

PROJECT SUMMARY

The Zydeco 20" Houston - Houma Pipeline was constructed across Greens Bayou in 1948 under COE Permit W-N-243-41-PERMIT-628.

After Hurricane Harvey, a portion of the pipeline was exposed on the east bank of Greens Bayou. Zydeco Pipeline Company LLC submitted pre-construction notice to the Corps of Engineers to construct a new pipe segment by horizontal directional drill to replace the exposed pipe. The HDD project was verified and approved by the Corps under SWG 2019-00068.

Construction of the replacement segment was completed in September 2019. The new pipe segment installed 60' below Greens Bayou, started at a location west of Highway 90 and ended at a location 500' east of Greens Bayou.

Approximately 1827' of old pipe was cut and disconnected when the new pipe segment was connected. The disconnected pipe remains in two Jurisdictional waters – Greens Bayou and the ditch identified as Stream S009 in the Wetlands Delineation submitted for SWG 2019-00068. Part of the disconnected pipe, a 590' segment, was removed and hauled offsite. The pipe that was removed included the exposed pipe in Greens Bayou. Divers cut the pipe in Greens Bayou to remove the exposed segment.

The remaining 1237' of disconnected pipe was grouted and left in place. Most of the 1237' is within Highway 90 right of way and is at least 20' deep. Twenty feet of pipe crosses Stream S009. Another 108' of pipe has been left in Greens Bayou. 1109' of the disconnected pipe is in non-wetlands.

The disconnected pipe crosses Stream S009 near the highway bridge supports and is sandwiched between other pipelines. Because of the proximity to the highway bridge supports, the closeness of adjacent pipelines, and the 20' of cover, removing the disconnected pipe in S009 and Greens Bayou would be very difficult, and an unnecessary risk to the integrity of the bridge supports, adjacent pipelines and the west bank of Greens Bayou. Therefore, Zydeco requests permission to abandon the disconnected pipe in place under Stream S009 and Greens Bayou.

No excavation or fill is required for the abandonment. The pipeline was cut and grouted as part of the construction project approved under SWG 2019-00068.

Zydeco maintains ownership of, and maintenance responsibility for, the disconnected pipe.