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City of Kings Mountain Statement on Water Supply Progress

Kings Mountain, NC – The City of Kings Mountain is actively addressing elevated levels of organic matter in the municipal water supply, which originates from Moss Lake. These higher levels of organics—contributing to an earthy taste and odor in some areas of the City—are the result of various environmental conditions, including changes in rainfall, heat, stormwater runoff, and past dredging activities. It is important to note that these changes are **not** related to a lake turnover event.

As advised by the North Carolina Division of Water Resources, the City has implemented several key measures to improve water quality and mitigate the impact of these naturally occurring compounds:

- **Carbon Treatment:** We have introduced additional carbon treatment to effectively reduce organic content.
- **Increased Retention Time:** A fourth treatment basin has been activated and the flow rate has been reduced to allow more time for the carbon to react with the water.
- **Suspension of Dredging:** All dredging operations at Moss Lake have been halted to prevent additional organic disruption.
- **System Flushing:** Targeted flushing is underway to remove affected water and replace it with freshly treated water from the plant.

Despite the taste and odor issues, **our water remains safe to drink** and continues to meet all primary state and federal water quality standards.

The City is also pursuing long-term improvements. Plans are in place to install baffle walls and aeration systems within the water treatment facility to enhance ongoing treatment capabilities. These upgrades are currently pending final approval from the North Carolina Department of Environmental Quality (DEQ).

The City is working diligently to eliminate the earthy taste and smell associated with the water. We recognize the inconvenience this has caused for affected residents and appreciate the public's patience as we work toward both immediate and lasting solutions.

We will continue to provide additional information as it becomes available.

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