

## Doss, Gary

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**From:** Bette Jean Yank <bjwjcy@hotmail.com>  
**Sent:** Thursday, January 29, 2015 9:45 AM  
**To:** Doss, Gary  
**Subject:** Re: Yank Marine Followup

Yes this is acceptable.

Bette Jean Yank

On Jan 29, 2015, at 9:27 AM, "Doss, Gary" <[gdoss@Dewberry.com](mailto:gdoss@Dewberry.com)> wrote:

Mrs. Yank,

Thank you again for taking the time to speak with us yesterday. To follow up, you have three above-ground storage tanks (ASTs) within an approximately 20 foot by 15 foot bermed enclosure, and a fourth adjacent tank within an approximately 8 foot by 15 foot secondary containment system. HUD is concerned with ASTs that store hazardous chemicals of an explosive or flammable nature and their potential impact to people and buildings. They require the calculation of Acceptable Separation Distances (ASDs) from the tanks to locations where buildings/people may be present (in this case, your on-site buildings and the proposed/existing docks). An ASD for an enclosure of 20 feet by 15 feet is approximately 100 feet (the ASD for the 8 foot by 15 foot enclosure is approximately 64 feet). This means that portions of the docks fall within the ASD for these tanks.

The solution we suggested to you yesterday is to store these four tanks in their current locations only when they are in use. When not in use, we recommend storing them elsewhere on the property. Our suggested location is the eastern portion of the property, towards Main Street. Relocating the tanks here serves two functions; it moves far enough away from the docks and other buildings so as to no longer pose an ASD concern, as well as moves them outside of the Maurice River's 100-year floodplain, which will help us with other necessary agency consultations. Our proposed "new" storage location would have to be bermed in the same way that the current tank location is (e.g., a concrete pad with concrete block walls large enough to contain a spill).

We note that you have two additional tanks; one approximately 500-gallon out-of-use "spare" tank and one 275-gallon heating oil tank. While we are aware that the spare tank is currently empty and not-in-use, we recommend treating it in the same way as the other tanks (i.e., locating it a distance away from the buildings, within secondary containment, and only keeping it by the docks when it is in-use).

The 275 gallon tank is in-use and cannot be relocated. Therefore, we recommend installing a secondary containment system for this tank to capture any potential release, as well as install a barrier such as a concrete block wall between it and the adjoining building. A barrier will be required by HUD to mitigate potential ASD impacts, and they may require an approval on its design prior to construction.

We would just like to confirm that this is an acceptable approach for you. If you have any further questions or comments, don't hesitate to contact us.

Thank you again for your time,  
Gary

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