

C.T SKIP HIRE

Compound 4, Drome Road

Deeside Industrial Estate

Deeside, Flintshire, CH52LR

Fire Prevention & Mitigation Plan

Carl Thompson

Owner/Responsible Person

Phone 07930229294

Section 1 – Site Details

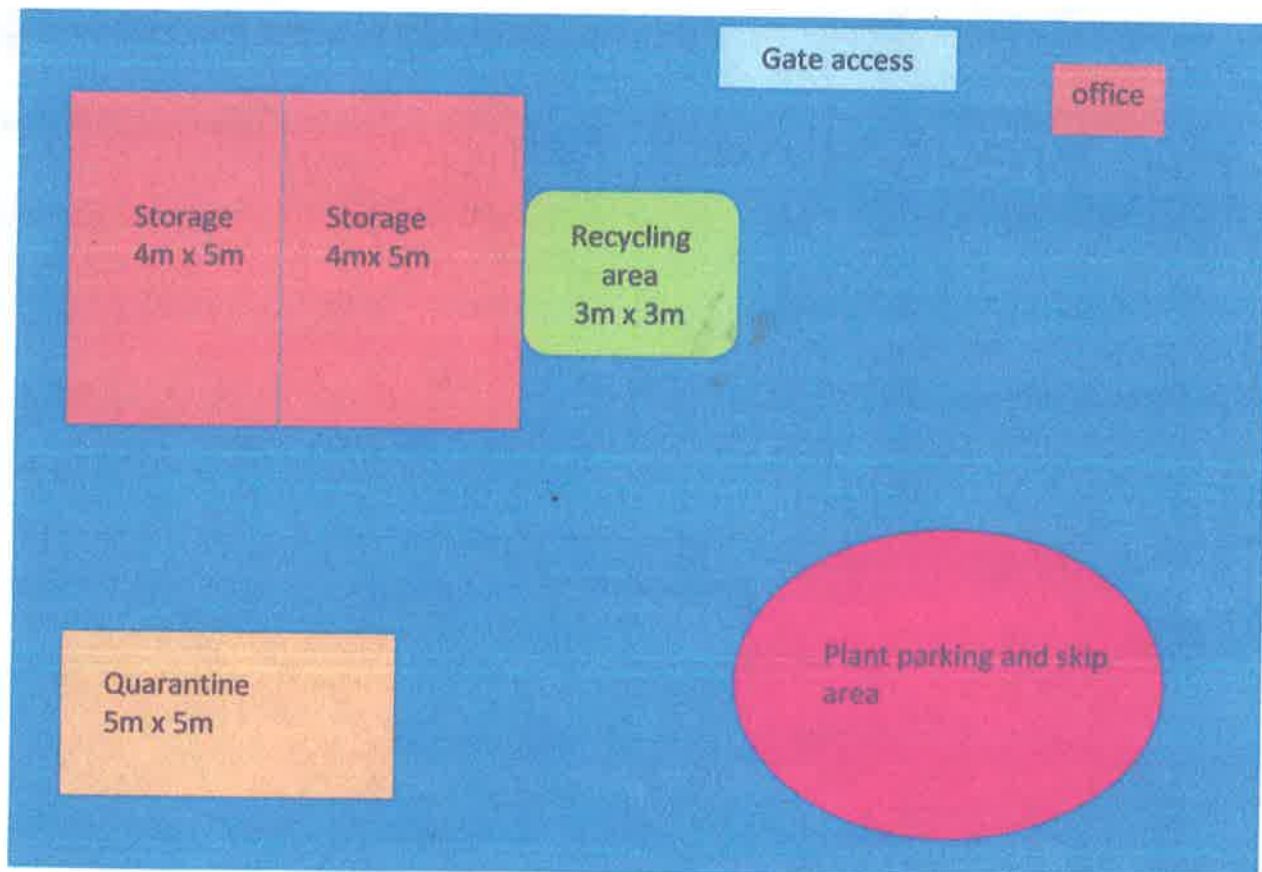
Activities

CT skip hire is a small waste recycling site dealing with domestic and commercial waste collected in mini skips. The waste is brought on site, quarantined, stored in a covered unit and then recycled. The whole process is operated by the owner with occasional help from another person who will assist at key times.

