

Water Gremlin

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

Table 40

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	7/22-7/23/20 /23-7/24/20		
Time of Run	0900-0716	0745-0820	
Sample Duration (Minutes)	1336	1475	
Stack Temperature (°F)	79	83	81
Duct Moisture Content (%v/v)	1.6	1.9	1.8
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	15,800	15,500	15,700
SCFM	15,100	14,700	14,900
DSCFM	14,900	14,400	14,600
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	32.1	26.1	29.1
THC as Methane ¹	96.4	78.3	87.4
THC as Carbon	96.4	78.3	87.4
THC as Trans-1,2-Dichloroethyle	41.2	33.4	37.3
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	3.34	2.63	2.99
THC as Methane ¹	3.64	2.87	3.26
THC as Carbon	2.73	2.15	2.44
THC as Trans-1,2-Dichloroethyle	9.40	7.42	8.41

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor