

Air Emission of Various HAPs in Eugene

The following is a list of various Hazardous Air Pollutants (HAPs) that are currently emitted in Eugene and that will be emitted by the proposed Seneca Cogeneration Plant. These pollutants were chosen, because Seneca will emit a large amount of them and they are especially damaging to our health. Many of them are known carcinogens. All of them cause heart and lung damage.

Highlights to note:

- The power plant would be Eugene’s largest source of styrene (a carcinogen), acetaldehyde (a carcinogen), hydrogen chloride (causes respiratory illnesses), & naphthalene (a carcinogen). All sources are in West Eugene.
- The power plant would be the 3rd largest source of formaldehyde (a carcinogen) and all 9 existing emitters are located in West Eugene.
- The power plant will be the 4th largest emitter of toluene (a carcinogen). 19 of the 21 sources of toluene are in West Eugene.

Key:

	= West Eugene Source
	= Non W. Eugene Source
	= Seneca Cogen Plant

Acetaldehyde/ethanal	Tons/year
Proposed Seneca Cogen Plant	1.28
States Industries	0.417
Forbo Adhesives	0.001

Formaldehyde	
Flakeboard	32.3
Emerald Forest Products	8.2715
Proposed Seneca Cogen Plant	1.7
Veneer Tech	1.26
States Industries	0.405
Western Structures	0.054
Lanz Cabinet	0.008
Whittier Wood	0.0025
Forbo Adhesives	0.002
Forrest Paint	0.0005

Hydrogen Chloride	
Proposed Seneca Cogen Plant	1.04

Naphthalene

Proposed Seneca Cogen Plant	0.15
Newood Display Fixtures	0.03
Forrest Paint	0.002
Lanz Cabinets	0.001

Styrene

Proposed Seneca Cogen Plant	2.94
Forrest Paint	0.004

Toluene

Forrest Paint	4.034
Gheen Irrigation Works	3.465
Bulk Handling Systems	2.708
Proposed Seneca Cogen Plant	1.42
King Retail Solutions	1.266
Lanz Cabinets	0.868
Atlas Cylinder	0.2815
Henry Manufacturing	0.2815
Western Pneumatics	0.232
Whittier Wood	0.1845
Griffith Rubber Mills	0.171
Willamette Valley Company #2	0.1105
Lake Irrigation	0.1085
A&K Development Co.	0.095
Veneer Tech	0.0565
Knights Fabrication and Welding	0.0255
Industrial Publishing	0.0115
Purakal Cylinders	0.007
Newood Display Fixtures	0.0035
Molecular Probes	0.0025
Scientific Developments	0.002
Cascade Plating & Machine	0

Source: The data was obtained from the City of Eugene's Toxic Right to Know Database 2007