

**Algonquin Gas Transmission, LLC - Weymouth Compressor Station
 Natural Gas Speciation Profile (Based on 421 Extended Gas Analyses, 2011-2016)**

Pollutant Concentrations	Non-Major CPA Application Update, May 2018	
	Max Annual/Avg. Hourly	Max Hourly
TOC (Total)	100%	100%
Methane	95.26%	96.65%
Ethane	12.75%	19.56%
VOC (Total)	2.20%	9.50%
VOC (non-HAP)		
HAP (Total)	0.07%	0.22%
Acetaldehyde		
Acrolein		
Benzene	0.02%	0.08%
Biphenyl		
Butadiene (1,3-)		
Carbon Tetrachloride		
Chlorobenzene		
Chloroform		
Dichloropropene (1,3-)		
Ethylbenzene	0.01%	0.01%
Ethylene Dibromide		
Formaldehyde		
Hexane (n-)	0.04%	0.22%
Methanol		
Methylene Chloride		
Methylnaphthalene (2-)		
Naphthalene		
PAH		
Phenol		
Propylene Oxide		
Styrene		
Tetrachloroethane (1,1,2,2-)		
Toluene	0.02%	0.07%
Trichloroethane (1,1,2-)		
Trimethylpentane (2,2,4-)	0.01%	0.01%
Vinyl Chloride		
Xylenes	0.03%	0.10%