

Water Gremlin

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

Table 23

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	5/3-5/4	5/4-5/5	
Time of Run	0938-1008	1030-0944	
Sample Duration (Minutes)	1469	1392	
Stack Temperature (°F)	78	78	78
Duct Moisture Content (%v/v)	0.6	0.7	0.6
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	15,100	15,800	15,400
SCFM	14,400	15,100	14,800
DSCFM	14,300	15,000	14,700
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	22.0	43.5	32.8
THC as Methane ¹	65.9	131	98.3
THC as Carbon	65.9	131	98.3
THC as Trans-1,2-Dichloroethylene	28.1	55.8	42.0
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	2.18	4.51	3.34
THC as Methane ¹	2.38	4.92	3.65
THC as Carbon	1.78	3.68	2.73
THC as Trans-1,2-Dichloroethylene	6.1	12.69	9.4

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor