

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	
Time of Run	0913-0843	0951-0849	
Sample Duration (Minutes)	1409	1377	
Stack Temperature (°F)	80	78	79
Duct Moisture Content (%v/v)	0.7	0.6	0.7
Volumetric Flow Rate (Rounded to 100 CFM)			
ACFM	15,500	15,400	15,500
SCFM	14,700	14,600	14,700
DSCFM	14,600	14,500	14,600
Total Hydrocarbon Concentration, PPMv - Wet			
THC as Propane	38.0	37.3	37.6
THC as Methane ¹	114	112	113
THC as Carbon	114	112	113
THC as Trans-1,2-Dichloroethyler	48.6	47.8	48.2
Total Hydrocarbon Mass Rate, LB/HR			
THC as Propane	3.84	3.74	3.79
THC as Methane ¹	4.19	4.08	4.14
THC as Carbon	3.14	3.05	3.10
THC as Trans-1,2-Dichloroethyler	10.8	10.5	10.7

¹ Linear alkane response factor derived from number of carbon atoms

² Constituent result based on empirical or theoretical response factor