



MECKLENBURG COUNTY
Land Use & Environmental Services Agency

MEMORANDUM

To: Charlotte-Mecklenburg Planning Commission
From: Dylan Kirk, Environmental Specialist 3
Date: Thursday, August 26, 2021
Subject: Initial Rezoning Petition Comments

Charlotte-Mecklenburg Planning Commission
600 East Fourth Street Charlotte, North Carolina 28202

Mecklenburg County has reviewed the City of Charlotte rezoning petition below to identify regulatory requirements of the petitioner; inform the petitioner, planning staff, and other affected parties of such regulatory requirements; and identify potential effects on, and impacts from, nearby properties.

<u>Petitioner Information:</u> Jitendra K Patel / APM Mallard Creek LLC 2617 Ascot Drive Florence, SC 29501 912-687-5547 jpatel1082@gmail.com	<u>Parcel GIS ID(s):</u> 02726124, 02726123
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2021-090: APM Mallard Creek, LLC

Air Quality 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.

The proposed development is planned to serve a multifamily group and to have vehicle parking greater than or equal to 20 spaces. Mecklenburg County Air Quality recommends that the proposed development be constructed with at least 10% EV-ready parking spaces. EV-ready spaces are those that have pre-installed electrical panel capacity with a dedicated circuit, raceway with conduit, and either a junction box or 240V outlet.

It is typically 3-4 times less expensive to install EV charging infrastructure during initial construction versus retrofitting due to the increased costs from demolition, trenching, and redundant permitting fees.

As a point of reference, the LEED (Leadership in Energy Efficiency and Design) standard for Electric Vehicles in New Construction requires developers to install electrical vehicle supply equipment (EVSE) in 5% of all parking or make 10% of all parking spaces EV-ready. More information on these standards can be found in LEED v4.1: Building Design and Construction: New Construction located at: www.usgbc.org.

Ground Water Services Comments: Groundwater & Wastewater Services records indicate contamination site(s) exist on or within 1,500 feet of the property included in the petition. An established Area of Regulated Groundwater Usage (ARGU) as defined by the Mecklenburg County Groundwater Well Regulations extends 1,500 feet around the contamination sites. In an ARGU where municipally supplied water is available water supply wells for potable water supply, irrigation or open loop geothermal systems may not be permitted or constructed on or within 1,000 feet of contamination sites. Wells may be permitted with special construction and sampling requirements between 1,000 and 1,500 feet of contamination sites.

Information from property records does not indicate the current use of oil heat, but since records indicate structures that were built in 1945 and 1956, the property may contain an underground or above ground fuel oil storage tank. Any existing tank and its contents should be removed, following applicable NCDEQ guidance, prior to any demolition or grading activity.

Records available to GWS do not indicate that City Water is being utilized at PID 02726124. If water supply wells exist at these properties, then the wells should be protected during site development by flagging and fencing or be permanently abandoned in accordance with the Mecklenburg County Groundwater Well Regulations prior to site development commencing. A permit from GWS is required prior to well abandonment. Well abandonment is required to be completed by a well driller certified in NC.

Storm Water Services Comments: No Comments.

Solid Waste Comments: No comment.

Department Contacts:

Petitioners seeking to address individual comments and issues may follow up with the following Mecklenburg County staff:

Air Quality Comments: PJ McKenzie - (paul.mckenzie@mecklenburgcountync.gov)

Ground Water Services: Shawna Caldwell - (shawna.caldwell@mecklenburgcountync.gov)

Storm Water Services: Myrette Stephen - (myrette.stephen@mecklenburgcountync.gov)

Solid Waste Comments: Joe Hack - (joe.hack@mecklenburgcountync.gov)

Additionally, please CC Dylan Kirk, (dylan.kirk@mecklenburgcountync.gov) on all communications to individual departments.

MCAQ Scope of Review:

Mecklenburg County Air Quality (MCAQ) has reviewed the petitions with regard to air quality regulations for stationary sources and demolition and/or renovation of structures (e.g. 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 or sensitive populations. MCAQ has conducted the review based on information submitted by the petitioner, review of aerial photographs (as available through the Mecklenburg County Polaris system), review of the “Air Pollution Facility Information Online” database available from the MCAQ website, and review of Mecklenburg County Health Department records. The review is cursory based on limited information provided within petition applications and site plans.