

Water Gremlin

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

Table 44

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	8/10-11/20	8/11-12/20	
Time of Run	1153-0929	0952-0905	
Sample Duration (Minutes)	1295	1392	
Stack Temperature (°F)	81	81	81
Duct Moisture Content (%v/v)	1.8	1.8	1.8
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	15,500	16,400	16,000
SCFM	14,700	15,500	15,100
DSCFM	14,400	15,200	14,800
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	43.3	39.6	41.5
THC as Methane ¹	130	119	124
THC as Carbon	130	119	124
THC as Trans-1,2-Dichloroethylene	55.5	50.8	53.1
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	4.36	4.22	4.29
THC as Methane ¹	4.76	4.61	4.69
THC as Carbon	3.57	3.45	3.51
THC as Trans-1,2-Dichloroethylene	12.3	11.9	12.1

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor