

Water Gremlin

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

Table 37

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	7/9-10/20	7/10/2020	
Time of Run	0855-0833	0850-2231	
Sample Duration (Minutes)	1418	820	
Stack Temperature (°F)	83	82	82
Duct Moisture Content (%v/v)	1.8	2.0	1.9
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	16,200	15,200	15,700
SCFM	15,200	14,300	14,800
DSCFM	14,900	14,000	14,500
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	18.8	23.6	21.2
THC as Methane ¹	56.4	70.8	63.6
THC as Carbon	56.4	70.8	63.6
THC as Trans-1,2-Dichloroethylene	24.1	30.3	27.2
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	1.97	2.32	2.14
THC as Methane ¹	2.14	2.53	2.34
THC as Carbon	1.61	1.89	1.75
THC as Trans-1,2-Dichloroethylene	5.54	6.53	6.03

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor