

Water Gremlin

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

Table 34

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	6/24-25/20	6/25-26/20	
Time of Run	0948-0848	0914-0920	
Sample Duration (Minutes)	1379	1446	
Stack Temperature (°F)	83	83	83
Duct Moisture Content (%v/v)	1.7	2.0	1.8
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	15,800	15,900	15,900
SCFM	14,900	15,000	14,900
DSCFM	14,600	14,700	14,600
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	36.9	29.4	33.1
THC as Methane ¹	111	88.2	99.4
THC as Carbon	111	88.2	99.4
THC as Trans-1,2-Dichloroethyle	47.2	37.7	42.4
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	3.76	3.02	3.39
THC as Methane ¹	4.10	3.29	3.70
THC as Carbon	3.07	2.47	2.77
THC as Trans-1,2-Dichloroethyle	10.59	8.5	9.55

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor