

Water Gremlin

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

Table 24

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter				Average
Date of Run	5/7/20	5/8/20	5/10-5/11	
Time of Run	1018-0834	0833-2126	2221-1001	
Sample Duration (Minutes)	1336	773	700	
Stack Temperature (°F)	76	76	80	77
Duct Moisture Content (%v/v)	0.4	0.4	0.4	0.4
Volumetric Flow Rate (Rounded to 100 CFM)				
ACFM	16,100	16,100	14,800	15,700
SCFM	15,500	15,500	14,100	15,000
DSCFM	15,500	15,400	14,100	15,000
Total Hydrocarbon Concentration, PPMv - Wet				
THC as Propane	50.9	47.1	43.7	47.2
THC as Methane ¹	153	141	131	142
THC as Carbon	153	141	131	142
THC as Trans-1,2-Dichloroethylene	65.2	60.3	56.0	60.5
Total Hydrocarbon Mass Rate, LB/HR				
THC as Propane	5.42	5.01	4.24	4.89
THC as Methane ¹	5.91	5.47	4.62	5.34
THC as Carbon	4.43	4.09	3.46	3.99
THC as Trans-1,2-Dichloroethylene	15.27	14.12	11.93	13.77

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor