

# Kings Mountain Lithium Mine

Albemarle Invites Community Members to Participate in the Environmental and Social Impact Assessment

## INTRODUCTION

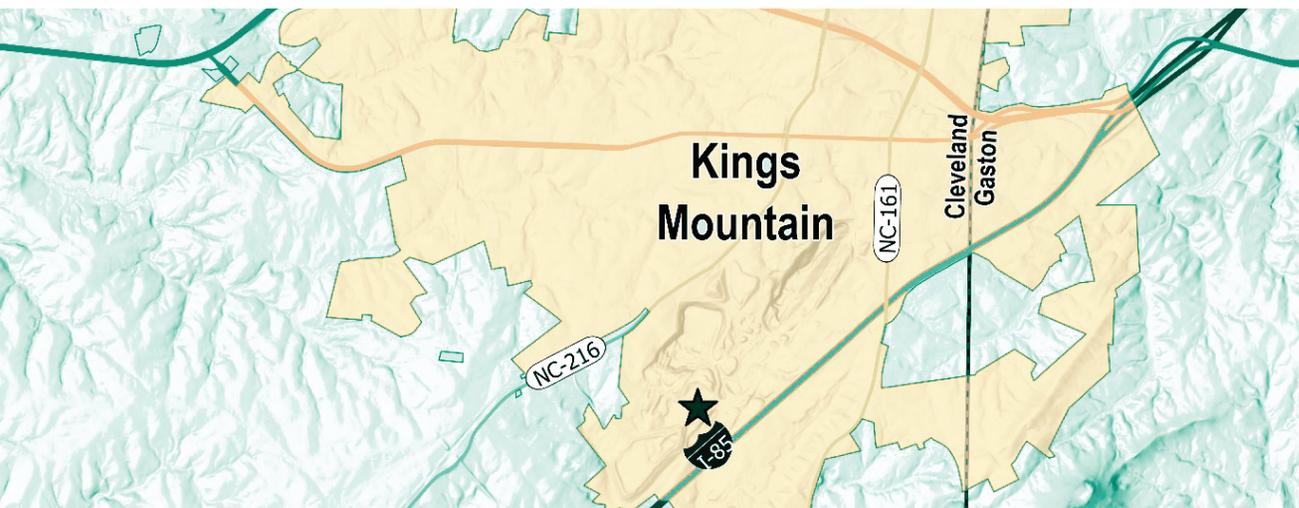
Albemarle seeks public participation to inform our plans to restart mining operations in Kings Mountain, North Carolina. The site sits atop a deposit that could help meet the growing demand for the lithium needed to support the electric vehicle supply chain and clean energy production in the United States. Albemarle proposes to remove the water that has filled the old mine site and resume mining the Kings Mountain deposit. The proposed mine is located on an 800-acre site and will be operated as an open pit mine.

Albemarle is currently preparing an Environmental and Social Impact Assessment<sup>1</sup>(ESIA) to better understand and manage the potential impacts and opportunities for the proposed mine. Throughout the ESIA process, Albemarle will be hosting public meetings and invites people to ask questions and give comments regarding the proposed mine and the ESIA findings during those meetings. Comments and questions also may be posed via our [website](#), our email [kmcommunity@albemarle.com](mailto:kmcommunity@albemarle.com), Project hotline 704-734-2775, or in person at our Project Center at 129 West Mountain Street.

Pending regulatory approval and the permitting timeline, we estimate that initial construction could start in late 2025 and estimate to begin production in 2027.

As part of our commitment to responsible operations, Albemarle is developing the mine in line with the Initiative for Responsible Mining Assurance's (IRMA) Standard for Responsible Mining. Globally, the IRMA Standard is the most comprehensive and rigorous certification standard for assurance of responsible mining practices. More information on IRMA can be found on their website: [www.responsiblemining.net/](http://www.responsiblemining.net/).

<sup>1</sup> Our ESIA process supplements federal, state and local permitting.



### Legend

- ★ Albemarle Lithium Mine Site Location
- City of Kings Mountain
- County Boundary
- Roads**
- Interstate
- US Route
- NC Route



## COMMUNITY INPUT FOR THE ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

Since October 2022, Albemarle has conducted numerous environmental and socioeconomic studies. Albemarle now plans to validate those studies and prepare an ESIA to effectively identify and assess the potential environmental, social, health, and safety impacts and benefits that could occur because of the development, operation, and ultimately, the closure of the mine. Albemarle will continue to share information and seek input from neighboring communities and local stakeholders throughout the phases of the ESIA, including:

**Scoping** – identify the area that will be affected by the mine and its potential impacts. We will share the scoping results with community members and local stakeholders for feedback.

**Project Description and Alternatives** – validate the mine’s Project Description and Albemarle’s assessment of Project Alternatives to minimize adverse impacts.

**Participatory Baseline Validation** – describe and validate the current environmental and social conditions of the affected area are described and validated with community members and local stakeholders.

**Environmental and Social Impact Assessment** – assess and evaluate the environmental and social impacts based on how the community will be affected, positively or negatively. In the assessment, we will consider:

- Impacts on the physical environment<sup>2</sup>
- Impacts on the biophysical environment<sup>3</sup>
- Impacts on the human environment<sup>4</sup>
- Cumulative impacts to the above environments
- Impacts from unplanned events that are a part of our customary risk mitigation.

**Management Plans** – develop Environmental and Social Management Plans that include mitigation measures to minimize adverse impacts and measures to enhance positive impacts.

<sup>2</sup>Air quality, climate, noise, vibration, surface water, groundwater, geology, topography, physiography, and natural hazards.

<sup>3</sup>Wetlands, environmentally sensitive areas, fauna, and flora.

<sup>4</sup>Community health and safety, social infrastructure, local economy, cultural heritage, and human rights.

## OUR COMMUNITY ENGAGEMENT TO DATE

Albemarle appreciates all the community members for their participation and feedback as part of the Community Advisory Panel (CAP). The CAP serves as a forum for two-way dialog between Albemarle representatives and a cross-section of community members chosen to represent the interests of Kings Mountain. Since October 2022, Albemarle has hosted regular CAP meetings and will continue to do so going forward.

We would also like to thank community members and local stakeholders who have participated in the regular Town Hall meetings held since September 2022. Additional Town Hall meetings are planned to provide community members the opportunity to ask questions and give feedback on ESIA and the proposed mine. You'll find the dates of past and upcoming Town Hall meetings on our [website](#). Past Town Hall meetings can be viewed on our [News & Media](#) page.

## COMMUNICATION CHANNELS

Albemarle is committed to transparent, two-way communication with neighboring communities and local stakeholders. Information about the mine and ESIA and ways that neighboring communities and local stakeholders can provide feedback may be done through the following channels:

**The Project Center:** 129 West Mountain Street, Kings Mountain, NC 28086

**Kings Mountain Website:**  
[albemarlekingmountain.com](http://albemarlekingmountain.com)

**Email:** [kmcommunity@albemarle.com](mailto:kmcommunity@albemarle.com)

**Community Hotline:** (704)734-2775

