

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	5/02-5/03	
Time of Run	0913-0843	0951-0849	0918-0904	0926-0857	
Sample Duration (Minutes)	1409	1377	1425	1410	
Stack Temperature (°F)	80	78	78	77	78
Duct Moisture Content (%v/v)	0.7	0.6	0.7	0.7	0.7
Volumetric Flow Rate (Rounded to 100 CFM)					
ACFM	15,500	15,400	15,100	15,100	15,300
SCFM	14,700	14,600	14,300	14,400	14,500
DSCFM	14,600	14,500	14,200	14,300	14,400
Total Hydrocarbon Concentration, PPMv - Wet					
THC as Propane	38.0	37.3	26.1	4.36	26.4
THC as Methane ¹	114	112	78.2	13.1	79.3
THC as Carbon	114	112	78.2	13.1	79.3
THC as Trans-1,2-Dichloroethyler	48.6	47.8	33.4	5.6	33.9
Total Hydrocarbon Mass Rate, LB/HR					
THC as Propane	3.84	3.74	2.57	0.432	2.65
THC as Methane ¹	4.19	4.08	2.80	0.471	2.89
THC as Carbon	3.14	3.05	2.10	0.353	2.16
THC as Trans-1,2-Dichloroethyler	10.8	10.5	7.2	1.2	7.5

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor