

Guide for Completing Controlled Waste Consignment Authorisation (CWCA) Form

A CWCA form must be completed for all controlled waste entering the Northern Territory. For controlled waste going from NT to another State or Territory the appropriate consignment authorisation must be obtained from that jurisdiction. Contact details of the relevant agencies in other jurisdictions can be obtained online at:

<http://www.ephc.gov.au/node/19>

The Consignment Authorisation (CA) number issued as a result of this application can only be used for one load unless multiple loads are specified. The Northern Territory Environment Protection Authority (NT EPA) must authorise the use of the nominated number for multiple loads. All the loads specified must be received by the disposal facility within the time period specified by NT EPA when issuing the CA number. If the number of loads or the time frame is to be more than specified NT EPA must be notified and either a new application made or the time on the existing authorisation adjusted.

The CWCA Form is available online at:

<http://www.ntepa.nt.gov.au/environment/waste/guidelines/index.html>

Waste Description

A full description of the waste is required by NT EPA. This can be attached to the CWCA form. The waste description must include:

- a) Information regarding the source of the waste including a description of the process which generated the waste and whether it is a one off of unknown origin or blended from more than one source;
- b) The type of material which makes up the bulk of the waste and the constituents which render it a controlled waste (terms such as cyanide waste or hydrocarbons are not acceptable);
- c) A quantitative chemical analysis of the material, this especially applies to any components which make it a controlled waste;
- d) The form of waste i.e. liquid, sludge, solid, liquid and solid or soil; and
- e) Documentary evidence to support any requests for exemptions.

The more information that is provided enables NT EPA staff to make a decision on acceptance of the waste into NT.

Waste Codes

The Waste type and Waste origins codes are a shorthand representation of the controlled wastes defined in the National Environment Protection (Movement of Controlled waste Between States and Territories) Measure (Controlled Waste NEPM). A list of the Codes is provided in Appendix 1. Any significant contaminants should also be listed.

UN number and Dangerous goods classification

If the waste is classified as dangerous goods, the dangerous goods class number, subsidiary risk, UN number, packaging group, bulk/number of packages and type of packaging must be entered.

This information is in the *Australian Dangerous Goods Code for the Transport of Dangerous Goods by Road and Rail* (is available at the Department of Transport and Regional Services web site:

<http://www.infrastructure.gov.au/transport/australia/dangerous/index.aspx>)

Controlled waste transporter

The full name of the transporter must be entered. Abbreviations can sometimes be confusing as some transport companies have sections with similar sounding names but they may not be connected. This can make it difficult for NT EPA staff to make enquiries and thus slow the process of issuing the authorisation

The current carrier licence or permit number enabling the transporter to carry controlled waste must be given. For the purposes of the interstate transport of a controlled waste there is a mutual recognition agreement. The NT will recognise a license issued to a transporter by the jurisdiction of origin of the waste for the transport of that waste into NT. However a Waste Transport Certificate must be obtained from NT EPA for the transport of any controlled waste within the NT. That includes to and from the NT border.

Where waste is to be transported into the NT by a mixture of methods/carriers the licence number of the transporter carrying out the road transport phase within the NT must be provided. The licence number of a transporter in the jurisdiction of origin who transfers the material to ship, rail or air outside the NT is not acceptable. Where a controlled waste is brought into the NT by a method other than road transport, the transporter moving that material to the disposal facility within the NT must be a licensed transporter within the NT.

Controlled waste facility

The name of the controlled waste facility and the site location must be given as some companies have more than one treatment site or facility in the NT.

The treatment or immobilisation mechanism for the controlled waste must be identified. Where controlled waste is to be treated a more detailed description of the treatment method must be submitted to NT EPA.

Additional details must be provided where a controlled waste is brought into the NT for treatment which may produce a subsequent waste stream requiring other disposal options.

Submission of CWCA form

CWCA forms should be submitted by mailing to:

Environmental Operations
Northern Territory Environment Protection Authority
GPO Box 3675
Darwin NT 0801

or by emailing to:

Environmentops@nt.gov.au

Further Information

For further enquiries or to provide comments on this guide please contact:

Environmental Operations
Northern Territory Environment Protection Authority
GPO Box 3675
Darwin NT 0801

Phone: (08) 8924 4218

Fax: (08) 8924 4053

Email: Environmentops.@nt.gov.au

Revision Register

First: April 2011

Revised: January 2013

Appendix 1 Waste Codes

Waste code	Waste code name	Waste description
A100	Waste from surface treatment of metals & plastics	Waste from metals & plastics treatment
A110	Cyanide waste from heat treatment & tempering operations	Cyanide waste from heat treatment & tempering
A130	Cyanides (inorganic)	Complexed cyanides (inorganic) Inorganic isocyanates Other cyanides (inorganic)
B100	Acidic solutions or acids in solid form	Sulfuric acid Hydrochloric acid Nitric acid Phosphoric acid Chromic acid, sodium dichromate Hydrofluoric acid Sulfuric/hydrochloric acid mixtures Mixed acids (inorganic) Organic acids Pickle liquor Acids nos
C100	Basic solutions or bases in solid form	Alkaline cleaners, potash, caustic soda Ammonium hydroxide Waste lime & cement (no metallic constituents) Caustic neutralised waste (metallic constituents) Other alkaline waste (inorganic) Other alkaline waste (organic)
D100	Metal carbonyls	Metal carbonyls
D110	Inorganic fluorine compounds excluding calcium fluoride	Inorganic fluorine compounds
D120	Mercury; mercury compounds	Fluorescent lamps Equipment & articles containing mercury nos Mercury & mercury compounds nos
D130	Arsenic; arsenic compounds	Arsenic & arsenic compounds
D140	Chromium compounds (hexavalent and trivalent)	Chromium compounds (hexavalent & trivalent)
D150	Cadmium; cadmium compounds	Nicad batteries Cadmium & cadmium compounds
D160	Beryllium; beryllium compounds	Beryllium & beryllium compounds
D170	Antimony; antimony compounds	Antimony & antimony compounds
D180	Thallium; thallium compounds	Thallium & thallium compounds
D190	Copper compounds	Copper compounds
D200	Cobalt compounds	Cobalt & cobalt compounds
D210	Nickel compounds	Spent catalysts (nickel) Nickel compounds nos
D220	Lead; lead compounds	Lead acid batteries Gritblast waste Lead & lead compounds nos
D230	Zinc compounds	Zinc ash/dust, galvaniser's ash Zinc compounds
D240	Selenium; selenium compounds	Selenium & selenium compounds
D250	Tellurium; tellurium compounds	Tellurium & tellurium compounds
D270	Vanadium compounds	Vanadium compounds, n.o.s.
D290	Barium compounds (excluding barium sulphate)	Barium & barium compounds

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Waste code	Waste code name	Waste description
D300	Non toxic salts	Aluminium dross, aluminium smelter waste Salt slag Non-metallic product Non-toxic salts nos
D310	Boron compounds	Boron & boron compounds
D330	Inorganic sulfides	Inorganic sulfur containing compounds
D340	Perchlorates	Perchlorates
D350	Chlorates	Chlorates
D360	Phosphorus compounds excluding mineral phosphates	Phosphorus & phosphorus compounds (inorganic)
E100	Waste containing peroxides excluding hydrogen peroxide	Oxidising agents
E120	Explosive waste not subject to other legislation	Explosive waste not subject to other legislation
F100	Waste ink, dye, pigment, paint, lacquer & varnish	Paints, inks, etc (aqueous non-flammable vapours) Paints, inks, etc (aqueous, flammable vapours) Paints, inks, etc (solvent combustible FP<60.5C) Paints, inks, etc (solvent combustible FP>60.5C) Paint residues nos
F110	Waste resin, latex, plasticiser, glue & adhesive	Adhesives, glues, etc (aqueous non-flammable vapours) Adhesives, glues, etc (aqueous flammable vapours) Adhesives, glues, etc (solvent combustible FP<60.5C) Adhesives, glues, etc (solvent combustible FP>60.5C) Uncured adhesives or resins nos Cured adhesives or resins nos Adhesives, glues, etc nos
G100	Ethers	Ethers
G110	Organic solvents excluding halogenated solvents	Klenasol (non-chlorinated) Non-halogen organic solvents (flammable FP<60.5C) Non-halogen organic solvents (combustible FP>60.5C) Non-halogenated organic solvents nos
G150	Halogenated organic solvents	Klenasol 75/25 Perchloroethylene (tetrachloroethylene) (liquid) Dry cleaning sludge (containing perchloroethylene) Trichloroethylene Halogen organic solvents (flammable FP < 60.5C) Halogen organic solvents (combustible FP>60.5C) Halogen organic solvents (non-combustible/non-flammable vapours) Halogenated organic solvents nos
G160	Waste from production formulation & use of organic solvents	Waste from production & formulation of organic solvents Solvent recovery residues

