

MISSOURI



NATURAL RESOURCES

Zero Road Facility

7627 Zero Road, Berger, Mo.

October 2017

Facility Description

The 33-acre property located at 7627 Zero Road contains three buildings, a water-production well house, a water supply tower, domestic waste lagoons and a fenced parking lot. The main warehouse building is approximately 110,000 square feet and is elevated four feet above the surrounding area. A chain-link fence surrounds the site on the west, north and east sides of the property. The on-site groundwater production well, which is currently inactive, was constructed 1,200 feet deep with the upper 465 feet cased. The facility is currently owned by W&B of Franklin County.

Waste Description

At present, Missouri Green Materials LLC is storing a large quantity of spent sandblasting materials inside the warehouse. These waste materials are considered to be hazardous because they contain amounts of certain metals, including cadmium, that exceed regulatory limits established by the Missouri Department of Natural Resources and the U.S. Environmental Protection Agency (EPA). The spent sandblasting materials are stored inside containers, inside the elevated warehouse. There are no indications of any release of the materials from the warehouse.

Facility History

The facility first opened in 1969. At various times, metal products and rubber seals were manufactured at the facility. The facility was registered as a hazardous waste generator from 1987 to 1999. In 2000, manufacturing operations ceased, after which a portion of the facility reportedly has operated as a storage warehouse, and the remainder has been vacant.

In 2007, the Franklin County Commission submitted an application for an environmental site assessment to the department. Ultimately, the site was not enrolled in the department's Brownfield/Voluntary Cleanup Program.

On Nov. 29, 2013, the Mississippi Department of Environmental Quality notified the department that US Technology Corporation (UST) had shipped hazardous waste sandblasting materials to Missouri Green Materials at the Zero Road facility. Department staff confirmed Missouri Green Materials had not obtained the proper permits from the department to accept or store hazardous waste in Missouri.

Agency Actions Taken

Beginning Dec. 6, 2013, department staff inspected the facility and spoke with neighbors. Staff identified approximately 12 million pounds of spent sandblasting materials in the warehouse. The department issued a Notice of Violation (NOV) for 12 hazardous waste violations.

Department staff continued to investigate the facility and coordinate with EPA and environmental agencies in other states. UST's documents showed material arrived at the facility from Mississippi, Arkansas, Georgia, Ohio and Utah. As a result of its investigation, in 2014 the department cited Missouri Green Materials for 50 additional violations and UST for 19 additional violations. Because

of the multi-state issues involved with this facility, the department referred this matter to EPA Region VII. EPA is now the lead enforcement agency.

In 2016, EPA Region VII entered into a Consent Agreement and Final Order (CA/FO) with UST that directed the company to properly treat and sample the materials and dispose of them at an appropriate off-site facility. EPA's CA/FO with UST is available at <https://yosemite.epa.gov/OA/RHC/EPAAdmin.nsf/Filings/D1AB1644162239C0852....>

To ensure site security, EPA and UST amended the CA/FO on Sept. 28, 2017. Among other things, UST must now conduct weekly inspections of the exterior and interior of the building to ensure all doors and windows are locked and no material has been disturbed. The CA/FO Amendment is available at <http://dnr.mo.gov/env/hwp/enf/docs/cafoamendmentzerord07-2016-0032.PDF>

Department staff recently visited the facility to reassess the condition of the property and saw no indications of any release of the materials from the warehouse.

For More Information

For additional information regarding the site, contact Chris Muehlberger of EPA Region VII at 913-551-7623.

Anyone with additional concerns or information regarding this site may contact the department's Environmental Emergency Response line at 573-634-2436.

Aerial Map

