

Table 5

Queens Fresh Meadows Facility
67-10 192nd St., Flushing, NY 11365

ACTUAL EMISSION ESTIMATES - GAS FIRING

Subpart 201-9

Significant Mass Emission Rates for Persistent, Bioaccumulative and Toxic Compounds

CAS Number	Contaminant Name	Allowable Emissions	Actual Emissions (1)
		(pounds per year)	
000050-00-0	Formaldehyde	100	21.51
000056-23-5	Carbon tetrachloride	100	--
000062-53-3	Aniline	1000	--
000064-67-5	Diethyl sulfite	100	--
000067-66-3	Chloroform	100	--
000071-43-2	Benzene	100	0.60
000074-90-8	Hydrogen cyanide	500	--
000075-01-4	Vinyl chloride	100	--
000075-07-0	Acetaldehyde	1,000	--
000075-09-2	Dichloromethane	5000	--
000075-21-8	Ethylene oxide	25	--
000075-36-5	Acetyl chloride	1000	--
000077-78-1	Dimethyl sulfate	250	--
000078-87-5	Propylene dichloride	1000	--
000079-00-5	1,1,2 Trichloroethane	100	--
000079-01-6	Trichloroethylene	1000	--
000079-06-1	Acrylamide	1	--
000079-11-8	Chloroacetic acid	1000	--
000079-34-5	1,1,2,2-tetrachloroethane	1000	--
000079-46-9	2-nitropropane	5000	--
000091-22-5	Quinoline	25	--
000091-94-1	3,3'-dichlorobenzidine	25	--
000092-87-5	Benzidine	1	--

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		(pounds per year)	
000095-53-4	O-toluidine	5000	--
000096-09-3	Styrene oxide	1	--
000096-45-7	Ethylene thiourea	100	--
000097-93-8	Triethylaluminum	1000	--
000100-44-7	Benzyl chloride	25	--
000106-93-4	1,2-dibromoethane	5	--
000106-99-0	1,3-butadiene	25	--
000107-02-8	Acrolein	5	--
000107-06-2	1,2-dichloroethane	100	--
000107-13-1	Acrylonitrile	25	--
000107-18-6	Allyl alcohol	1000	--
000109-86-4	2-methoxy ethanol	5000	--
000120-82-1	1,2,4 trichlorobenzene	5000	--
000122-66-7	Diphenyl hydrazine	5	--
000127-18-4	Perchloroethylene	1000	--
000302-01-2	Hydrazine	0.1	--
000542-75-6	1,3-dichloropropene	500	--
000593-60-2	Vinyl bromide	500	--
000625-31-0	4-penten-2-ol	500	--
001336-36-3	Polychlorinated biphenyls (PCBs)**	0.1	--
001395-21-7	Subtilisins	0	--

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		(pounds per year)	
001746-01-6	2,3,7,8 TCDD TEF* Polychlorinated Dibenzodioxins** Polychlorinated Dibenzofurans**	0.0001	--
002465-27-2	Auramine	0.1	--
007440-62-2	Vanadium	25	--
007550-45-0	Titanium tetrachloride	0.1	--
007632-00-0	Sodium nitrite	1000	--
007784-42-1	Arsine	25	--
009014-01-1	Subtilisins, fermentation product	0	--
018540-29-9	Chromium (VI)	0.1	--
	Pesticide, herbicide, rotenticide, insecticide***	0	--
	Polycyclic organic matter (POM)**	1	--
	Cadmium compounds	25	0.24
	Manganese compounds	10	0.49
	Beryllium compounds	1	0.24
	Nickel compounds	10	0.24
	Diisocyanate compounds	25	--
	Mercury compounds	5	0.24
	Arsenic compounds	1	0.33
	Chromium compounds	250	0.24
	PTFE (decomposition)	0	--

* Toxic equivalency factor for dibenzodioxin and dibenzofuran defined by the USEPA.

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		(pounds per year)	

** See the definition in Part 200 of this Title.

*** Aldrin/Dieldrin (000309-00-2), Chlordane (000191-24-2 and 012789-03-6), DDE (000072-55-9), DDT (000050-29-3), Heptachlor (000076-44-8), Hexachlorobenzene (000118-74-1), Isodrin (000465 73-6), Methoxychlor (000072-43-5), Octachlorostyrene (029082-74-4), Pendimethalin (040487-42-1), Pentachlorobenzene (000608-93-5), Tetrabromobisphenol A

(1) Based on Actual for natural gas and #2-oil firing