

Water Gremlin

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

Table 28

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	5/26-5/27/20	5/27-5/28/20	
Time of Run	1019-0913	1143-0836	
Sample Duration (Minutes)	1374	1253	
Stack Temperature (°F)	81	81	81
Duct Moisture Content (%v/v)	2.0	1.3	1.7
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	15,800	15,900	15,800
SCFM	14,900	15,000	14,900
DSCFM	14,600	14,800	14,700
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	33.1	29.8	31.4
THC as Methane ¹	99.2	89.5	94.3
THC as Carbon	99.2	89.5	94.3
THC as Trans-1,2-Dichloroethyle	42.4	38.2	40.3
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	3.38	3.07	3.22
THC as Methane ¹	3.69	3.35	3.52
THC as Carbon	2.76	2.51	2.63
THC as Trans-1,2-Dichloroethyle	9.52	8.64	9.08

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor