

# SUSTAINABLE VULCAN ILLINOIS





# SUSTAINABLE EDUCATION



As a neighbor in the community, we have a special responsibility to give back and be responsive to the needs of the community. What better way to give back than by fostering an excitement for learning with the youngest members of the community?



Vulcan is proud to partner with local schools in our quarry communities and use our people and operations to enhance student learning. Our Adopt-a-School program includes partnerships with elementary schools and even entire school districts.

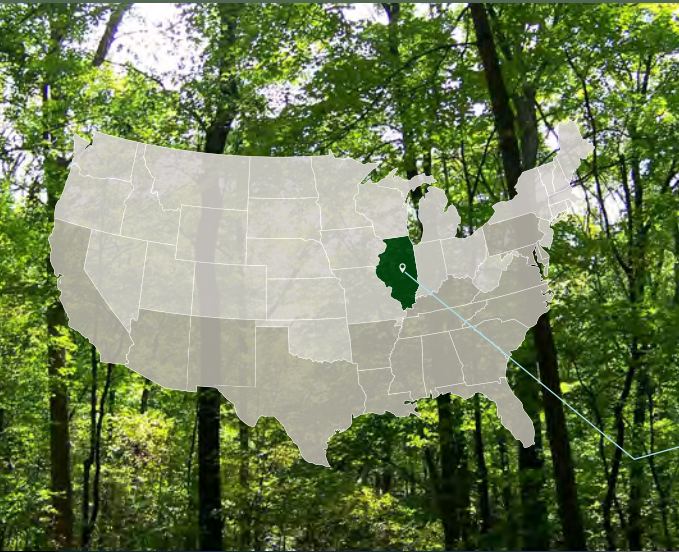
We think of our personnel as instructors and our quarries as outdoor classrooms that augment the local classroom experience. We also underwrite local educational programs and work with all levels of local school administration. For instance, during Earth Science Day each year at McCook Quarry, the entire sixth grade of the school district comes and learns about geology. The highly anticipated day of learning is an effort by our Adopt-a-School partner, LaGrange School District 105, to allow students to learn firsthand how science, technology, engineering and math are used every day to better the world.

Vulcan also supports a local high school robotics group and hosts quarry tours at several of its locations for elementary schools. Bolingbrook Quarry has an annual “Cub Scouts Day” where local Cub Scouts troops tour the facility and get classroom and hands-on experiences during the day. In addition, Vulcan provides product donations to local Eagle Scouts who are learning responsibility and community service while beautifying the community. We believe that by supporting local students, we are investing in the future and helping cultivate tomorrow’s workforce.





# SUSTAINABLE PARTNERSHIPS



Vulcan maintains a natural area at our Sand & Gravel facility in Macon, IL.

“Congratulations! The Wildlife Habitat Council (WHC) commends the wildlife team at Vulcan Materials Company’s Macon Sand & Gravel facility on achieving *Wildlife at Work* recertification. Due to the strength of your overall program and application, your program has been recertified for three years, the maximum time possible.”

Macon Sand & Gravel  
Decatur, IL

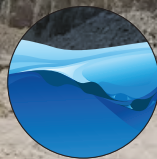
## METROPOLITAN WATER RECLAMATION DISTRICT

Vulcan Materials Company Midwest Division has a pivotal role in the development of the Metropolitan Water Reclamation District (MWRD) of Greater Chicago Tunnel and Reservoir Plan (TARP) McCook Reservoir, which will be the largest of three reservoirs in the TARP system. The McCook Reservoir is designed to capture rain event overflow caused by combined sewer capacity constraints. Vulcan is mining MWRD property in order to create space in which MWRD can operate the reservoir. The mining is underway in two stages: the first stage will result in 3.5 billion gallons of storage (to be completed in 2017) and the second stage will result in 6.5 billion gallons of storage (to be completed in 2023). MWRD estimates the reservoir to provide more than \$114 million per year in flood damage reduction benefits to 3,100,000 people in 37 communities.

**1ST STAGE**  
3.5 BILLION  
GALLONS OF  
STORAGE



**2ND STAGE**  
6.5 BILLION  
GALLONS OF  
STORAGE



\$114 MILLION  
PER YEAR TO  
3,100,000 PEOPLE  
IN 37 COMMUNITIES



## ILLINOIS STATE TOLL HIGHWAY AUTHORITY

In an effort to promote sustainability and generate a “win-win” opportunity, Vulcan approached the Illinois State Toll Highway Authority while partnering with various ready mix concrete producers to use waste carbonate fines, from mining operations, as all or part of the fine aggregate fraction in Portland cement concrete mixtures.

The partnership promotes sustainability and illustrates that cost-effective materials can be engineered and used in building material applications without sacrificing performance.



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