

Water Gremlin

White Bear Township, MN
Pace Project No. 20-01960

Table 36

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	7/2-7/6/20	7/6-7/7/20	
Time of Run	0945-0911	0940-0811	
Sample Duration (Minutes)	5726	1351	
Stack Temperature (°F)	81	84	82
Duct Moisture Content (%v/v)	2.1	2.2	2.1
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	16,000	15,700	15,900
SCFM	15,100	14,800	15,000
DSCFM	14,800	14,500	14,600
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	9.33	29.3	19.3
THC as Methane ¹	28.0	88.0	58.0
THC as Carbon	28.0	88.0	58.0
THC as Trans-1,2-Dichloroethyle	12.0	37.6	24.8
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	0.969	2.98	1.97
THC as Methane ¹	1.06	3.25	2.15
THC as Carbon	0.792	2.43	1.61
THC as Trans-1,2-Dichloroethyle	2.73	8.39	5.56

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor