

## FACT SHEET

### Trade Waste & Automotive Trades



Trade wastewater from the motor industry contains petroleum hydrocarbons, solids, flammable liquids, metals and chlorinated solvents and phenols. These substances can affect the health and safety of Council workers, damage plumbing and the wastewater system, upset Council's treatment processes and our ability to produce good quality recycled water and biosolids. Some of these chemicals also have the potential to cause explosions.

Council's requirements and conditions for accepting trade wastewater helps to:

- ✓ Protect people working in and around the wastewater system.
- ✓ Protect rivers, waterways and oceans from harmful discharges.
- ✓ Protect the wastewater system and treatment plants from damage.
- ✓ Encourage waste minimisation, cleaner production and water efficient practices.

The goal of trade waste control programs is to promote an appropriate service to industrial and commercial customers and protect the community, the environment, the sewerage system and the wastewater treatment process. This is achieved by regulating trade waste generators and ensuring that effective waste management practices and appropriate pollutant control technologies are used.

#### Pollutants from motor trades

Source	Possible Effects
<b>Petroleum hydrocarbons</b> Diesel, petrol, solvents, liquefied petroleum gas, engine oil, grease and degreasers contain petroleum hydrocarbons.	Release flammable or explosive gases at the premises or in sewers, toxic to aquatic life.
<b>Road grime, underbody mud and engine grit</b>	Deteriorates mechanical equipment such as pumps and valves form deposits in the sewer and causes overflow accumulation in pumping stations, causing blockages and overflows on your site.
<b>Metals</b> Lead, zinc, copper, nickel and aluminium are found in radiators, engine parts, catalytic converters, batteries and the residue from chemically cleaning engine blocks.	Contaminated sewage by-products interfere with sewage treatment processes toxic to humans, animals and plants.
<b>Chlorinated solvents</b> Chlorinated solvents are found in decarbonising solutions and degreasers.	Toxic to humans and damages plastic drainage fittings.

Liquid trade waste enquires: [trade.waste@lismore.nsw.gov.au](mailto:trade.waste@lismore.nsw.gov.au)

For a complete list of commercial trade wastewater processes, read our *Liquid Trade Waste Policy and Liquid Trade Waste Management Plan*.