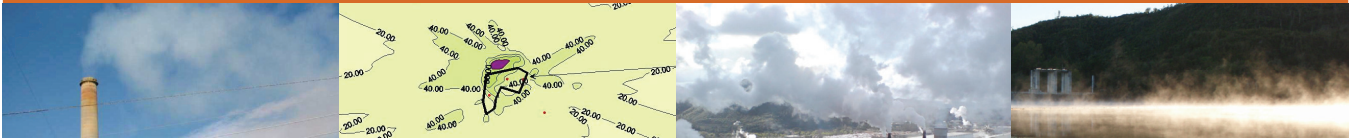


Our Services

Air Quality and Odour Management



At PDP, we provide specialist services in air quality assessments for odour, gaseous or particulate emissions from industrial, trade or agricultural operations.

Air quality services that we provide include:

- ▶ Air Quality Testing: Testing of stack discharge, ambient air conditions, indoor air chemistry, soil gas
- ▶ Air Quality Modelling: Assessment of environmental impact and risk using gaussian dispersion models, such as AUSPLUME
- ▶ Odour Assessment and Control: Investigation of odour problems, design of odour control system
- ▶ Resource consents: Preparation of assessments of environmental effects to obtain resource consents for air discharge and subsequent monitoring of air discharges, to meet resource consent conditions.

Typical PDP projects:

- ▶ Preparation of assessment of effects for discharges to air for industrial operations, such as bitumen plants, LPG boilers and barley juice dryers.
- ▶ Measurement and modelling of hazardous vapours entering buildings from the ground, and design and construction supervision of under-floor vapour barriers.
- ▶ Exposure risk assessment for aerosol emissions produced from the spray irrigation of municipal wastewater.
- ▶ Assessment of modelled odour exposure data resulting from pulp mill emissions, co-ordination of odour annoyance survey, validation of Dutch odour dose-response functions for nearby communities. Assessment of odour control options.
- ▶ Investigation of vinyl chloride gases from contaminated groundwater and design and construction of under-floor synthetic vapour barriers with groundwater collection pipework beneath a warehouse.

Contact us for more information on our air quality services or to discuss how we can help you with your project.