

PIT CLOSURE – EXCAVATION SUMMARY
Marcus Production State #1-36
NWNW Sec 36 7N81W API 05-057-06065

This Summary is for the remaining soil after initial excavation of the Sump (Tinhorn Pit 1), the Overflow Pit, and the previous spill that flowed along the County Road. All the samples were taken after the contaminated material was excavated.

Analytical Summary

Samples collected at State 1-36 Location on 10/2/2018 and 10/8/2018.

<u>Location:</u>	<u>Status:</u>	Additional Samples from 8/15/2019
Sump (Tinhorn Pit 1) Sampled on 10/2/2018 as STATE 1-36 PIT		
Bottom	Clean	
North Side	TPH 4020 (500 limit)	TPH 1630
East side	Clean	
South side	TPH 5400 (500 limit)	TPH 710
West side	Benzene 250 (170 limit) TPH 850 (500 limit)	Benzene 0 TPH 2850
Previous Spill Area by County Road (Sampled on 10/2/2018 as STATE 1-36 SPILL)		
South End	TPH 4800 (500 limit) Arsenic 2.8 (0.39 limit) Sodium Adsorption Ratio 14 (12 limit) Conductivity 4.64 (4.0 limit)	TPH 4400
North End	Clean	
Overflow Pit 2 (Sampled on 10/8/2018 as STATE 1-36 PIT 2)		
Bottom	TPH 1342 (500 limit) Mercury 33.3 (23 limit) Sodium Adsorption Ration 16 (12 limit)	TPH 1960
W side	TPH 1000 (500 limit)	TPH 740