

# Water Gremlin

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

## Table 31

### Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	6/9-10/20	6/10-11/20	
Time of Run	0921-0840	0901-0721	
Sample Duration (Minutes)	1398	1339	
Stack Temperature (°F)	77	76	77
Duct Moisture Content (%v/v)	1.6	1.3	1.5
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	16,600	16,000	16,300
SCFM	15,600	15,200	15,400
DSCFM	15,300	15,000	15,200
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	35.8	35.5	35.7
THC as Methane <sup>1</sup>	108	106	107
THC as Carbon	108	106	107
THC as Trans-1,2-Dichloroethylene	45.9	45.4	45.7
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	3.83	3.71	3.77
THC as Methane <sup>1</sup>	4.18	4.05	4.11
THC as Carbon	3.13	3.03	3.08
THC as Trans-1,2-Dichloroethylene	10.8	10.4	10.6

<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