

Water Gremlin

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

Table 21

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	6/4-6/5/20	6/5/20	
Time of Run	0930-0921	0944-2201	
Sample Duration (Minutes)	1431	736	
Stack Temperature (°F)	81	81	81
Duct Moisture Content (%v/v)	1.5	1.5	1.5
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	16,700	16,700	16,700
SCFM	15,700	15,700	15,700
DSCFM	15,500	15,500	15,500
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	45.4	37.3	41.3
THC as Methane ¹	136	112	124
THC as Carbon	136	112	124
THC as Trans-1,2-Dichloroethylene	58.1	47.8	52.9
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	4.89	4.02	4.46
THC as Methane ¹	5.34	4.39	4.86
THC as Carbon	4.00	3.29	3.64
THC as Trans-1,2-Dichloroethylene	13.79	11.3	12.56

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor