



POPs PROFILE INFORMATION REPORTING FORM



Form 2 Dioxins and Furans

**Send filled form to
UNEP Chemicals**

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Country (or region) NEW ZEALAND	Contact person Howard Hellis
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IMPORTANT: See instructions before filling the form

SECTION 1. Have studies been undertaken to identify the major sources of dioxins/furans in your country?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<u>Comments:</u> A dioxins emissions inventory ("country profile") is being prepared. This is primarily a desktop study based on an international understanding of industrial processes and emission potentials, but supplemented by industry-specific NZ data. The study will be made available to UNEP in September 1998. As the study is not yet complete, section 2 is commented on only in part	
<u>Reference:</u>	
<u>Date:</u>	

SECTION 2. POTENTIAL OR IDENTIFIED MAJOR SOURCES OF DIOXINS AND FURANS IN YOUR COUNTRY				
Sources	Quantity released per year	Relative importance Major/Minor	Alternative processes or techniques(e.g. cleaner technologies) known to you	Relative cost and effectiveness of the alternative techniques
Asphalt mixing installations		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
By-products of chlorinated substances manufacture		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Cable incineration		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Chemical industry		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Coal combustion		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Contaminated pesticides [from past manufacture of 2,4,5-T at one factory]		Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Forest/grass fire		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Fuel combustion		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
High temperature processes		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Wastes incineration		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Industrial processes		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Ironworks		Major <input type="checkbox"/> Minor <input type="checkbox"/>		

SECTION 2. POTENTIAL OR IDENTIFIED MAJOR SOURCES OF DIOXINS AND FURANS IN YOUR COUNTRY				
		<i>continued</i>		
Sources	Quantity released per year	Relative importance Major/Minor	Alternative processes or techniques(e.g. cleaner technologies) known to you	Relative cost and effectiveness of the alternative techniques
Landfill gas incineration		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Non-Fe metal industry oil combustion		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Other contaminated chemicals (e.g. PCBs)		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Pesticides [from past PCP use]		Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Sintering processes		Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Sludge incineration		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Steel industry		Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Traffic emissions		Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Transportation		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Waste incineration (<u>Hazardous</u>) 1 only		Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Waste incineration (Municipal solid)		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Waste incineration (Medical solid)		Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Wood combustion		Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Other: _ Pulp & Paper manufacture		Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		

SECTION 3. RELEASE MONITORING		
	Monitoring type	Short description(add separate page if needed)
3.1	Ambient air Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3.2	Ground water Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.3	Surface water Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3.4	Point air Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3.5	Point water Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.6	Soil Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3.7	Ecosystem Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3.8	Human Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3.9	Agricultural commodity Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.10	Food products Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
<u>Comments:</u> Full details on the above section will be supplied in September 1998		
<u>Data Source:</u>		

SECTION 4. REGULATORY ACTIONS TAKEN TO CONTROL THE USE OF THE POP			
	Action type to control the manufacture, importation, distribution in commerce, use or disposal	Short description (add separate page if needed)	Reference
4.1	Public health standards or regulations <input type="checkbox"/> <input checked="" type="checkbox"/>	NZ has an "interim guideline" health standard (based on WHO TDI of 10 pg/kg body wt/day I-TEQ. A NZ regulatory standard will be developed by Dec 1999	
4.2	Occupational standards or regulations <input type="checkbox"/>		
4.3	Environmental standards or regulations <input type="checkbox"/> <input checked="" type="checkbox"/>	A NZ regulatory standard will be developed by Dec 1999. This will regulate emission levels to the environment from industrial processes	
4.4	Guidance Document <input type="checkbox"/> <input checked="" type="checkbox"/>	Assessment of potentially contaminated sawmill sites where PCP (dioxin impurity) was used for fungicidal protection and/or timber preservation	"Health & Environmental Guidelines for Selected Timber Treatment Chemicals". Ministry for the Environment, Ministry of Health, June 1997
4.5	Voluntary programme <input type="checkbox"/>		
4.6	Other (e.g., Governmental order) <input type="checkbox"/>		
4.7	No action <input type="checkbox"/>		
<u>Comments:</u> _____ _____ _____			
<u>Data Source:</u> _____			