

## New Wastewater Treatment Facility Improvements Sundown Ranch, Canton, Texas



With plans to expand and upgrade their facilities a new wastewater treatment facility was needed to replace a septic tank system that was not in conformance to state regulations.

Hayter Engineering provided Sundown Ranch with an engineering report with several options. A new treatment plant was chosen that in which the septic tanks (10) are used as primary treatment followed by stabilization ponds for final treatment. Two small lift stations and force mains were installed to move the waste from the septic tanks to the wastewater treatment plant. A discharge permit was obtained to discharge into an adjoining creek.

Improvements included lift stations, a force main to the plant, an effluent outfall line, a recirculation system and plant work.

Services provided by Hayter Engineering are listed at right.

This project was completed in 2016.

### CLIENT

Sundown Ranch

### CONTACT

Jeff Power

Telephone: (903) 479-3933

E-mail: [info@sundown.org](mailto:info@sundown.org)

### CONSTRUCTION COST

\$286,696.36

### SERVICES PROVIDED

Engineering Feasibility Analysis

Design Surveys

Design Plans & Specifications

Construction Bid & Award

Construction Review

TPDES Discharge Permit

Record Drawings

Warranty Review