



MEMORANDUM

TO: File

FROM: G. Austin Marrs, P.E. – RWSA Senior Civil Engineer

DATE: November 5th, 2025

SUBJECT: Sole Source Procurement Determination – VA Code Section 2.2-4303.E
South Fork Rivanna Reservoir Waterway Barrier - Worthington

CC: Bill Mawyer, David Tungate, Lonnie Wood, Jennifer Whitaker, Daniel Campbell, Scott Schiller

The purpose of this memorandum is to provide a determination regarding the suitability of sole source procurement for the purchase of a waterway barrier system for the South Fork Rivanna Reservoir.

The Rivanna Water & Sewer Authority (RWSA) is about to embark on the construction of a raw water transfer system that will allow for water to be transferred from the South Fork Rivanna Reservoir (SFRR) to the Ragged Mountain Reservoir (RMR). As a part of this project, a new 41 MGD Raw Water Pump Station and Intake will be installed at SFRR. Two (2) screen assemblies will be installed in the reservoir, complete with an air burst cleaning system. It is imperative that boaters stay away from this area of the reservoir at all times, but especially while the air bursting process is underway, as water conditions can rapidly become turbulent.

In addition, RWSA owns and operates numerous dams across its service area. In order to protect the public, RWSA manages a robust dam safety program, aimed at educating the public of the hazards present at dam facilities and preventing incidents. As part of this process, RWSA desires to install a waterway barrier not just around the new intake at SFRR, but across the entirety of the reservoir, to replace the existing buoy system. This will help prevent the public from reaching the dam structure and alleviate the safety concerns that it creates. The existing buoy system is prone to damage during storm events and must be replaced by Operations staff frequently. In addition, the existing system does not provide a physical barrier between boaters and the dam.

RWSA intends to utilize Worthington's ODIN series of waterway barriers for this project. While there are a handful of companies that produce waterway barriers, Worthington is an internationally recognized leader in dam safety related barriers and other products, offering a level of technical support that cannot be matched by other manufacturers and a proven track record of producing rugged and reliable barrier systems. Worthington also stocks a large assortment of parts and components, so in the unlikely event of an issue with one of its products, the system can be serviced and put back into operation quickly. Related to the ODIN series itself, its high-density polyethylene (HDPE) construction allows for a 50+ year lifespan, backed by a 30-year warranty. It is not apparent that another manufacturer makes a product with the durability and support of the Worthington ODIN series.

In summary, sole source procurement is necessitated by the following:

- Worthington is the only company that manufactures a waterway barrier system with the necessary quality. This is especially important, considering the magnitude of debris that can be found at SFRR during storm events, and the importance of maintaining integrity during storm events to protect public safety.
- Worthington has a dedicated technical support program, that also stands behind their product with a 30-year warranty.
- RWSA has utilized Worthington's products at other facilities with success.

Sole Source procurement is permitted under the Virginia Public Procurement Act, Section 2.2-4303.E upon a determination, in writing, that the goods or services required are practicably available from only one source. After discussion and review with RWSA staff, it is apparent that the waterway barrier system outlined above can only be provided in the necessary timeframe by one source, Worthington.

This document serves as the written determination required by Section 2.2-4303.E for a sole source procurement and has been reviewed by the Authority. Once approved by the Authority's Executive Director, the Authority will begin negotiations with the Worthington for procurement of the waterway barrier system, along with all necessary appurtenances and support. Upon the successful completion of the negotiations, the Authority will post a notice on its website detailing the sole source procurement.

APPROVED BY:


Bill Mawyer, Executive Director

DATE:

11/17/2025