



BUCKEYE TERMINALS, LLC

April 5, 2016

Buckeye Fort Lauderdale Narrative:

Buckeye owns and operates the Former Hess site located at 1501 SE 20th Street in Fort Lauderdale, Florida. The site is approximately 8.4 acres, and is equipped with six (6) above ground storage tanks and load racks to store and transfer various petroleum fuel grades to tanker trucks for distribution to local service stations and other businesses. The site is zoned Port Everglades Development District (PEDD).

In order to allow flexibility in achieving the Terminal's air operating permit throughput limit of 500,000,000 gallons per year, Buckeye is proposing to replace and modernize a storage tank at the site. The replacement tank (8716), is a steel bulk petroleum storage tank, 1,300,000 gallon capacity, 70 feet in diameter, and 48 feet high. This is phase one of a four phase installation. Following the installation of Ethanol tank 8716, three additional tanks will be designed and prepared for installation. Each tank description will be the same, however the product held will be determined by terminal need during the tank design phase.

Attached Site Plan 3 provides a view of proposed tank location within the Earthen Berm and each tank will have its own secondary containment system.

The information summary sheet to be used when reviewing the Terminal and the proposed tanks were part of the Level 1 Site Plan submission to the commission earlier this year. Should any questions regarding this submission arise, please contact the Project Manager, Mark Harris at (281) 846-7556.

**BUCKEYE TERMINALS, LLC
FT. LAUDERDALE TERMINAL
NEW TANK 8716**

Site:

Address – Buckeye Terminals, LLC, 1501 SE 20th Street, Ft. Lauderdale, FL 33316

Area – Approximately 8.4 acres

Zoning Designation – Port Everglades Development District (PEDD)

Security – The terminal is surrounded by a security fence and all access is via locked gates.

Fire Protection – The facility has a fire foam system to provide foam to all tanks.

Operations – The facility is manned 24 hours per day, 7 days per week and 365 days per year.

Storage Limitation – 500,000,000 Gallons per year of Gasoline, Denatured Ethanol and additives.

Current Tanks and Containment:

Tank 8706 (~4,000,000 Gallons Gasoline)

Tank 8707 (~4,000,000 Gallons Gasoline)

Tank 8708 (~4,000,000 Gallons Gasoline)

Tank 8709 (~20,000 Gallons Gasoline Additive)

Tank 8714 (~4,000,000 Gallons Denatured Ethanol)

Tank 8715 (~500 Gallons Additive)

Secondary Containment -Tanks 8706, 8707, 8708 and 8714 are located inside an earthen bermed area and have double bottoms as approved by the Florida Department of Environmental Protection (FDEP). Tanks 8709 and 8715 are located within concrete secondary containment systems.

Earthen Berms – All of the large storage tanks are located inside earthen berms designed to meet the federal Spill Prevention and Control Countermeasures Plan (SPCC Plan) requirements. Tanks 8706, 8707 and 8708 are located in the West Tank Farm and Tank 8714 is located in the East Tank Farm.

Overflow Protection – Redundant High and High-High level alarms are on Tanks 8706, 8707, 8708, 8709 and 8714. Tank 8715 is a small tank with a level gauge and secondary containment.

Tank Color – All tanks are painted white.

New Tank:

Tank Number - Tank 8716

Tank Description - Steel bulk petroleum storage tank, ~1,300,000 Gallons Capacity, 70 feet in Diameter by 48 feet high.

Secondary Containment – The tank is to be installed within the existing containment area (East Tank Farm) with an approved FDEP secondary containment system constructed under and around tank. This secondary containment system design is currently under review at FDEP.

Earthen Berm – The tank will be located in the earthen bermed area of the East Tank Farm, which currently contains Tank 8714, and will meet the federal SPCC Plan requirements.

Construction Schedule – It will take six (6) months to build the new tank and work is estimated to begin by March 15, 2016.

Traffic Impacts – During construction there will be an additional 30 to 40 persons commuting to and from the Terminal. Large trucks will be delivering supplies and materials throughout the construction period. Once construction has been completed, there should be no extra traffic related to the project other than Denatured Ethanol deliveries which will increase due to the smaller size of the Denatured Ethanol storage tank.

Color – The new tank will be painted white.

Rationale for New Tank – The new tank (8716) will provide all of the Denatured Ethanol requirements for the terminal while allowing the current Denatured Ethanol storage tank (8714) to be switched into Gasoline service. This change will give the terminal greater flexibility in supplying different grades of gasoline while meeting the federal requirements for supplying Gasoline and Denatured Ethanol blends.

Future Tanks:

Tank Number - Tank 8717; 8718 & 8719

Tank Descriptions - Steel bulk petroleum storage tanks, ~1,300,000 Gallons Capacity, 70 feet in Diameter by 48 feet high.

Secondary Containment – The tanks are to be installed within the existing containment area (East Tank Farm) with an approved FDEP secondary containment system constructed under and around each tank. This secondary containment system design which is currently under review at FDEP will be utilized for each.

Earthen Berm – The tanks will be located in the earthen bermed area of the East Tank Farm, which currently contains Tank 8714, and will meet the federal SPCC Plan requirements.

Construction Schedule – The construction schedule is undetermined at this time.

Color – The new tanks will be painted white.

Rationale for New Tanks – All new tanks will give the terminal greater flexibility in supplying different grades of gasoline while meeting the federal requirements for supplying Gasoline and Denatured Ethanol blends.

Submitted by:
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