

Water Gremlin

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

Table 22

Total Hydrocarbon Results STRU 3 Stack Test 1

Parameter				Average
Date of Run	4/29-4/30	4/30-5/01	5/01-5/02	
Time of Run	0913-0843	0951-0849	0918-0904	
Sample Duration (Minutes)	1409	1377	1425	
Stack Temperature (°F)	80	78	78	79
Duct Moisture Content (%v/v)	0.7	0.6	0.7	0.7
Volumetric Flow Rate (Rounded to 100 CFM)				
ACFM	15,500	15,400	15,100	15,400
SCFM	14,700	14,600	14,300	14,600
DSCFM	14,600	14,500	14,200	14,500
Total Hydrocarbon Concentration, PPMv - Wet				
THC as Propane	38.0	37.3	26.1	33.8
THC as Methane ¹	114	112	78.2	101
THC as Carbon	114	112	78.2	101
THC as Trans-1,2-Dichloroethyler	48.6	47.8	33.4	43.3
Total Hydrocarbon Mass Rate, LB/HR				
THC as Propane	3.84	3.74	2.57	3.38
THC as Methane ¹	4.19	4.08	2.80	3.69
THC as Carbon	3.14	3.05	2.10	2.76
THC as Trans-1,2-Dichloroethyler	10.8	10.5	7.2	9.5

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor