

# Water Gremlin

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

## Table 32

### Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	6/15-16/20	6/16-17/20	
Time of Run	0844-0803	0932-0828	
Sample Duration (Minutes)	1398	1375	
Stack Temperature (°F)	81	83	82
Duct Moisture Content (%v/v)	1.4	1.4	1.4
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	15,500	15,400	15,500
SCFM	14,800	14,600	14,700
DSCFM	14,600	14,400	14,500
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	15.6	45.5	30.5
THC as Methane <sup>1</sup>	46.7	136	91.6
THC as Carbon	46.7	136	91.6
THC as Trans-1,2-Dichloroethylene	20.0	58.3	39.1
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	1.58	4.55	3.07
THC as Methane <sup>1</sup>	1.73	4.96	3.34
THC as Carbon	1.29	3.72	2.50
THC as Trans-1,2-Dichloroethylene	4.45	12.8	8.63

<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