



NEWS RELEASE

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HARFORD MINERALS RECEIVES APPROVAL TO STUDY THE INNOVATIVE REUSE OF DREDGE MATERIAL FROM PORT OF BALTIMORE SHIPPING CHANNELS

Governor, Board of Public Works Announces Innovation-Focused Partnership

On January 27, 2021, Maryland's Governor Larry Hogan and Board of Public Works (BPW) approved a contract award to Harford Industrial Minerals Inc. ("Harford Minerals"), to study and demonstrate the innovative reuse of dredged material sediment to manufacture certain products for use in construction. This includes the production of lightweight aggregate for uses such as structural concrete and various fill applications. The results will be compared to existing commercial options with the goal of making a locally produced product of comparable, or superior, quality. The award is in response to the Request for Proposals for Research & Development projects to advance innovative reuse as specified in the updated Innovative Reuse & Beneficial Use Strategy from the Maryland Department of the Environment (MDE).

"Given our company's strong history in the industry and dedication to innovation, our management team is confident that Harford Minerals represents an ideal partner to work with the Maryland Port Administration on its mission to identify innovative and beneficial reuse opportunities for dredge material," said Harford Minerals President Miguel Lambert.

The contract approved by the Maryland Department of Transportation's Maryland Port Administration (MDOT MPA), BPW and Maryland Port Commission (MPC) could greatly expand ways to reuse dredged material. Dredge sediment gathers in shipping channels and must be routinely cleared to keep lanes open for ship navigation. Also, dredge material must be excavated from the Port of Baltimore to increase its future capacity and ability to accept vessels of various sizes. In the past, the sediment byproduct has been used for land restoration. Projects to restore Hart-Miller Island in Baltimore County and Poplar Island in Talbot County have utilized dredged material, and James and Barren islands in Dorchester County are slated to be rebuilt over the next several years using dredged sediment.

"Unbeknownst to most, the State of Maryland has a real need to develop innovative reuses of dredge material as it plans to maintain and expand the Port of Baltimore Port capacity and

bolster the State's transportation industry. We believe we can put that material to productive use," said Harford Minerals General Counsel Ano Mugwagwa.

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In a previous press release from MPA, Governor Larry Hogan said, “Our administration is pleased to see companies explore ways to transform dredged material into products that aid construction and boost our economy. These innovative uses could turn sediment that builds up in the Chesapeake Bay into a valuable resource for making bricks, concrete and even structural support for shorelines.”

This contract will use dredge material from the MDOT MPA's Cox Creek Dredged Material Containment Facility located just outside Baltimore. If successful, the contract could result in future or long-term opportunities to continue working with MDOT MPA to use dredge material sediment for innovative reuses and help contribute to the State's sustainable material goals. Furthermore, it will help create jobs and add to Maryland's reputation for driving innovation.

Harford Minerals is pleased to have the support of MDOT MPA and other various state agencies and groups, including Department of Commerce and Sustainable Materials Management Maryland (SM3), towards its mission to develop innovative reuses of dredge material. MDOT MPA has been a national leader in using dredge material in ways that benefit the community and the environment,” MDOT Secretary Greg Slater said. “We've used this sediment for years to rebuild islands, create wildlife habitats and reinforce shorelines. These new proposals could lead to new and innovative reuse of dredged materials.”

Founded in 1965, Harford Minerals earned a reputation for its specialization in supplying the golf course industry with sands. In more recent years, it has become known for ease of access and reliability as a premier reclamation facility for the disposal of excavation and dredge materials. Harford's 75-acre campus is located in the Joppa area of Harford County Maryland, just minutes off of Interstate I-95. The campus has reasonable dump fees and charge by the truck load not by tonnage.

The year 2014 brought expansion to Harford Mineral's facility by adding aggregate supply to its business offerings and making it even more convenient for construction projects that require material to be brought in. Those customers can both bring in the excavated material to be disposed of and back-load fill, borrow, stone, sand, recycled materials, and even boulders for their jobs in one easy to access location. Harford Minerals is certified for topsoil by State Highway Administration (SHA) as well.

In 2016, Harford Minerals established its crushing operations for recycled concrete materials. This allows the facility to accept hard-to-dispose material from construction projects and repurpose it. Harford Minerals looks forward to announcing further development of its material recycling facilities.

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