

Water Gremlin

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

Table 43

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter			Average
Date of Run	8/4-5/20	8/5-6/20	
Time of Run	0934-0907	0931-0919	
Sample Duration (Minutes)	1412	1427	
Stack Temperature (°F)	80	81	81
Duct Moisture Content (%v/v)	1.3	1.8	1.6
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	15,600	15,300	15,400
SCFM	14,800	14,500	14,600
DSCFM	14,600	14,200	14,400
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	47.6	46.1	46.9
THC as Methane ¹	143	138	141
THC as Carbon	143	138	141
THC as Trans-1,2-Dichloroethylene	61.0	59.1	60.0
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	4.83	4.59	4.71
THC as Methane ¹	5.27	5.00	5.14
THC as Carbon	3.95	3.75	3.85
THC as Trans-1,2-Dichloroethylene	13.6	12.9	13.27

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor