

Appendix 3.5e Flare Removal Efficiency Based on Existing WENT Monitoring Data (5-year data)

Yr/Parameter	2002	2003	2004	2005	2006	Flare Removal Efficiency			max concentration at outlet (ppmv)*
	out/input	out/input	out/input	out/input	out/input	max	min	average	
Methane	0.01%	0.00%	0.00%	0.01%	0.01%	100.00%	99.99%	99.99%	0.006
Vinyl Chloride	2.22%	0.71%	3.33%	1.88%	15.00%	99.29%	85.00%	95.37%	0.006
Benzene	1.50%	0.29%	0.83%	1.00%	6.00%	99.71%	94.00%	98.07%	0.012
Non-Methane Organic components	0.45%	0.07%	0.31%	0.31%	3.19%	99.93%	96.81%	99.13%	15

* value corrected for dry basis and corrected to 3% oxygen