



CITY OF PANAMA CITY BEACH

August 11, 2023

ADDENDUM NO. 1

PCB23-47 ITB HYPOCHLORITE STORAGE TANKS

Questions:

1. Is foam insulation required for both tanks since these tanks will not be installed in a climate that reaches freezing temps?

A. The primary purpose of foam encapsulation is to provide protection against UV degradation. Based upon data available, UV protective resin provides equal performance. This requirement is eliminated through this Addendum and opaque resin required for UV protection.

2. Can an Opaque White resin adder be used for both tanks in place of the foam insulation to protect the Sodium Hypochlorite from harmful UV-Rays and excessive heat that can degrade the Hypochlorite?

A. See response to Question 2.

3. Will these tanks be pneumatically filled? If so, then the manufacturer recommends a 18" surge manway. Please advise.

A. Tanks are to be pneumatically filled. Surge protective cover desired. See Specifications portion of this Addendum.

4. Will these tanks be installed in a containment area? If not, will the tanks need to be double containment tanks?

A. Tanks are to be located in an existing concrete containment basin.

Specifications:

Section 11200 – Hypochlorite Chemical Storage Tanks

Part 2 – Products, Section 2.1 Polyethylene Storage Tanks

Paragraph 2.1.G.1.2 Manway:

Delete “Manway shall be 18 inches in diameter, vented and sealed.” and substitute therefor “Manway shall be 18 inches in diameter and fitted with surge type cover for pressure relief due to over-pressurization.”.

Paragraph 2.1.G.1.4 Insulation (ADDITIVE ALTERNATE):

Delete this paragraph in its entirety.

Appendix B – Tank Shop Drawings

Tank 1 of 2: Delete Item No. 12 “Foam Insulation 10500VDT X 142 IN White” from the bill of materials listing. Delete Item 13 “ASM Manway 18 in PE w/ 4 in Vent w/ Tie SII” and substitute therefor “Surge relief-type manway 18 inches”.

Tank 2 of 2: Delete Item No. 12 “Foam Insulation 10500VDT X 142 IN White” from the bill of materials listing.