Table 3-6
Seneca Meadows, Inc.
Landfill Expansion DGEIS
Existing Landfill Emissions (All Sources)
2004 Actual Emissions

	Seneca Meadows								*Seneca Energy*							
	NMOC TPY	VOC[5] TPY	CO TPY	NOx TPY	SO_2 TPY	PM-10 TPY	HAP TPY	HCl TPY	NMOC TPY	VOC[5] TPY	CO TPY	NOx TPY	SO_2 TPY	PM-10 TPY	HAP TPY	HCl TPY
Primary Emissions																
Flares Combustion Emissions[1]																
Emission Unit 1-LFGAS, Process ID GAS (flares)	0.3	0.04	3.2	1.3	0.11	0.08	0.07	0.06								
Engines Combustion Emissions[2]																
Excess gas beyond current control capacity (engines or flares)									15	5.9	336	163	0.5	1.9	3.5	1.9
Heating Equipment Emissions[1]																
Emission Unit E-10001, Process ID E01		0.0004		0.04	0.70	0.01	0.01									
Emission Unit E-10001, Process ID E02			0.01	0.04	0.001	0.001										
Fugitive Landfill Gas Emissions (2004) (Existing, AB, and SELF)[1]																
Emission Unit 1-LFGAS, Process ID FUG (fugitive emissions from the landfill areas)	55	22					9									
Emission Unit 1-SOILS, Process ID FG1		1.0														
Storage Tank Emissions[1]																
Emission Unit 1-LEACH, Process ID EVP		0.11														
Emission Unit E-10001, Process ID E03		0.01														
Emission Unit E-10001, Process ID E04		0.17														
TO Combustion Emissions from Off-Gasing[1]	0.003	0.001					0.001									
Secondary & Non-Applicable Fugitive Emissions																
Mobile Source Combustion Emissions (Oper. & Constr.)[3]																
ORV Combustion Emissions (Oper.)[3]																
ORV Combustion Emissions (Constr.)[3]																
ORV PM Emissions (Oper.)[4]						142										
ORV PM Emissions (Constr.)[4]						3.6										
Road Dust Emissions (Oper.)[4]						34.6										
Road Dust Emissions (Constr.)[4]						11.7										

	PERMITTED EMISSIONS Seneca Meadows								*PERMITTED EMISSIONS Seneca Energy*							
Primary Emissions																
Flares Combustion Emissions[6]																
Emission Unit 1-LFGAS, Process ID GAS (flares)	11	4.4	189	78	6.3	4.4	12.4	4.8								
Engines Combustion Emissions[7]									15	5.9	500	200	0.5	1.9	3.5	1.9

Notes:

[1] Data referenced from the 2004 Annual Emission Statement Report prepared by CRA for Seneca Meadows and dated April 14, 2005.
[2] Data referenced from the report titled, "Title V Permit Application, Relocation and Expansion of LFGTE Facility," dated April 16, 2005, prepared by CRA for Seneca Energy II, LLC.
[3] Since PM emissions of equipment in the areas were calculated using AP-42 equation for bulldozing, based on upwind/downwind sampling done during development of the emission factors, individual combustion emissions for the equipment were not calculated.
[4] PM-10 emissions were calculated based on activities performed at the landfill (based on information provided by Seneca Meadows) and using equations in "AP-42, Fifth Edition, Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources," January 1995 plus updates.
[5] VOCs are calculated as 39% of NMOC when data not available, per AP-42.
[6] Data referenced from the Title V Permit Application Report prepared by EMCON for Seneca Meadows and dated December 1998.
[7] CO and NOx data referenced from the existing Title V Permit; all other values remain same as actual.

CO	Carbon dioxide.	LFG	Landfill gas.	Oper.	Operations	TO	Thermal oxidizer.
Constr.	Construction	LFGTE	Landfill-gas-to-energy.	PM	Particulate matter.	TPY	Tons per year.
HAP	Hazardous air pollutant.	NMOC	Non-methane organic compound.	SELF	Southeast Landfill	VOC	Volatile organic compounds.
HCl	Hydrogen chloride.	NOx	Nitrogen oxides.	SO_2	Sulfur dioxide.		