

# Water Gremlin

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

## Table 36

### Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter				Average
Date of Run	7/2-7/6/20	7/6-7/7/20	7/7-8/20	
Time of Run	0945-0911	0940-0811	0840-0834	
Sample Duration (Minutes)	5726	1351	1434	
Stack Temperature (°F)	81	84	85	83
Duct Moisture Content (%v/v)	2.1	2.2	2.3	2.2
Volumetric Flow Rate (Rounded to 100 CFM)				
ACFM	16,000	15,700	15,800	15,900
SCFM	15,100	14,800	14,900	14,900
DSCFM	14,800	14,500	14,500	14,600
Total Hydrocarbon Concentration, PPMv - Wet				
THC as Propane	9.33	29.3	22.6	20.4
THC as Methane <sup>1</sup>	28.0	88.0	67.7	61.2
THC as Carbon	28.0	88.0	67.7	61.2
THC as Trans-1,2-Dichloroethyle	12.0	37.6	28.9	26.1
Total Hydrocarbon Mass Rate, LB/HR				
THC as Propane	0.969	2.98	2.30	2.08
THC as Methane <sup>1</sup>	1.06	3.25	2.52	2.27
THC as Carbon	0.792	2.43	1.88	1.70
THC as Trans-1,2-Dichloroethyle	2.73	8.39	6.49	5.87

<sup>1</sup> Linear alkane response factor derived from number of carbon atoms

<sup>2</sup> Constituent result based on empirical or theoretical response factor