, and impacts from, nearby properties.

**Scope of Review:**

MCAQ has reviewed the petitions with regard to air quality regulations for stationary sources, transportation facilities, and demolition and/or renovation of structures (i.e. National Emission Standards for Hazardous Air Pollutants for asbestos). Comments may also be made regarding incompatible land uses, sources of Toxic Air Pollutants, proximity to Risk Management Plan facilities, and proximity to known nuisance conditions. MCAQ has conducted the review based on information submitted by the petitioner, a review of aerial photographs (as available through the Mecklenburg County Polaris system), and a review of the "Air Pollution Facility Information Online" database available from the MCAQ website. The review is cursory based on limited information.

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### **Comments**

Development of this site may require submission of an asbestos Notification of Demolition and Renovation to MCAQ due to possible demolition or relocation of an existing structure. A letter of notification and the required forms have been mailed directly to the petitioner by MCAQ.

### **Groundwater & Wastewater Services**

Records indicate a private water supply well is located within the bounds of the subject petition. An on-site wastewater treatment (septic) system may also exist on the property.

Groundwater & Wastewater Services recommends that the petitioner identify any water supply wells within the project boundary and either protected the wells from damage by flagging and fencing during site development or permanently abandon the wells per the Mecklenburg County Groundwater Well Regulations prior to any demolition or grading activity occurring and conduct survey to locate any septic systems. A permit from GWS is required for the well abandonment.

No regulation governs the abandonment of septic systems; however, GWS does recommend that septic tanks be pumped to removal any residual contents then subsequently crushed and backfilled. This recommendation is made because tanks that collapse pose a safety hazard and improperly abandoned septic tanks may not be able to support the weight of vehicular traffic, structural foundations, or people.

Groundwater & Wastewater Services request the following statements be added to the site plan notes:

The properties shall be inspected for water supply wells. Any water supply wells identified shall be protected from damage by flagging and fencing during site development or permanently abandoned per the Mecklenburg County Groundwater Well Regulations prior to any demolition or grading activity occurring.

The properties shall be inspected for septic systems prior to any site development. Any septic tanks identified shall be pumped by a licensed waste hauler to removal residual contents, crushed and backfilled with suitable materials before site development begins.

### **Water Quality**

#### **Impaired Streams:**

The property represented in this rezoning request drains to surface waters listed on North Carolina's Department of Natural Resources 303(d) list of impaired streams. **Irwin Creek** is listed for copper, lead, and zinc due to pollution discharges. By properly controlling pollutants both during and after construction, you can help restore these surface waters. More information on North Carolina's impaired waters and 303(d) list can be found at <http://portal.ncdenr.org/web/wq/ps/mtu/assessment>.

No further comments on the above petition at this time.

Please contact the staff members who conducted the reviews if you have any questions. The reviews were conducted by, Megan Green (Megan.Green@mecklenburgcountync.gov) with MCAQ, Dennis Tyndall

Page 3

(Dennis.Tyndall@mecklenburgcountync.gov) with GWS, Joe Hack  
(Joe.Hack@mecklenburgcountync.gov) with MCSW, and Rusty Rozzelle  
(Rusty.Rozzelle@mecklenburgcountync.gov) with MCWQ.

Respectfully,

Jeanne Quinn, Administrative Support Supervisor  
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