

MAP CODE
MNTC

SCHEDULED MAINTENANCE & REPAIRS

USE

Noise
Risk Management
Stormwater
Pollution Prevention

What

- A regular program of maintenance for vehicles and equipment on site.
- Hydraulic, transmission and engine oil and coolant leaks from vehicles and equipment are some of the most common spills at aggregate operations. A burst hydraulic hose on a large piece of mining equipment can pump tens of litres of hydraulic fluid into the environment in the few seconds before the operator can react and stop the equipment.

Purpose

- Reduce the number of equipment breakdowns, amount of down time and frequency of spills or fuel leaks.
- Improve safety and protect water quality.

Where

YES: Applies to all equipment, vehicles, storage areas, buildings and safety equipment.

Materials, Equipment & Costs

- ✂ Lubricants, operating fluids, paints, building materials.
- ✂ Mechanic or labourer.
- \$ Low.



Plans & Specs

- Schedule vehicle maintenance to reduce oil, fuel and coolant leaks.
- Vehicles and machinery require regular maintenance to ensure operator safety.
- Ensure that mufflers, shock absorbers and other noise reducing features are kept in excellent operating condition. This action will help reduce the potential for employee hearing loss, as well as minimize off-site noise impacts and protect surface and ground water quality.

Maintenance

- Preventative maintenance can reduce the quantity and frequency of spills.
- Plan to fix equipment before it breaks by regularly replacing worn hoses and other consumable parts.
- Develop an individual maintenance program for each vehicle and piece of equipment according to amount of use and potential spill hazard.

Sources

Johnson, K. Editor (1999d): **Spill Plan**; in Sand & Gravel General Permit. *Washington State Department of Ecology*, Water Quality Program, URL <<http://www.ecy.wa.gov/programs/wq/sand/spillpln.html>>, June 2001.