

Water Gremlin

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

Table 22

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter	Average	
Date of Run	7/22-7/23/20	
Time of Run	0900-0716	
Sample Duration (Minutes)	1336	
Stack Temperature (°F)	79	79
Duct Moisture Content (%v/v)	1.6	1.6
Volumetric Flow Rate (Rounded to 100 CFM)		
ACFM	15,800	15,800
SCFM	15,100	15,100
DSCFM	14,900	14,900
Total Hydrocarbon Concentration, PPMv - Wet		
THC as Propane	32.1	
THC as Methane ¹	96.4	
THC as Carbon	96.4	
THC as Trans-1,2-Dichloroethyle	41.2	
Total Hydrocarbon Mass Rate, LB/HR		
THC as Propane	3.34	
THC as Methane ¹	3.64	
THC as Carbon	2.73	
THC as Trans-1,2-Dichloroethyle	9.40	

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor