

Water Gremlin

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

Table 35

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	6/30-7/1/20	7/1-2/20	
Time of Run	1011-0747	0804-0904	
Sample Duration (Minutes)	1296	1500	
Stack Temperature (°F)	85	87	86
Duct Moisture Content (%v/v)	2.8	2.3	2.5
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	15,500	14,700	15,100
SCFM	14,500	13,700	14,100
DSCFM	14,100	13,400	13,800
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	35.7	38.5	37.1
THC as Methane ¹	107	116	111
THC as Carbon	107	116	111
THC as Trans-1,2-Dichloroethylene	45.7	49.3	47.5
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	3.55	3.63	3.59
THC as Methane ¹	3.87	3.97	3.92
THC as Carbon	2.90	2.97	2.94
THC as Trans-1,2-Dichloroethylene	10.0	10.2	10.1

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor