

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	6/26-27/20	
Time of Run	0948-0848	0914-0920	0945-0940	
Sample Duration (Minutes)	1379	1446	1435	
Stack Temperature (°F)	83	83	83	83
Duct Moisture Content (%v/v)	1.7	2.0	1.7	1.8
Volumetric Flow Rate (Rounded to 100 CFM)				
ACFM	15,800	15,900	15,400	15,700
SCFM	14,900	15,000	14,500	14,800
DSCFM	14,600	14,700	14,300	14,500
Total Hydrocarbon Concentration, PPMv - Wet				
THC as Propane	36.9	29.4	17.3	27.8
THC as Methane ¹	111	88.2	51.8	83.5
THC as Carbon	111	88.2	51.8	83.5
THC as Trans-1,2-Dichloroethylene	47.2	37.7	22.1	35.7
Total Hydrocarbon Mass Rate, LB/HR				
THC as Propane	3.76	3.02	1.72	2.83
THC as Methane ¹	4.10	3.29	1.88	3.09
THC as Carbon	3.07	2.47	1.41	2.31
THC as Trans-1,2-Dichloroethylene	10.59	8.50	4.8	7.98

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor