



AN AUTHORIZED MANUFACTURER OF POZZOTIVE®

***Urban Mining CT, LLC Comments on DEEP Implementation of Section 8 of Public Act 21-58
Bottle Bill Modernization***

In late 2020, Urban Mining CT, LLC (Urban Mining) began operating a first-of-its-kind waste glass processing facility here in Connecticut. The Beacon Falls plant can take up to 100,000 tons of waste glass annually and turn it into a ground-glass pozzolan, called Pozzotive®, that creates stronger, longer lasting concrete *while reducing carbon dioxide emissions generated in the production of cement on an almost ton-for-ton basis*. The success of this enterprise relies on a readily available supply of waste glass. Glass currently being accepted at the Beacon Falls plant is coming primarily from Connecticut's material recovery facilities (MRFs), with modest amounts also coming from the HRR pilot program.

What makes the Beacon Falls facility unique is its ability to handle all types of glass containers in any condition or state of cleanliness, including wine and spirits bottles made of ceramic or other "non-traditional" bottle glass. Once fully implemented, Connecticut's Bottle Bill is expected to markedly reduce the volume of in-state MRF glass available to Urban Mining. To avoid forcing Urban Mining to substitute glass from sources outside of the State to continue operations, Urban Mining asks DEEP, as it develops the MOU pursuant to Section 8 of PA 21-58, to make the Beacon Falls facility an important element of the in-state processing option for wine and liquor beverage containers sold in this state.

In summary:

- Our solution keeps the most convenient form of recycling in place for our state's residents -- curb side recycling -- and minimizes the need for trips to redemption centers, a burden that will be disproportionately placed on residents who do not have ready access to these centers.
- Importantly, and in response to one of DEEP's stated objectives of finding "the highest and best use" for glass, the addition of Pozzotive® to concrete mixes creates stronger and longer lasting concrete for our communities while reducing the carbon footprint of concrete on a nearly ton-for-ton basis. Using Pozzotive® to replace cement in concrete is **five times more impactful in reducing global CO₂ emissions than repurposing the glass back to bottles or fiberglass.**

Together, with all the stakeholders involved, we can tell a great circular environmental story. Our glass feedstock is *sourced locally*, keeping it out of costly landfills, and our finished products are *manufactured and used locally in sustainable infrastructure and building projects*.

Thank you in advance for your consideration and we look forward to working with DEEP and the other stakeholders in finding the best solution to this important issue. Should you have questions concerning this correspondence, please contact Patrick Grasso at 917-515-5751.

For further information on Pozzotive®, please go to: <http://www.pozzotive.com/>