

Water Gremlin

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

Table 29

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	5/31-6/1/20	6/1-6/2/20	
Time of Run	2228-1102	1124-0750	
Sample Duration (Minutes)	754	754	
Stack Temperature (°F)	82	83	83
Duct Moisture Content (%v/v)	1.7	2.0	1.8
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	14,700	14,200	14,500
SCFM	13,900	13,300	13,600
DSCFM	13,600	13,000	13,300
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	38.9	51.5	45.2
THC as Methane ¹	117	155	136
THC as Carbon	117	155	136
THC as Trans-1,2-Dichloroethylene	49.8	66.0	57.9
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	3.70	4.70	4.20
THC as Methane ¹	4.04	5.13	4.58
THC as Carbon	3.02	3.84	3.43
THC as Trans-1,2-Dichloroethylene	10.4	13.2	11.8

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor