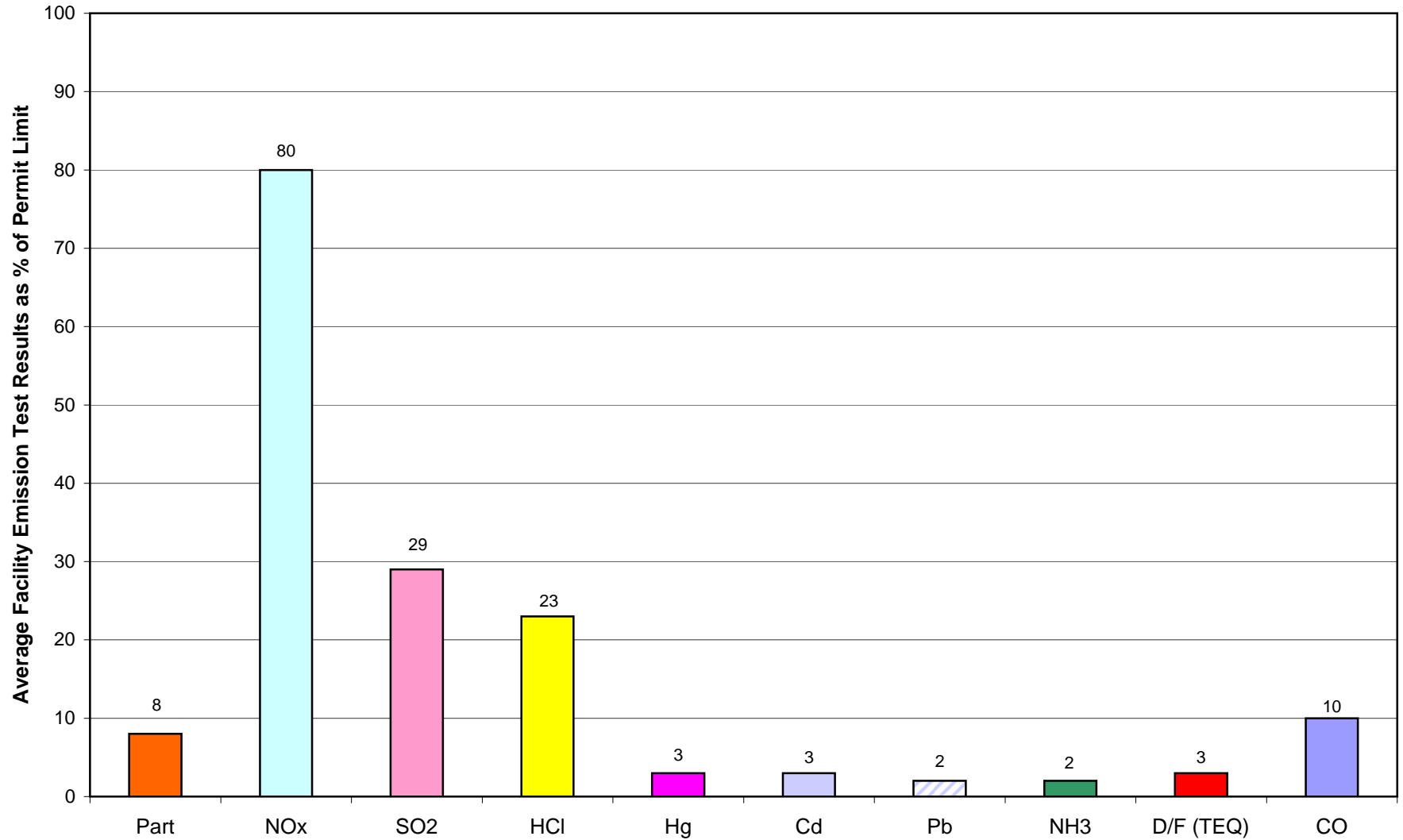


2006 ANNUAL STACK TEST RESULTS									
(regulatory compliance)									
Constituent	Average Measured Emissions					Permit Limit ¹	% of Limit ² Fac Ave	% of Limit ³ Max Unit	P/F?
	Unit 1	Unit 2	Unit 3						
Particulates (gr/dscf @ 7% O ₂)	0.000852	0.000980	0.000958			0.010	9.3	9.8	P
Particulates (mg/dscm)	1.95	2.24	2.19			27	7.9	8.3	P
Sulfur Dioxide (ppmdv @ 7% O ₂)	18.5	0.57	16.4			30	39.4	61.7	P
Sulfur Dioxide (lb/hr)	7.56	0.22	6.35			16.2	29.1	46.7	P
Nitrogen Oxides (ppmdv @ 7% O ₂)	165	161	160			180	90.0	91.7	P
Nitrogen Oxides (lb/hr)	48.3	46.6	44.9			58	80.3	83.3	P
Carbon Monoxide (ppmdv @ 7% O ₂)	3.6	5.7	4.3			45	10.1	12.7	P
Carbon Monoxide (lb/hr)	0.60	1.04	0.77			8.04	10.0	12.9	P
Polychlorinated Dibenzo-p-Dioxins and Furans									
(ng/dscm @ 7% O ₂) - Total	1.65	1.86	1.26			30	5.3	6.2	P
(µg/dscm @ 7% O ₂) - NY TEQs	0.0000329	0.0000275	0.0000121			0.0004	6.0	8.2	P
(lb/hr) - NY TEQs	4.79E-09	3.70E-09	1.85E-09			1.29E-07	2.7	3.7	P
Hydrogen Chloride (ppmdv @ 7% O ₂)	4.88	4.89	5.92			25	20.9	23.7	P
Hydrogen Chloride (lb/hr)	1.10	1.12	1.38			5.24	22.9	26.3	P
HCl Removal Efficiency (%)	99.2	99.0	99.0			>=95	104	104	P
Ammonia (ppmdv @ 7% O ₂)	0.86	1.09	0.65			50	1.7	2.2	P
Ammonia (lb/hr)	0.090	0.12	0.07			4.88	1.9	2.5	P
Cadmium (mg/dscm)	0.00044	0.00043	0.00041			0.040	1.1	1.1	P
Cadmium (lb/hr)	6.47E-05	6.41E-05	6.46E-05			1.90E-03	3.4	3.4	P
Lead (mg/dscm)	0.00637	0.00377	0.00410			0.44	1.1	1.4	P
Lead (lb/hr)	9.43E-04	5.57E-04	6.45E-04			3.81E-02	1.9	2.5	P
Mercury (µg/dscm @ 7% O ₂)	1.90	4.63	1.65			28	9.7	16.5	P
Mercury (lb/hr)	0.000280	0.000682	0.000257			0.012	3.4	5.7	P
Mercury Removal Efficiency (%)	98.0	96.9	97.8			>=85	115	115	P
PM ₁₀ (gr/dscf @ 7% O ₂)	N	0.000852	0.000980	0.000958		0.010	9.3	9.8	P
PM ₁₀ (lb/hr)	N	0.26	0.33	0.32		3.16	9.6	10.4	P
>>> Testing performed May 8-11, 2006									
¹ Permit limits obtained from Covanta Onondaga, LP, New York State Department of Environmental Conservation Title V Permit Number 7-3142-00028/00009, issued 1/8/2002 with Mod 1 effective date of 3/24/2003									
² Calculated as the average of the three unit test runs (each unit result is an average of three replicate test runs) over the Permit limit expressed as a percent; for limits involving >=, the minimum value was used									
³ Calculated as the maximum of the three unit test runs (each unit result is an average of three replicate test runs) over the Permit limit expressed as a percent; for limits involving >=, the minimum value was used									
Units:									
gr/dscf = grains per dry standard cubic foot									
ppmdv = parts per million dry volume									
lb/hr = pounds per hour									
ng/dscm = nanograms (billionth's of a gram) per dry standard cubic meter									
µg/dscm = micrograms (millionth's of a gram) per dry standard cubic meter									
N = For 2006 separate PM-10 was not performed; PM-10 conservatively assumed to be 100% of Total Particulate									

2006 Average Facility Air Emissions Test Results

Onondaga County Resource Recovery Facility



Comparison: Long-Term Facility Average vs. 2006 Test Results

Onondaga County Resource Recovery Facility

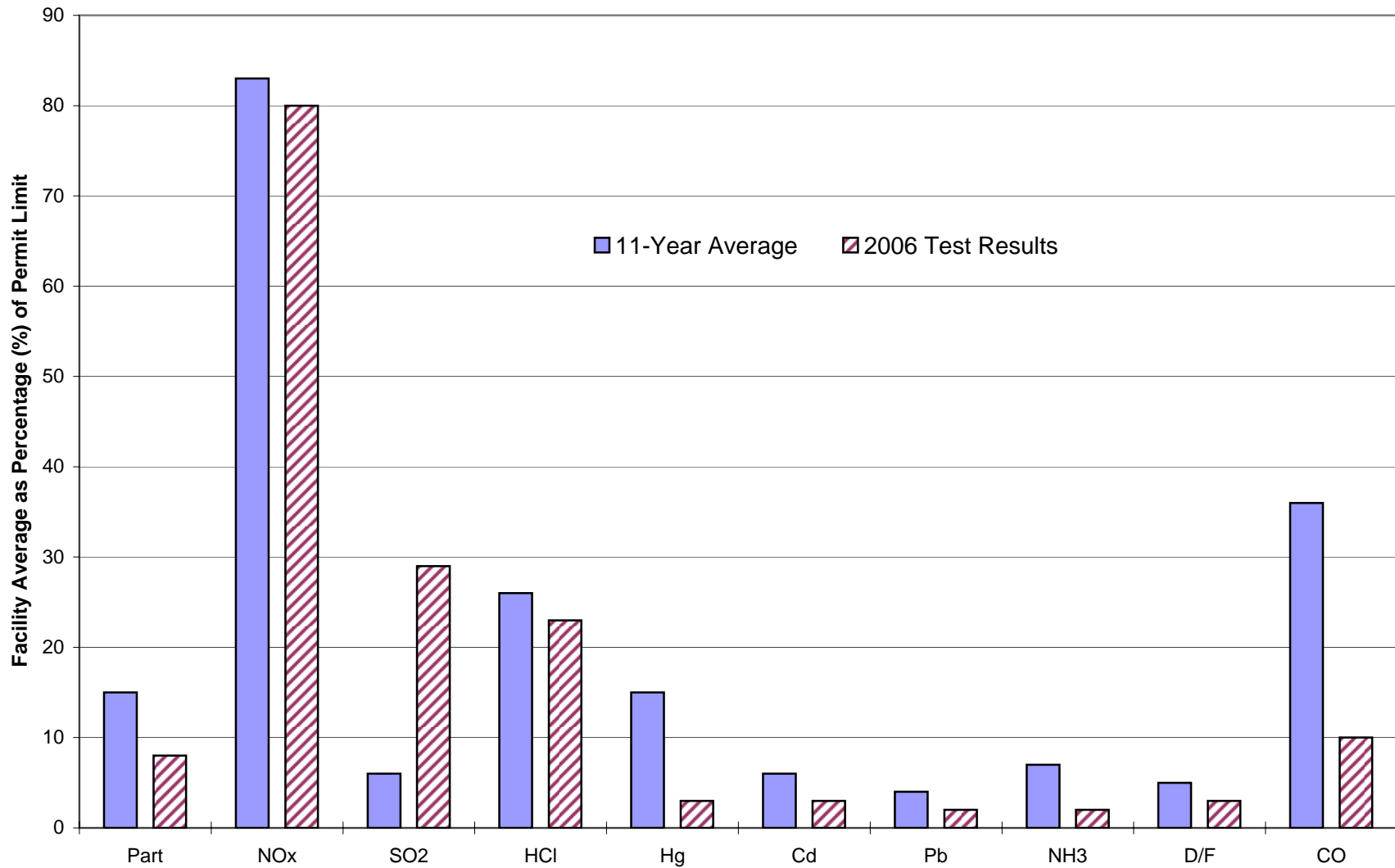


Figure 27. Mercury Emissions & Control System Effectiveness

Onondaga County Resource Recovery Facility

