

Water Gremlin

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

Table 38

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	7/14-15/20	7/15-16/20	
Time of Run	0945-0919	0954-0845	
Sample Duration (Minutes)	1413	1370	
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	16,000	15,600	15,800
SCFM	15,200	14,700	14,900
DSCFM	14,900	14,400	14,700
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	33.7	29.5	31.6
THC as Methane ¹	101	88.6	94.8
THC as Carbon	101	88.6	94.8
THC as Trans-1,2-Dichloroethylene	43.1	37.9	40.5
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	3.51	2.98	3.25
THC as Methane ¹	3.83	3.25	3.54
THC as Carbon	2.87	2.44	2.65
THC as Trans-1,2-Dichloroethylene	9.88	8.40	9.14

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor