

**Region 6 Compliance Assurance and Enforcement Division
INSPECTION REPORT**

Inspection Date(s):	02/14/2019		
Media:	Water		
Regulatory Program(s)	Brine - SDWA		
Company Name:	Perdure Petroleum, LLC		
Facility Name:	NBU 51		
Facility Physical Location:	36.793938, -96.737802		
(city, state, zip code)	Shidler, Oklahoma 74652		
Mailing address:	12012 Wickchester Lane		
(city, state, zip code)	Houston, Texas 77079		
County/Parish:	Osage County		
Facility Contact:	Ben Becker		
	918-793-2881		
FRS Number:	N/A		
Identification/Permit Number:	OKU000874		
Media Number:	N/A		
NAICS:	21111		
SIC:	1311		
Personnel participating in inspection:			
Kent W. Sanborn	6EN-WR	Environmental Engineer	(918) 557 – 1615
EPA Lead Inspector Signature/Date			
	Kent W. Sanborn		Date
Supervisor Signature/Date			20 MAR 2019
	Guy Tidmore		Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector K.W. Sanborn visited the Perdure Petroleum, LLC oil and gas facility located at latitude 36.793938 and longitude -96.737802 near Shidler, Oklahoma on 02/14/2019 for an unannounced inspection. No representative of Perdure Petroleum, LLC was present for the inspection. The inspection was conducted by authority of the Clean Water Act and the Safe Drinking Water Act to determine compliance with the Environmental Protection Agency (EPA) regulations.

FACILITY DESCRIPTION

The inspection consisted of a facility in the North Burbank Unit (NBU), NBU 51 site, where previous discharges of produced water had occurred.

Section II - OBSERVATIONS

I observed runoff from the previous spill site seeping to the nearby creek and a temporary dirt dam had been built next to creek as well. I observed that the treated soil was in place. With a calibrated YSI Pro 30 Conductivity Meter, I took a Total Dissolved Solids (TDS) reading of the fluids on the Hill side and observed a range between 12,000 mg/L to 23,000 mg/L TDS readings along the runoff flow towards the creek. The nearby creek reading was 1,050 mg/L TDS.

Section III – AREAS OF CONCERN

There are still concerns of elevated TDS levels during rainfall events from runoff from the previous spill site, as observed during this inspection.

Section IV – FOLLOW UP

Conduct a follow up inspection in approximately one month.

Section V – LIST OF APPENDICES

N/A