ATTACHMENT J
ACCIDENT PREVENTION & EMERGENCY RESPONSE

J. Contingency Arrangements

1. Fire

Goff Recycling Ltd propose the following fire preventative and action measures:

- Current and future electrical installations are to be flame proof and installed and tested to the highest international standards.
- An inventory of fire extinguishers will be located at strategic points throughout the site. These fire extinguishers will be serviced and checked on a scheduled basis.
- Goff Recycling Ltd is served by a mains supply for water usage and there are fire hydrants located around the site (see Site Layout Plan).
- Goff Recycling Ltd will establish a written emergency procedure, which will be communicated to all employees as part of the environmental management system
- Emergency contact numbers (including after hours numbers) are to be posted at locations throughout the building in the event of an emergency situation.

In the event of a small localised fire outbreak during working hours, Goff Recycling Ltd staff would attempt to put out the fire. Should the fire become uncontrollable, Goff Recycling Ltd staff will call out the fire brigade and evacuate the building.

1.1 Firewater run-off

The water used to extinguish a fire (fire-water), will contain dilute quantities of chemicals affected by the fire. Unless the contaminated fire-water can be retained on site, it can cause pollution to surface water, sewers, soil and groundwater. If a significant risk exists for fire-water to leave a site and cause pollution, then a Risk Management Programme must be implemented. This programme will outline the actions that must be taken in order to reduce the risk of fire-water polluting the environment.

A Risk Management Programme will typically include the implementation of management systems and engineering controls to reduce or eliminate potential hazards or sources of pollution. Engineering techniques to help minimise the spread of fire-water contamination include;

- Underground storage tanks
- Above ground storage tanks
- Mixture of 1 & 2 above
- Cut off valves on sumps
- Absorbent booms and materials

The Goff Recycling Ltd site will consist of a waste management site with some acceptance and storage certain WEEE materials.

In both areas of the site, the environmentally best and most practical option for potential fire-water handling is to contain the liquid inside the buildings where the fire may occur. This will be achieved with the help of raised concrete ramps and absorbent booms where necessary to be created at the entrances to the buildings and in particular the garage area where chemicals will be stored for routine vehicle maintenance. Therefore in the unlikely event of a fire break out, all associated fire-water will be contained locally inside the respective buildings. The only area where chemicals are stored is the garage area and thus this building would have the potential for producing the most contaminated fire-water. However, very little flammable materials are stored here. It is very unlikely that a fire break out in any building would spread to other buildings due to the fact that very little flammable substances are stored at the site.

2. Spillages

Goff Recycling Ltd only handle dry, solid, non-hazardous waste and WEEE materials. Therefore the risks of spillages are low. Potential spillages will be divided into two categories (small and large spills).

Minor spillages (<20 litres) should be cleaned up using spill kits located at strategic areas around the site, especially in the garage area where minor and routine servicing will be carried out. Spill kits will be installed as part of on-going site improvements. Potential major spills (>20 litres) should be contained in the proposed bunded areas of the site (inside the garage area) where engine, hydraulic, gear and lubrication oils are stored. Spills occurring inside site buildings will be classed as minor spills and will be treated using spill kits. Any wash downs occurring inside the Unit 3 building will be contained inside by using the building as a bunded area with the aid of booms and concrete ramps at the building entrance and the liquids will be collected in the underground storage tank.

In summary Goff Recycling Ltd propose the following spillage preventative and action measures:

- All diesel storage and use will occur off-site at controlled depots.
- A liquid quarantine waste area will be designated at the facility (inside Unit 3 building). This storage area will be bunded to 110% of the capacity of the largest tank or drum within the bunded area or 25% of the total volume of substance which could be stored within the bunded area.
- The use of spill kits will be investigated and installed at various points around the facility.
- A spillage procedure will be developed and initiated at the facility as part of the environmental management system (EMS).

3. Emergency Equipment Breakdown

In the event of normal process equipment breakdown e.g. balers, compactors and weigh-bridge all associated site operations would stop. There would be no expected significant environmental emissions to air, ground, sewer, surface water etc.

Goff Recycling Ltd will employ appropriate personnel to maintain/repair site equipment.

The site typically processes 85 tonnes of waste daily. In the event of equipment malfunction there will be adequate storage space at the site for waste standby prior to further processing.

4. Emergency Contact Numbers

The site is monitored by staff during working hours. There are alarms in place in the building units during closure. A list of contact numbers (including after hours) for site personnel in the case of an emergency occurring will be displayed at the entrance gates.