

# Industrial or Trade Processes

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## ■ Introduction

This fact sheet outlines the pollution prevention requirements for sites undertaking an industrial or trade process. Some sites will need to develop an environmental management plan and others will need resource consent to operate and/or devices to treat their stormwater.

The Auckland Regional Council's (ARC) Industrial Pollution Prevention Programme works with businesses to find ways to minimise any adverse effects their activities could have on the environment.

## ■ The Proposed Auckland Regional Plan

The Proposed Auckland Regional Plan: Air, Land and Water (PARP: ALW) guides\* the ARC's management of industrial or trade processes. The plan has specific provisions for industrial or trade processes, ranging from general pollution prevention requirements for all sites to the need for some sites to apply for resource consent.

The provisions aim to ensure that businesses control contaminants so that they do not cause pollution of land or water.

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\* Note: Under the Resource Management Act 1991(RMA 1991) and the Auckland Transitional Regional Plan (TRP) sites cannot discharge contaminants without consent. As there are no policies or rules for these sites in the TRP, the ARC uses the PARP: ALW provisions for guidance.

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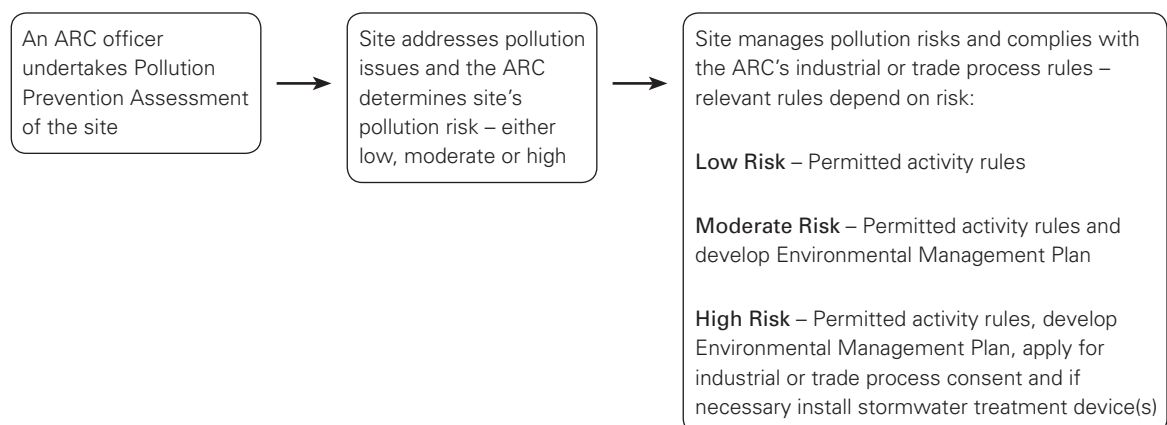
## ■ Pollution Risk

Schedule 3 of the PARP: ALW categorises sites as low, moderate or high risk for pollution. The risk level is determined by on-site activities, facilities and stores and how much land area is exposed to contaminants from the site's operations. The exposed land area is called the site's 'activity area', and is defined at the start of Schedule 3. Areas without risk of contaminants being released (e.g. indoor areas that discharge to the trade-waste system) are not included when calculating the activity area.

An ARC Pollution Prevention Assessment (PPA) is the first step in assessing the pollution risk of an activity and the action needed to address it. See the fact sheet "Pollution Prevention Assessments" for further information.

## ■ What industrial or trade processes need to do

Industrial or trade processes need to address their pollution risks (e.g. those identified during the Pollution Prevention Assessment) and, depending on the risk level, take further action to manage on-going risks.





High risk businesses need to comply with the industrial or trade processes permitted activity rules in the PARP: ALW unless their resource consent allows otherwise. These rules include the development of an Environmental Management Plan (EMP).

An EMP, also referred to as a Pollution Prevention Plan, outlines the way a business will manage the site to minimise pollution risks (see the ARC's "Environmental Management Plan fact sheet or request a copy of the guide).

To help businesses identify pollution prevention options and raise environmental performance, the ARC has developed a series of pollution prevention industry guides.

High-risk sites (and any other site that does not address on-going pollution issues) will also need to apply for an industrial or trade process resource consent. Application forms are available online at [www.arc.govt.nz](http://www.arc.govt.nz) or upon request.

Some sites may also need to install a stormwater treatment device depending on the type and amount of contaminants in the stormwater that runs off the site. Businesses are likely to need specialist advice for site specific needs.

Appropriate stormwater treatment devices are outlined in the ARC's technical publication no 10, "Stormwater Treatment Devices: Design Guidelines Manual (TP10)". This is also available at [www.arc.govt.nz](http://www.arc.govt.nz). All stormwater treatment device designs should be reviewed and approved by the ARC before installation.

## ■ How much will it cost?

Industrial or trade processes will need to cover the costs of any actions needed to address pollution issues (although the initial ARC Pollution Prevention assessment is usually at no cost). Developing an EMP and applying for consent will require company time and many sites will need specialist advice. For sites that require stormwater treatment devices there will be costs involved in design, installation and on-going maintenance.

## ■ What are the benefits?

Many pollution prevention options bring benefits such as increased productivity and reduced waste. In addition, sites that control their pollution risks are less likely to have spills or pollution incidents; this brings a wide range of benefits such as avoiding product losses, clean-up costs and downtime, as well as reduced risks of abatement notices, fines or prosecution, and soil contamination.

## ■ For more information

The ARC has a range of fact sheets and industry guidelines designed to help you comply with the requirement that you manage your site's pollution risks. Copies are available online at [www.arc.govt.nz](http://www.arc.govt.nz) or upon request. Topics include:

- Land and Water Pollution: Legal Background and Implications for Businesses
- Pollution Prevention Assessments

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