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Waste code	Waste code name	Waste description
		Organic solvents & solvent residues nos
H100	Waste biocides and phytopharmaceuticals	Inorganic & organo-metallic pesticides Nitrogen containing pesticides Organochlorine pesticides Sulfur containing pesticides Biological pesticides Mixed pesticide residue
H110	Organic phosphorous compounds	Organo phosphorus pesticides Organic phosphorus compounds
H170	Waste wood-preserving chemicals	Copper-Chrome-Arsenic (CCA) Organic wood preserving compounds Other inorganic wood preserving compounds
J100	Waste mineral oils	Mineral oils unfit for their original intended use Oil filters Transformer fluids (excluding PCB's) Waste hydrocarbons
J120	Waste oil/hydrocarbons mixtures/emulsions in water	Vehicle washwaters Boiler blowdown sludge Cooling tower washwaters Textile effluent & residues nos Industrial plant washwaters Ethylene glycol-water (antifreeze) Oil/hydrocarbon (<50%) mixed with water Oil/hydrocarbon (>50%) mixed with water Other (cutting oils, soluble oils) Oil/hydrocarbon mixed with water nos
J160	Waste tarry residues	Tars & tarry residues
K100	Animal effluent & residues-abattoir, poultry, fish	Abattoir effluent Animal effluent & residues (poultry & seafood) Animal oils & derivatives (e.g. tallow) Food processing effluent nos
K110	Grease trap waste	Grease interceptor trap waste - domestic Grease interceptor trap waste - industrial
K120	Liquid food waste	Vegetable oils & derivatives Vegetable & fruit processing effluent Other liquid food waste
K130	Sewage sludge & residues	Bacterial sludge (septic tank) Night soil Sewerage sludge & residues
K140	Tannery waste incl. leather dust/ash/sludge/flour	Tannery wastes containing chromium Tannery wastes (no chromium)
K190	Wool scouring wastes	Wool scouring waste
M100	Waste substances & articles cnt PCB, PCN, PCT, PBB	Oil, solvents & materials contaminated with PCB Equipment containing PCBs Polychlorinated biphenyls (PCBs) nos Equipment containing PCNs, PCTs and PBBs PCNs, PCTs and PBBs
M150	Phenols, phenol compounds including chlorophenols	Phenols & phenol compounds incl. chlorophenols
M160	Organohalogen compounds not elsewhere listed	Hexachlorobenzene (HCB) Refrigerants

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		Halogenated organic compounds nos
M170	Polychlorinated dibenzo-furan (any congener)	Polychlorinated dibenzo-furans (any congener)
M180	Polychlorinated dibenzo-p-dioxin (any congener)	Polychlorinated dibenzo-p-dioxins (any congener)
M210	Cyanides (organic)	Cyanides (organic)
M220	Isocyanate compounds	Isocyanates (organic)
M230	Triethylamine catalysts for setting foundry sands	Triethylamine catalyst for setting foundry sands
M250	Surfactants containing principally organic constituents	Surfactants
M260	Odorous organic chemicals incl. mercaptans & acrylates	Odorous organic compounds including mercaptans, acrylate Methacrylates (excluding solid inert polymeric material) Organic sulfur compounds nos
N100	Containers & drums containing controlled waste residues	Drums containing waste which must be tracked Other containers containing waste which must be tracked Aerosol cans
N120	Soils contaminated with a controlled waste	Contaminated soil Contaminated demolition waste
N140	Fire debris and fire washwaters	Fire washwaters
N150	Fly ash	Fly ash
N160	Encapsulated, chemically-fixed, solidified, polymer wastes	Encapsulated waste Chemically fixed waste Solidified or polymerised waste
N190	Filter cake	Filter cake
N205	Industrial waste treatment/disposal residues	Scrubber sludge Ion-exchange column residues Ind waste treatment sludges and residues nos Residues from pollution control operations nos
N220	Asbestos	Asbestos
N230	Ceramic-based fibres similar to asbestos	Ceramic fibres with asbestos-like properties
R100	Clinical and related wastes	Clinical and related wastes Sharps Pathogenic substances
R120	Waste pharmaceuticals, drugs and medicines	Pharmaceuticals and residues
R130	Cytotoxic	Cytotoxic substances
R140	Waste from prod & prep of pharmaceutical products	Waste from pharmaceuticals production
T100	Waste arising from R&D or teaching activities	Waste chemicals from R&D or teaching Waste from domestic chemical collections
T120	Photographic chemicals & processing waste	Photographic waste containing silver Photographic waste (no silver) Photographic waste nos
T140	Tyres	Used tyres
R150	Quarantine waste	Quarantine waste
T200	Dangerous goods nos	Explosive compounds nos Highly reactive chemicals n.o.s.

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Z100	Organic compounds nos	Aliphatic nitrogen compounds (including amines) Aromatic nitrogen compounds (including amines) Heterocyclic organic compounds Non-halogenated organic compounds nos
Z110	Inorganic compounds nos	Silver & silver compounds Alkali metals & their compounds Titanium & titanium compounds Lithium & lithium compounds Other inorganic compounds & complexes
Z120	Industrial waste nos	Reducing agents Spent catalysts nos Smelter waste nos
Z130	Inert sludges or slurries	Inert sludges or slurries
Z140	Non-controlled liquids	Non-controlled liquids
Z990	Not characterised	Not characterised
X900	Reserved	Reserved

Source: <http://www.environment.nsw.gov.au/owt/wclist.htm>