

NPDES authorization to discharge to waters of the United States, Permit No. TX0092827  
 The applicant's mailing address is:

U.S. Department of Energy  
 Strategic Petroleum Reserve  
 Big Hill SPR Oil Storage  
 24784 Big Hill Road  
 Winnie, TX 77665

The discharges from this facility are as described in the table below:

Outfall Reference Number	Discharge Coordinates Latitude Deg° Min' Sec'' Longitude Deg° Min' Sec''	Type of Discharge	Discharge Volume MGD	Receiving Water	Water Body Segment
001	29° 33' 56" N 094° 11' 52" W	Brine diffuser for saltwater from cavern depressuring, through pipeline to offshore	0.668	Gulf of Mexico (approx. 5 miles offshore)	N/A*
002	29° 40' 59" N 094° 11' 42" W	Hydroclone Blowdown & filter backwash (inactive)	0.36 Estimated	Intracoastal waterway	0702
003	29° 44' 51" N 094° 14' 18" W	Retained stormwater from 14 cavern pads	0.061 Estimated	Spindletop Marsh	Unclassified
004	29° 44' 45" N 094° 14' 15" W	Sewage treatment plant	0.00104	Spindletop Marsh	Unclassified
005	29° 44' 57" N 094° 14' 15" W	Stormwater from the site power substation sump	0.0005 Estimated	Spindletop Marsh	Unclassified
006	29° 44' 57" N 094° 14' 27" W	Stormwater from surge tank secondary containment	0.005 Estimated	Spindletop Marsh	Unclassified
007	29° 44' 56" N 094° 14' 23" W	Stormwater from meter prover & crude oil meter skid through fire foam retention pond	0.00065 Estimated	Spindletop Marsh	Unclassified
008	29° 40' 59" N 094° 11' 42" W	Stormwater from transformer & located at the RWIS**	0.0005 Estimated	Intracoastal waterway	0702
009	29° 40' 59" N 094° 11' 44" W	Recirculated ambient water from the intracoastal canal	0.156 Estimated	Intracoastal waterway	0702

\* Outside the jurisdictional waters of the state of Texas

The proposed changes from the previous permit are:

1. Testing frequency for all stormwater discharges (outfalls 003, 005, 006, 007 & 008) have been reduced from monthly testing to quarterly testing based on good compliance history and for consistency with the Texas Rail Road Commission permit.
2. Stormwater Pollution Prevention Plan requirements have been included in the proposed permit.

It is proposed that this permit be reissued. A Statement of Basis is available, and describes the rationale for permit conditions. Under the standard industrial classification (SIC) code 5171, the facility is a Petroleum Bulk Station and Terminal.