

Project 6H - Manufacture of other chemical products not elsewhere classified

Comments:

CATEGORY	FACTOR	COMMENTS
AIR	ammonia	hazardous substance, aquatic life, human health, water quality, reference 3
	aerosols	ozone
	acrylonitril	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, aquatic life, human health, reference 3 , 4 , 5
	chlorine	hazardous substance, poison, human health, aquatic life, reference 3
	ethylene oxide	potential occupational carcinogen, hazardous waste, flammable, reference 3
	heavy metals	reference 2
	hydrogen cyanide	hazardous substance, hazardous waste, poison gas, flammable, human health, reference 3
	hydrogen fluoride	hazardous substance, hazardous waste, corrosive, human health, reference 3
	hydrogen sulphide	hazardous substance, hazardous waste, flammable gas, poison, human health, aquatic life, reference 3
	methane	greenhouse gas, flora, reference 1
	non-methane volatile organic compounds (NMVOC)	flora, human health, greenhouse gases, reference 1
	organohalogen compounds	reference 5
	organophosphorus compounds	
	organotin compounds	
	oxides of nitrogen (NOx)	acid rain, flora, fauna, historical sites, human health, reference 1
	oxides of sulphur (SOx)	
	persistent organic pollutants	reference 4
	phosgene	hazardous substance, hazardous waste, poison gas, human health, reference 3
	photochemical oxidants	ozone, climate change
	other hazardous substances	human health, flora, fauna
particle emissions	human health, flora, historical sites, climate change	
odour	human health	
WATER	ammonia	hazardous substance, aquatic life, human health, water quality, reference 3
	acrylonitril	carcinogen, hazardous substance, hazardous waste, priority toxic pollutant, aquatic life, human health, reference 3 , 4 , 5
	chlorine	hazardous substance, poison, human health, aquatic life, reference 3
	heavy metals	reference 2
	hydrogen sulphide	hazardous substance, hazardous waste, flammable gas, poison, human health, aquatic life, reference 3
	organohalogen compounds	reference 5
	organophosphorus compounds	
	organotin compounds	
	nutrients C/N/P	aquatic life, water quality
	oil products	
	other hazardous substances	
	biological oxygen demand (BOD)	
	chemical oxygen demand (COD)	
	total organic carbon (TOC)	
	suspended solids	

CATEGORY	FACTOR	COMMENTS
	dissolved solids	aquatic life, water quality
	total solids	
	temperature	
	change in pH	
CLIMATE	changes in ambient air temperature	
	smog	
	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	
LANDSCAPE	land use changes	
	visual aspects	
	physical component	
	impact on sensitive lands	
HISTORICAL MONUMENTS	changes to historical sites	acid rain, staining, soiling
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