Location plan

The site is based on Deeside Industrial Park and is remote from any sensitive human or environmental receptors, the risk to the local area is assisted by the small volume of waste stored on site.

Site plan and location



Not to scale



Fire service resources

The nearest fire service resource is based at Deeside fire station, it takes approximately 5 minutes to reach the site, access is via the private road which leads to the site, there are no access issues and a standard fire appliance can easily get to the site. The 999 system will be used to initiate the call should a fire breakout.

Hydrants

There are several hydrants available for use, the nearest hydrant is located on Drone Road by Sunhill Transport and is 3 lengths of hose away.

Firefighting equipment

There are suitable firefighting extinguishers on site in a designated area, this will allow a break out of fire to be tackled at an early stage to prevent fire development. There is also suitable plant equipment on site which in conjunction with the earth bank can use soil to smother any outbreaks of fire. The owner and assistant are aware of the need to balance tackling the fire and summoning the fire service promptly which will enable a quick response, thus reducing the impact of a fire breaking out.

Section 2 –Preventing Fires

Pile volumes

The size of each pile is not constant and is reflected by the number of mini skips being hired and waste brought onsite and the regular bulk removal of the waste to the land fill, as is company policy. Compliance with best practice and guidance ensures that the maximum size for each area is:

Quarantine area mixed waste= 4m x 4m, maximum height 2m.

Storage areas mixed waste = 4m x 5m, maximum height 4m.

Recycling/Sorting area 3m x 1m bench.

Mini skips used for each product before being taken to recycling sites.

Storage and duration

The duration period is fluid dependant on waste levels and the bulk removal of waste to land fill, this takes place monthly thus reducing the self-combustion risk. Once the mini skips have been filled with separate recyclable materials they are taken off site to various locations. Seasonal influences dictate that the need for bulk removal will take place sooner and the monthly removal is flexible.

Monitoring

The owner is aware of his responsibilities to monitor conditions at the site, this includes ensuring no naked flames or ignition sources can come into contact with waste products. The use of a monitored quarantine area for all incoming waste ensures that any hot waste cannot be transferred to the main storage area.

This action is assisted by the limited volume of waste stored during the whole process and that combustibles do not remain on site for longer than 3 months, there is a one month bulk removal policy. This turnover reduces the possibility of self-heating. There is also a no smoking policy on the site.

Arson and vandalism

The site is relatively remote and accessed by a private road, it is in an area that has not suffered from previous arson incidents. However, the site has CCTV and a boundary security fence, earthwork embankments and natural foliage also makes it difficult to access the site. The owner is aware of the need to monitor and maintain the site security.

Plant and equipment

There is a dedicated plant and equipment parking area which is remote from the waste area. The plant equipment is washed on a regular basis to prevent the build up of dust on hot exhausts and components. No fuel is stored on site.

Electrical hazards

There is limited electrical equipment, the site benefits from CCTV and security lighting which has been professionally installed. The recording equipment is in the office/storage container. No other types of equipment including hand held tools are on site.

Cylinders

It is company policy not to accept any types of cylinder in the skips and they will be left with the customer. Customers are made aware of this policy.

Batteries

It is not company policy to accept batteries, however any found in waste are placed in quarantine container and taken to a licensed site.

Hot working

Hot working is not permitted on site.

Section 3 - Environmental

Run off water/contaminants

There are interceptors on site in the waste storage area and a collecting tank for any run off water. There are no water courses in the location that could be affected by run-off water if an incident should occur.

Hazardous materials

It is not company policy to remove hazardous materials from a customer's site.