

**THIS IS FACT SHEET ONE IN A SERIES.
READ THIS FIRST FOR GENERAL INFORMATION
THEN GO TO SPECIFIC FACT SHEETS LISTED
BELOW //**

This series of fact sheets has been put together to provide targeted information on your responsibilities, as well as the responsibilities of other parties (e.g. the council, contractors, buyers and vendors of property) in managing the potential risks from contaminated land.

If you have any questions please contact your local council in the first instance (contact details provided on the rear of this brochure).

Other fact sheets in the series:

FACT SHEET 2 //

Are You Buying or Selling a Contaminated Site?

FACT SHEET 3 //

Are You About to Subdivide or Change the Landuse for a Contaminated Site?

FACT SHEET 4 //

Are You Carrying Out Earthworks on a Contaminated Site?

FACT SHEET 5 //

Are You Interested In Consent Conditions for Contaminated Sites?



WasteMINZ and the Contaminated Land Management Sector Group would like to acknowledge the contributions from URS and Tonkin & Taylor in the production of these resources.

// CONTACT DETAILS

**ARE YOU UNDERTAKING ANY OF
THE FOLLOWING ACTIVITIES?**

- // Earthworks
- // Subdivision
- // Change of land use
- // Buying or selling a property
- // Applying for resource consent

**HAVE YOU CONSIDERED THE POTENTIAL FOR
YOUR PROPERTY TO BE CONTAMINATED WITH
HAZARDOUS SUBSTANCES?**



- // Earthworks
- // Subdivision
- // Change of land use
- // Buying or selling a property
- // Applying for resource consent

If you are carrying out any of the above activities on a property it is important that you establish whether contamination is an issue. In some cases, you may need to carry out investigations to determine the actual levels of contamination across a site, if any. Failure to do so in the initial stages of planning your activity could lead to unwelcome delays in consenting processes, increased costs or penalties.

Contaminated land is land that contains hazardous substances at levels that can harm people and the environment, over the short or long term. This fact sheet includes a list of hazardous activities and industries that can be used as a guide to determine if your property might be contaminated.

People can be exposed to hazardous substances through breathing vapours or dust from the soil; eating food grown in contaminated soil and through direct contact with contaminated soil. The environment may be affected by contamination of groundwater or the discharge of contaminated sediment to nearby water bodies.

District, City and Regional Councils collect information about sites that may have been contaminated as a result of land use. It is recommended that you contact both your local and regional council to see if your site is known to have been associated with a hazardous activity or land use.

// HAZARDOUS ACTIVITIES AND INDUSTRIES LIST (HAIL)¹

This list provides guidance on industries and activities which typically use or store hazardous substances that could potentially cause contamination if these substances were not managed properly. Remember that the activity may only have occupied a small part of the site, and therefore the possibility of contamination may also be for a small part of the site. The presence of an activity or industry on this list does not necessarily guarantee that the site is contaminated.

- > Abrasive blasting
- > Acid/alkali plant
- > Agrichemical spray contractor's premises
- > Airports
- > Analytical laboratory sites
- > Asbestos products
- > Asphalt or bitumen manufacture or bulk storage
- > Battery manufacture or recycling
- > Brake lining manufacturers, repairers and recyclers
- > Cement or lime manufacturing
- > Cemeteries
- > Chemical manufacture and formulation and bulk storage
- > Coal and coke yards
- > Concrete manufacture and bulk cement storage
- > Defence works and defence establishments
- > Drum and tank reconditioning or recycling
- > Dry cleaning plants
- > Electrical transformers
- > Electronics manufacturing & reconditioning
- > Engine reconditioning
- > Explosive production or bulk storage
- > Fertiliser manufacture
- > Foundry operations
- > Gasworks
- > Gun, pistol or rifle ranges
- > Iron and steel works
- > Landfill sites
- > Livestock dip or spray race operations
- > Market gardens, orchards, or glass houses
- > Metal treatment or coating
- > Mining and mineral processing
- > Motor vehicle workshops
- > Paint manufacture and formulation
- > Pest control
- > Pesticide manufacture
- > Petroleum or petrochemical industries
- > Pharmaceutical manufacture
- > Port activities
- > Power stations and switchyards
- > Commercial printing
- > Railway yards
- > Sawmills
- > Scrap yards
- > Service stations
- > Smelting or refining
- > Tannery, fellmongery or hide curing
- > Transport depots
- > Storage tanks and drum storage for fuel, chemicals and liquid waste
- > Waste storage, treatment and/or disposal
- > Wood treatment and preservation and bulk storage of treated timber
- > Wool, hide and skin merchants
- > Any site that has been, or could be, subject to the migration of hazardous substances from hazardous substances present in soil or water on adjacent sites
- > Any other facility or activity that stores, uses or disposes of hazardous substances, in sufficient quantity that intentional or accidental discharge of the substance could be a risk to human health or the environment.

¹ From the Ministry for the Environment's Contaminated Land Management Guidelines – Schedule A: Hazardous Activities and Industries List (HAIL) (January 2004)