

Water Gremlin

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

Table 25

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter				Average
Date of Run	5/12-5/13	5/13-5/14	5/14-5/15	
Time of Run	0729-0735	0758-0824	0823-0812	
Sample Duration (Minutes)	1446	1466	1429	
Stack Temperature (°F)	80	77	78	79
Duct Moisture Content (%v/v)	0.6	1.3	0.8	0.9
Volumetric Flow Rate (Rounded to 100 CFM)				
ACFM	14,700	15,800	15,400	15,300
SCFM	14,000	15,000	14,700	14,500
DSCFM	13,900	14,800	14,500	14,400
Total Hydrocarbon Concentration, PPMv - Wet				
THC as Propane	40.9	35.1	40.7	38.9
THC as Methane ¹	123	105	122	117
THC as Carbon	123	105	122	117
THC as Trans-1,2-Dichloroethylene	52.4	44.9	52.1	49.8
Total Hydrocarbon Mass Rate, LB/HR				
THC as Propane	3.93	3.61	4.09	3.88
THC as Methane ¹	4.29	3.94	4.46	4.23
THC as Carbon	3.21	2.95	3.34	3.17
THC as Trans-1,2-Dichloroethylene	11.1	10.2	11.5	10.9

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor