

# Water Gremlin

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

## Table 42

### Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter				Average
Date of Run	7/30-31/20	7/31-8/1/20	8/1-3/20	
Time of Run	1003-0916	0935-1513	2210-0903	
Sample Duration (Minutes)	1393	1778	652	
Stack Temperature (°F)	82	81	78	80
Duct Moisture Content (%v/v)	1.7	1.8	1.3	1.6
Volumetric Flow Rate (Rounded to 100 CFM)				
ACFM	15,500	15,500	15,600	15,600
SCFM	14,700	14,700	15,000	14,800
DSCFM	14,400	14,400	14,800	14,500
Total Hydrocarbon Concentration, PPMv - Wet				
THC as Propane	30.4	13.5	38.6	27.5
THC as Methane <sup>1</sup>	91.2	40.6	116	82.5
THC as Carbon	91.2	40.6	116	82.5
THC as Trans-1,2-Dichloroethylene	38.9	17.3	49.4	35.2
Total Hydrocarbon Mass Rate, LB/HR				
THC as Propane	3.06	1.36	3.97	2.80
THC as Methane <sup>1</sup>	3.34	1.49	4.33	3.05
THC as Carbon	2.50	1.11	3.24	2.29
THC as Trans-1,2-Dichloroethylene	8.63	3.84	11.2	7.88

<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