



OFFICE OF WASTEWATER MANAGEMENT

WASHINGTON, D.C. 20460

DECISION MEMORANDUM

SUBJECT: Project-Specific Availability Waiver of American Iron and Steel Requirements to Charlotte County, Florida for 8-Inch to 16-Inch Knife Gate Valves

FROM: Andrew Sawyers, Director

Decision: The U.S. Environmental Protection Agency is hereby granting a project waiver pursuant to the “American Iron and Steel” (AIS) requirements of the Clean Water Act Section 608 under the authority of Section 608(c)(2) to Charlotte County, Florida (Applicant) for 8-inch to 16-inch knife gate valves. This waiver permits the use of these valves, manufactured outside of the United States, in the Charlotte County Utilities East Port Water Reclamation Facility Capacity Expansion project, because no domestic manufacturers produce alternatives that meet the technical specifications of the project.

This waiver applies only to the proposed project funded by the Clean Water State Revolving Fund (CWSRF). Any other jurisdiction with projects funded by either the CWSRF, the Drinking Water State Revolving Fund, or the Water Infrastructure Finance and Innovation Act that wishes to use the same product must apply for a separate waiver.

Rationale: Section 608 of the Clean Water Act requires CWSRF assistance recipients for treatment works projects to use specific iron and steel products that are produced in the United States. The EPA has the authority to determine whether it is necessary to waive this requirement based on certain circumstances set forth in Section 608(c) of the Clean Water Act. The provision states that, “[the requirements] shall not apply in any case or category of cases in which the Administrator [of the EPA] finds that – . . . (2) iron and steel products are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality.”

Background of Waiver Request: The Applicant provided information to the EPA asserting that there are no domestic manufacturers producing knife gate valves in sufficient and reasonably available quantities and of a satisfactory quality. These knife gate valves will be used in the dewatering building for dewatered sludge cake conveyance piping. The knife gate valves must be of the solid one-piece cast body design high pressure style, with a minimum working

pressure of 250 psi. The body must be ductile iron, while the gate, stem, yoke, and other contact parts must be stainless steel.

Assessment of Waiver Request: The EPA conducted market research and a public comment period on the supply and availability of these knife gate valves. The basis of evaluation included thorough review of the waiver request submission, examination of domestic manufacturer catalogs or other technical data and marketing materials, personal communication with domestic manufacturers, inquiries of state staff, and outreach to contractors and engineers with expertise and familiarity with the project. During market research, the EPA contacted eleven (11) manufacturers and suppliers of these knife gate valves. Two (2) of the manufacturers initially stated they could make the AIS-compliant knife gate valves. Upon further communications between the Applicant and manufacturers in September 2024, the Applicant determined that the manufacturers were unable to meet the technical specifications of the valves required for the project. The EPA received no (zero) public comments to the waiver request.

Finding: Since the Applicant established a reasonable basis to specify the products required for this project, and because the EPA substantiated the Applicant's claim through market research that these products are not available from a manufacturer in the United States, Charlotte County, Florida is hereby granted a waiver from the AIS requirements. This waiver permits the use of 8-inch to 16-inch knife gate valves, as documented in the State of Florida's waiver request submittal on behalf of the Applicant dated August 8, 2024.

If you have any questions concerning the contents of this memorandum, please contact Timothy Connor, Chemical Engineer, Water Infrastructure Division, at connor.timothy@epa.gov or (202) 566-1059.