REQUEST FOR A WAIVER FROM THE AMERICAN IRON AND STEEL REQUIREMENT

This request for a waiver from the American Iron and Steel requirement was completed with Lake County and its consultants to document a need to use foreign made iron/steel component and verify that the conditions of Section 436 are met.

This waiver request is necessary due to (highlight):

- Public Interest (complete sections A and B below)
- Availability (complete sections A and C below)
- Cost (complete sections A and D below)

Section A – General

Describe the unit process which contains the proposed foreign-made iron/steel component.

Lake County, Indiana closed a loan in the amount of $25,000,000 with the IFA on May 29, 2024 (with Non-Equivalency/ Non-Federal funding).

The project area is currently serviced by septic systems that were installed in the 1950s and are now reaching the end of their useful life. The project will install a new collection system and grinder pump systems to eliminate these failing onsite systems.

The collection system is being installed throughout the project area, but connections to the system will be voluntary. For all homeowners that have signed up to participate in the program (), [redacted] grinder pump and all provided appurtenances to the assembly will be installed.

However, at this time 365 homeowners have not yet agreed to participate in the program. To allow for the project to proceed and for easy connection in the future, the County will install the lateral kit including 1 ¼" stainless steel curb stop valves and curb boxes that are compatible with the [redacted] grinder pump.

The County has not been able to identify a valve/ curb box that is compatible with the [redacted] grinder pump assembly that is produced domestically. No domestic manufacturer can provide a device that includes the combination check valve, ball valve, and cleaning port required for the project. Non-domestic valves meeting the project specification can be secured. The purchase of non-domestic valves will allow the system to be constructed in a way that will quickly eliminate failing septic systems in the Lake Michigan watershed with minimal disruption, protecting human health in the Great Lakes Region.

Section B – Public Interest (N/A)

Why is the use of the product in the public interest? For example, is the use of a foreign madeiron/steel component necessary because of compatibility with existing components in the wastewater system or other reason?

Section C – Availability

Describe requirements in the project plans, specifications or permits which describe the requiredquantity and quality of the product:

- Product requirements: Specifications for the 1 1/4" curb stop valve and curb boxes are attached to this document

- Quantity: 365 independent of grinder pump assembly. 750 total
- Domestic product: unavailable
- Non-domestic product timeline est.: 6 weeks
    - [redacted]

Section D – Cost (N/A)

Cost of project with domestic components $_____

Cost of project with foreign made components $_____

Will the use of domestic components increase the project cost by more than 25%?

____Yes ____No

If No, cost is not a valid basis. If Yes, attach a detailed cost comparison of the domestic andforeign made options.

The SSLA will need to meet the following specifications:

1. The curb stop shall be pressure-tight in both directions.

2. The ball valve actuator shall include position stop features at the fully opened and closed

positions.

3. The curb stop/check valve assembly shall be designed to withstand a working pressure of 235

psi.

4. The stainless steel, combination curb stop/check valve component shall be 100 percent

hydrostatically tested to 150 psi in the factory.

5. The stainless steel check valve shall be integral with the curb stop valve.

6. The check valve will provide a full-ported 1-1/4” passageway and shall introduce minimal

friction loss at maximum rated flow.

7. The flapper hinge design shall provide a maximum degree of freedom and ensure seating at

low back pressure.

8. Engineered Thermoplastic Fittings

a. All plastic fitting components are to be in compliance with applicable ASTM standards.

b. All pipe connections shall be made using compression fitting connections including a

Buna-N O-ring for sealing to the outside diameter of the pipe.

c. A split-collet locking device shall be integrated into all pipe connection fittings to securely

restrain the pipe from hydraulic pressure and external loading caused by shifting and

settling.

9. Curb Boxes

a. Curb boxes shall be constructed of ABS, conforming to ASTM-D 1788.

b. Lid top casting shall be cast iron, conforming to ASTM A-48 Class 25, providing magnetic detectability, and be painted black.

c. All components shall be inherently corrosion-resistant to ensure durability in the ground.

d. Curb boxes shall provide height adjustment downward (shorter) from their nominal height.