

CATEGORY	FACTOR	COMMENTS
	organotin compounds	reference 5
	tributyltin-compounds	insufficient information
	trifluralin	carcinogen, insufficient information , reference 5
	other hazardous substances	human health, flora, fauna
	particle emissions	climate change, human health, historical sites
	odour	human health
	noise	
WATER	aldehydes	
	furfural	hazardous substance, hazardous waste, human health, aquatic life
	ammonia	hazardous substance, aquatic life, human health, water quality, reference 3
	chlorine	hazardous substance, poison, aquatic life, human health, reference 3
	heavy metals (lead)	human health, fauna, aquatic life, reference 2
	persistent organic pollutants	reference 4 & 5
	chlordane	carcinogen, hazardous substance, hazardous waste, priority toxic, pollutant, human health, aquatic life
	fenthion	insufficient data
	toxaphene	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, human health, fauna, aquatic life
	organohalogen compounds	reference 5
	aldrin	carcinogen, hazardous substance hazardous waste, priority toxic pollutant, human health aquatic life
	carbon tetrachloride	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, fauna, aquatic life, human health
	DDT and other derivatives	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, fauna, human health, aquatic life
	dichloroanilines (2,3;2,4;2,5;3,4)	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, human health, fauna, aquatic life
	dieldrin	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, human health, fauna, aquatic life
	endosulfan	hazardous substance, hazardous waste, priority toxic pollutant, human health , aquatic life
	endrin	hazardous substance, hazardous waste, priority toxic pollutant, human health , aquatic life
	hexachlorobenzene (HCB)	carcinogen, hazardous waste, priority toxic pollutant,, flora, fauna, human health, aquatic life
	hexachlorocyclohexane (lindane)	carcinogen, hazardous waste, priority toxic pollutant, human health and safety, no data for fauna, aquatic life
	pentachlorophenol	hazardous substance, hazardous waste, priority toxic pollutant, human health, aquatic life
	tetrachloroethylene	carcinogen, hazardous waste, priority toxic pollutant, human health, aquatic life
	trichlorobenzenes	priority toxic pollutant, insufficient data to human health, aquatic life
	1,1,1-trichloroethane	hazardous substance, priority toxic pollutant, human health and safety, fauna, aquatic life
	organophosphorus compounds	reference 5
	dichlorvos	hazardous substance, human health, aquatic life
	fenitrothion	volatile, insufficient information, aquatic life
	malathion	hazardous substance, human health, aquatic life
	parathion	hazardous substance, hazardous waste, human health, aquatic life
	other pesticides not listed	aquatic life
	trifluralin	carcinogen, human health, aquatic life, reference 5

CATEGORY	FACTOR	COMMENTS
	nutrients C/N/P	water quality, aquatic life
	total organic carbon (TOC)	
	biological oxygen demand(BOD)	
	chemical oxygen demand (COD)	
	dissolved oxygen	
	suspended solids	
	dissolved solids	
	total solids	
	temperature	
	change in pH	
	colour	
	odour	
CLIMATE	changes in ambient air temperature	
	particle emissions	
	greenhouse gas emissions	
FLORA	changes in natural vegetation	pollutants, project location
	disturbance of aquatic habitat	
	disturbance of plant habitat	
	disturbance of natural vegetation	
	decrease in biodiversity	
	impact of threatened species	
	changes in species population	
	changes in aquatic food web	
	changes in mammal food web	
	impact on protected areas	
FAUNA	disturbance of wildlife habitat	pollutants, project location
	decrease in biodiversity	
	impact on threatened species	
	changes in species population	
	impact on threatened area	
	changes in mammal food web	
SOIL	soil acidification	heavy metals, other pollutants
	soil contamination	PCDDs, organochlorine compounds
LANDSCAPE	land use changes	
	visual aspects	
	physical composition	
	impact on sensitive lands	
HISTORICAL MONUMENTS	changes to historical sites	acid rain pollution

CATEGORY	FACTOR	COMMENTS
HUMAN HEALTH & SAFETY	changes in ambient noise levels	
	changes in disease incidence	
	increase risk of cancer	
	risk of spills	
	risk of surface water contamination	
	risk of ground water contamination	
	risk of explosions	
CULTURAL HERITAGE	cultural changes	
	land use changes	
	way of life	
SOCIO-ECONOMIC	changes to well being of life	
	changes to quality of life	
	quality of recreational facilities	
	quantity of recreational facilities	
	present use of natural resources	
	potential use of natural resources	
	employment opportunity	
	economic development - transboundary	

References

1. Proceedings of the EMEP Workshop on Emission Inventory Techniques, Regensburg, Germany, 2-5 July, 1991, EMEP/CCC-Report 1/91
2. Economic Commission for Europe Convention of Long-range Transboundary Air Pollution, Task Force on Heavy Metal Emissions, June 1994
3. Economic Commission for Europe, Convention on the Transboundary Effects of Industrial Accidents
4. Economic Commission for Europe, State of Knowledge Report of the UN ECE Task Force on Persistent Organic Pollutants
5. Recommendations to ECE Governments on the Prevention of Water Pollution from Hazardous Substances