

Site History Checklist

National Environmental Standard For Assessing And Managing Contaminants In Soil To Protect Human Health Regulations 2011 (NES)

The following questions are designed to provide information that will allow Council to assess the potential for contamination on the site for the purpose of building consent and/or resource consent.

A.1 APPLICANT DETAILS

Given Names: Surname:

Postal address:

Phone: (Day) Cellphone:

E-mail

Location:

Legal Description:

A.2 SITE HISTORY QUESTIONNAIRE

- i. Please complete the table below to provide a clear history of land uses and activities that have been undertaken on the site, both past and present. Please ensure that as much history as possible is provided and that all gaps in knowledge are identified.

Land Use/Activity	Years		Contaminants of concern	Notes
	From	To		

ii. Please provide details of all buildings on the site and their past and present uses:

iii. Are there any surface or groundwater resources on the site?

iv. Are there any existing resource consents or permits, either with the Regional or District Council, in relation to this property?

v. Please detail the existing and historical uses of the land adjoining this site if known:

vi. Please provide details of reviewed aerial photography in relation to this site:

vii. Please provide any additional anecdotal information relating to this property e.g. *local knowledge of the site from site staff or residents*:

viii. Are there, or have there ever been, fuel storage tanks on site? If yes, please provide details:

ix. Have any other chemicals ever been stored on site? If yes, please provide details:

x. Please describe the topography of the site, soil type (if known) and include details of any streams, water bodies or flood prone areas (a site map should also be provided).

xi. Has any fill ever been imported to the site? If yes, please provide details of source site(s), location, depth and extent (please identify affected area(s) on site map).

xii. If the property has been used for farming activities:

a). How, where and how much fuel has been stored on site?

b). What is the fertilizer history (bulk storage locations and quantity, fertilizer type(s), application frequency and rate)? Provide details of super phosphate fertilizer use on this site including years of application, frequency (e.g. annually) and rate (e.g. 350kg/ha)

c). What livestock dipping and drenching operations have been carried out? Identify the locations of any sheep dips.

d). Have there been any farm dumps on the property? If so please provide details of location, material dumped.

Additional Comments:

Site History Information – Cadmium

If you live rurally and you're applying for consent to:

- Change the land use e.g. put a new dwelling on vacant land
- Subdivide
- Disturb the soil

Chances are we will require some information from you on the history of super phosphate fertilizer application to the land. This will help us to assess whether there could be elevated levels of Cadmium in the soil.

What is Cadmium?

Cadmium is a heavy metal found in all super phosphate fertiliser. It is an impurity in phosphate rock which is used to make this fertiliser and is therefore unintentionally applied to the land during fertiliser application.

Cadmium is persistent in the environment and builds up in the soils over long periods of time. It can have adverse health effects at elevated levels.

Why are we asking?

In January 2012, new legislation called the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011, better known as the NES, came into effect.

The Ministry for the Environment lowered the allowable level for Cadmium in soils in a rural/residential setting to 0.8mg/kg with the introduction of the NES. The majority of Waikato soils according to current research, are at, or fast approaching, this value. Waikato District Council must therefore address the potential for this type of contamination through land development.

What information will Council require?

Council will require information on:

- Historical land use eg dry stock; dairy farming
- Topography eg flat; undulating
- Rate, frequency and years of super phosphate fertiliser application

Please provide as much history as possible.

We can then use this information to determine if your property has the potential for elevated levels of Cadmium in the soil.

What if Cadmium levels might be elevated on my property?

If it is deemed that the Cadmium levels on your property could breach the NES soil contaminant standard described above, then you will be required to provide council with a Preliminary Site Investigation Report. Further information on what this is, can be found at www.mfe.govt.nz/publications/hazardous/contaminated-land-mgmt-guidelines/guideline-1.pdf

All reports must be undertaken by someone suitably qualified to carry out this investigation and the report will need to comply with Ministry for the Environment Contaminated Land Management Guidelines.