

Project 6G - Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations

Comments:

CATEGORY	FACTOR	COMMENTS
AIR	aerosols	ozone
	ammonia	hazardous substance, aquatic life, human health, water quality, reference 3
	ethylene oxide	potential occupational carcinogen, hazardous waste, flammable, reference 3
	organohalogen compounds	reference 5
	carbon tetrachloride	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, human health, aquatic life
	1,2-Dichloroethane	carcinogen, hazardous waste, priority toxic pollutant, human health, aquatic life
	hexachlorobutadiene	carcinogen, hazardous waste, priority toxic pollutant, human health, aquatic life
	tetrachloroethylene	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, human health, aquatic life
	1,1,1-trichloroethane	hazardous waste, priority toxic pollutant, human health, aquatic life
	trichloroethylene	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, human health, aquatic life
	non methane volatile organic compounds (NMVOC)	greenhouse gases, flora, human health, reference 1
	phosgene	hazardous substance, hazardous waste, poison gas, human health, reference 3
	other hazardous substances	
	particle emissions	human health, flora, historical sites
	odour	human health
WATER	ammonia	hazardous substance, aquatic life, human health, water quality, reference 3
	organohalogen compounds	reference 5
	carbon tetrachloride	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, human health, aquatic life
	1,2-Dichloroethane	carcinogen, hazardous waste, priority toxic pollutant, human health, aquatic life
	hexachlorobutadiene	carcinogen, hazardous waste, priority toxic pollutant, human health, aquatic life
	tetrachloroethylene	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, human health, aquatic life
	1,1,1-trichloroethane	hazardous waste, priority toxic pollutant, human health, aquatic life
	trichloroethylene	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, human health, aquatic life
	phosphates	eutrophication of freshwater, undesirable environmental effects
	nutrients C/N/P	water quality, aquatic life
	other hazardous substances	
	biological oxygen demand (BOD)	aquatic life, water quality
	chemical oxygen demand (COD)	
	dissolved oxygen	
	suspended solids	
	dissolved solids	
	total solids	
temperature		
change in pH	aquatic life, water quality	
CLIMATE	changes in ambient air temperature	
	smog	
	greenhouse gas emissions	

CATEGORY	FACTOR	COMMENTS
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	
FAUNA	impact on protected areas	pollutants, project location
	disturbance of wildlife habitat	
	decrease in biodiversity	
	impact on threatened species	
	changes in species population	
	impact on threatened area	
SOIL	changes in mammal food web	heavy metals, other pollutants
	soil acidification	
	soil contamination	
LANDSCAPE	pH of soil	other pollutants
	land use changes	
	visual aspects	
	physical composition	
impact on sensitive lands		
HISTORICAL MONUMENTS	changes to historical sites	acid rain, soiling, staining
HUMAN HEALTH & SAFETY	changes in ambient noise levels	
	changes in colour of air	
	changes in disease incidence	
	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