

# LLUR

## Listed Land Use Register

### Site categories and definitions

Following verification of a Hazardous Activities and Industries List (HAIL) site with the property owner, Environment Canterbury assigns the site a category on the Listed Land Use Register.

*If analytical information from the collection of samples is not available, and the presence or absence of contamination has therefore not been determined, the site is registered as:*

#### **Not Investigated:**

A site whose past or present use has been reported and verified as one that appears on the Hazardous Activities and Industries List (HAIL); and, The site has not been subjected to investigation including, but not limited to, sampling and analysis of site related soil, water and/or ambient air, and assessment of the associated analytical data.

This category is for sites for which it is known that an activity or use as defined in the HAIL has taken place on the site, but there is insufficient information to characterise any risks to human health or the environment from those activities undertaken on the site. Contamination may have occurred, but should not be assumed to have occurred.

*Or, if analytical information from the collection of samples is available:*

#### **At or below background concentrations:**

The site has been investigated or remediated. The investigation or post remediation validation results confirm that there are no hazardous substances above local background concentrations. Local background concentrations are those that occur naturally in the area. The investigation or validation sampling has been sufficiently detailed, in terms of locations sampled and analytes tested, to characterise the site.

#### **Below guideline values for <land use>:**

The site has been investigated. The investigation sample results demonstrate that there are hazardous substances present at the site, but indicate that any adverse effects or risks to people and/or the environment are considered to be so low as to be acceptable. The site may have been remediated to reduce contamination to this level, and post remediation validation samples confirm this.

### **Managed for <land use>:**

The site has been investigated. Investigations demonstrate that there are hazardous substances present at the site in concentrations that have the potential to cause adverse effects or risks to people and/or the environment. However those risks are considered managed because:

- i) the nature of the use of the site prevents human and/ or ecological exposure to the risks; and/or
- ii) the land has been altered in some way and/or restrictions have been placed on the way it is used which prevent human and/or ecological exposure to the risks.

### **Partially investigated:**

The site has been partially investigated. Investigations have been conducted that:

- i) demonstrate that there are hazardous substances present at the site; however, there is insufficient information to quantify any adverse effects or risks to people or the environment; or
- ii) do not adequately verify the presence or absence of contamination associated with all HAIL activities that are and/or have been undertaken on the site.

### **Significant Adverse Environmental Effects:**

The site has been investigated. Results demonstrated that sediment, groundwater or surface water contains hazardous substances that:

- i) have significant adverse effects on the environment; or
- ii) are reasonably likely to have significant adverse effects on the environment

### **Contaminated (for <land use>):**

The site has been investigated. Results demonstrated it is land of one of the following kinds:

- (a) if there is an applicable national environmental standard on contaminants in soil, the land is more contaminated than the standard allows; or
- (b) if there is no applicable national environmental standard on contaminants in soil, the land has a hazardous substance in or on it that:
  - (i) has significant adverse effects on the environment; or
  - (ii) is reasonably likely to have significant adverse effects on the environment

(s2 RMA 1991)

**Please contact Environment  
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