

NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

DIONNE DELLI-GATTI
Secretary

MICHAEL SCOTT
Director

May 5, 2021

To: Mr. John Sieger
Sheetz, Inc
5700 6th Avenue
Altoona, PA 16602

Engineer: Mr. Robert Wellert, PE
Wellert Corporation
5136 Beach Road
Medina, OH 44256

Subject: UST-6 "Application to Install or Replace Underground Storage Tank Systems (Pre-Installation)"
Sheetz #716
2201 NC 24-87
Cameron, NC 28326
Facility ID: 00-0-0000046208

Mr. John Sieger,

The North Carolina Department of Environmental Quality (NCDEQ) – Underground Storage Tank (UST) Section has reviewed the UST-6 "Application to Install or Replace Underground Storage Tank Systems (Pre-Installation)", received 3/11/2021 with additional information received 5/5/2021, proposing the installation of tanks and piping at the above location. Based on your submittal, your application to install or replace UST systems or UST system components at the above location is approved as follows:

1. The application does not indicate the name, address and contact information of the installation contractor to be used for construction of the UST system. Therefore, once selected, the complete contractor information shall be submitted with the UST-6 Post-Installation application for our records.
2. Tank 2C, and its associated piping, is designated for storing and dispensing E85. As such, a copy of an approved UST-20 "Alternative Fuel/Hazardous Substances Compatibility Checklist", including all appropriate manufacturer's compatibility documentation, must be submitted with the UST-6 Post-Installation application to indicate the date of installation for the E85 tank.

This approval is limited to the UST system and UST system components specified in the aforementioned application. Any modifications to the approved application must be approved by the design engineer. Significant modifications need to be submitted to NCDEQ for review and approval prior to installation (see enclosed "Guidance on UST-6A Modifications" for additional information). Be advised that if modifications are made during installation, to components associated with the E-85 tank and piping that are listed on a previously approved UST-20 "Alternative Fuel/Hazardous Substances Compatibility Checklist", an amended UST-20 Checklist, along with appropriate manufacturer's compatibility documentation for the modified components, must be submitted for review by the UST Section prior to final permit approval.



North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

Note that all components of the UST system, including any manifold piping must be tested in accordance with manufacturer's guidelines (and PEI/RP100). The resultant data must be submitted with the UST-6 (Post-Installation) application within thirty (30) days after installation. Automatic Line Leak Detector (ALLD) operability test data and sump sensor programming printouts must also be submitted to confirm that the UST system components were installed and tested in accordance with the manufacturer's written guidelines and Title 15A North Carolina Administrative Code, Subchapter 02N "Criteria and Standards Applicable to Underground Storage Tanks" (15A NCAC 02N).

Be advised that new UST systems and UST system components cannot be installed in areas where it will be in contact with contaminated soil or free product. If evidence of a release has been discovered or confirmed, the UST Section Regional Office Corrective Action Branch must be notified, and initial response/abatement activities must be completed prior to initiating UST installation or replacement activities. Please refer to the UST Section's website (<https://deq.nc.gov/about/divisions/waste-management/underground-storage-tanks-section>) for UST Section Regional Office locations/contact information and for the UST Section's Guidelines for Site Checks, Tank Closure and Initial Response and Abatement for UST Releases.

Note that all components of the UST system must be installed so that the equipment can be tested in accordance with manufacturer's guidelines and PEI/RP100. The resultant test data must be submitted with the UST-6 Post-Installation application within thirty (30) days after installation. Line tightness tests (LTT), automatic line leak detector (ALLD) tests and sensor setup/functionality/operability test data must also be submitted for all new piping/connected sumps, as applicable, to confirm that the equipment was installed and tested in accordance with the manufacturer's written guidelines.

During the installation of your UST system, you are required to schedule an installation inspection with UST Section personnel. The following phase(s) of the UST system installation must be inspected:

1. Testing of all piping, fittings and containment sumps prior to burial of the product piping. Note that the detectable tape (specified on the UST-6C form) must be on-site during this inspection.
2. Testing of all piping, fittings and containment sumps prior to burial of the product piping. The detectable tape specified on the UST-6C form must be on-site during this inspection. Please note also that the piping interstices must remain open in each sump after testing.

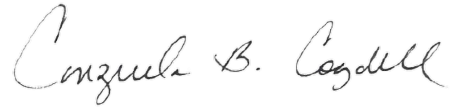
The UST inspector for the above location is Pamela Harrelson and she can be reached at (910) 867-6869. To ensure that a mutually convenient inspection date can be arranged, please contact the inspector prior to finalizing the schedule of the installation activity, such as scheduling tank delivery, crane rental, etc. You should provide one or more weeks notice to have a better chance that your proposed installation date is open on the inspector's calendar. In the event the regular inspector does not return your voicemail or e-mail within 24 hours, the alternate contact for installation inspections is Michael Phelps (Environmental Supervisor) who can be contacted at (336) 776-9684.

Note: Inspections cannot be scheduled for weekends or state holidays.

Within thirty days of the completion of installation activities, a hard copy of the UST-6 "Application to Install or Replace Underground Storage Tank Systems (Post-Installation)" documenting the installation work and testing must be submitted to NDEQ-UST Section (Central Office) for review. To allow for the operation of the UST system while the post-installation documents and final design plan are being reviewed, a 30-day temporary operating permit (TOP) may be requested by electronically submitting a UST-6-TOPR "UST Post-Installation – Temporary Operating Permit Request" form along with all final post-installation testing results to UST-installation@ncdenr.gov. The UST-6-TOPR form can be found at <https://deq.nc.gov/about/divisions/waste-management/ust/forms#UST6>. It is important to note that the Temporary Operating Permit Request (TOPR) is only an option for straightforward UST system designs (e.g., non-truck stops, non-emergency generator USTs) that include the installation of tanks and piping and is limited to installations where **no significant modifications** were made to the approved UST system design. Please be advised, a hard copy of the complete UST-6 (Post-Installation) package must be submitted to NCDEQ-UST Section (Central Office) as soon as possible following issuance of the temporary operating permit (TOP) to ensure that there is adequate time for review and approval before the temporary operating permit expires



Sincerely,



Conzuela B. Cogdell, PE
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Division of Waste Management
Underground Storage Tank Section
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Enclosures: Guidance on UST-6A Modifications

cc: Pamela Harrelson - UST Inspector
 Registration File

