

Water Gremlin

White Bear Township, MN
Pace Project No. 19-01960

Table 25

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	5/12-5/13/20 / 13-5/14/20		
Time of Run	0729-0735	0758-0824	
Sample Duration (Minutes)	1446	1466	
Stack Temperature (°F)	80	77	79
Duct Moisture Content (%v/v)	0.6	1.3	0.9
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	14,700	15,800	15,300
SCFM	14,000	15,000	14,500
DSCFM	13,900	14,800	14,400
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	40.9	35.1	38.0
THC as Methane ¹	123	105	114
THC as Carbon	123	105	114
THC as Trans-1,2-Dichloroethyle	52.4	44.9	48.7
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	3.93	3.61	3.77
THC as Methane ¹	4.29	3.94	4.12
THC as Carbon	3.21	2.95	3.08
THC as Trans-1,2-Dichloroethyle	11.08	10.2	10.62

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor