

Gem City Chemicals, Inc.

March 2009

Gem City Chemicals, Inc., is a chemical distribution, blending, and repackaging facility that has been in operation for over 25 years. The facility is located at 1281 Air City Avenue in Dayton, Montgomery County. Ohio EPA became aware of volatile organic compound (VOC) contamination in ground water at the facility in 1989 during a regional investigation of the sources of VOC contamination in Dayton's Mad River Well Field. On July 6, 1992, Ohio EPA and Gem City Chemicals entered into an Administrative Order on Consent in which Gem City Chemicals agreed to prevent further off-property migration of VOC-contaminated ground water.

Currently a single recovery well is in operation, capturing and pumping contaminated ground water into an air stripper for treatment. Gem City Chemicals has an NPDES permit to discharge the treated ground water. The capture system has been effective in meeting the goals of the agreement. Sources of VOC contamination still remain at the site, however, and Gem City will continue to operate the recovery well until ground water clean-up goals are met.

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