



Asbestos Waste Transfer Station Working Plan



**Reactive Integrated Services Ltd
(RIS Ltd)
Unit 6
Stadium Close
Cardiff
CF11 8TS**

Review Date:		June: 2019
Next Review:		June: 2020

1. Site Description

1.1 Location:

Unit 6
Stadium Close
Cardiff
CF11 8TS

1.2 Specific Waste Management Operation

The site will be registered with the Natural Resources Wales as required by Part 5 of the Hazardous Waste Regulations and renewed annually.

Site Type D15: Storage pending any of the operations numbered D01 to D14 (excluding temporary storage, pending collection, on the site where it is produced).

Maximum storage capacity on site: 10 tonnes within 1 or 2 containers
Maximum storage period on site: 4 months
Maximum quantity of waste accepted: 3000 tonnes per annum

1.3 Permitted Waste

Only the following waste will be received, stored at and despatched from this site: -

Insulation materials and asbestos-containing construction materials

17 06 01* insulation materials containing fibres asbestos waste.
17 06 05* construction materials containing bonded asbestos waste.

1.4 Hours of Operation

Unless otherwise agreed in writing by the Waste Planning Authority, no heavy goods vehicles shall enter or leave the site and no plant or machinery shall be operated except between the following hours:-

07:00hrs – 18:00hrs - Monday to Friday
07:00hrs – 13:00hrs - Saturday
Closed – Sundays and bank holidays

There shall be no working on public holidays unless otherwise agreed in writing by the Natural Resources Wales (NRW).

1.5 Site Supervision

During the hours of operation, a staff member who is partaking in the WAMITAB 4TSH qualification will supervise the site (WTS).

2.0 Environmental Risk Assessment

Source

- Solid asbestos hazardous waste which is likely to produce contamination and/or pollution.

Potential receptors

- People
- Properties
- Ecosystems
- Ground water
- Surface water

Hazardous events & pathways

- Release of waste to the environment via:
- Ground
- Ground water
- Surface water
- Spillage incident
- Airborne

Risk assessment for the waste type handled on site

- Insignificant risk of pollution of ground water.
- Insignificant risk of pollution of surface water courses due to the site run- offs.
- Low risk of pollution of the ground due to delivery, loading or handling accident.
- Low risk of airborne particles due to delivery, loading or handling accident.

Risk management measures necessary to control assessed risks

- Provision of engineered site containment and drainage systems.
- Asbestos wastes only permitted if stored in areas with impermeable pavement and sealed drains and stored in sealed lockable containers/skips.
- Asbestos waste is securely packaged within suitable asbestos waste bags or wrapped within polythene.
- Surface water is directed to a rainwater trough and then pumped in to 100-gallon plastic storage containers pending final disposal by a 3rd party specialist hazardous waste disposal contractor; daily checks are undertaken.
- Spillage containment and recovery equipment are available should a vehicle, load, site or personnel contamination incident take place.
- Procedures dealing with a contamination incident are detailed within this working plan.
- Under no circumstances will any damaged packages of asbestos wastes be accepted on site.
- Sealed double wrapped asbestos wastes will be carefully placed into the sealed lockable storage container/skip to avoid any packages from rupturing.

3.0 Site Construction and Engineering for Pollution Prevention and Control

3.1 Waste Containment

Waste will be received packaged either in double bagged within UN-approved asbestos waste bags (minimum 350 gauge) or wrapped within polythene (minimum 500 gauge) and then stored within sealed lockable purpose built metal asbestos waste skip/s, the skip/s will be placed on a concrete, impermeable surface. Therefore, no contamination of groundwater can take place.

3.2 Surface water

Surface water will be controlled within a bunded area edged by concrete kerbing, see plan.

The fall of the site means the rain-water will be directed into a grilled mesh protected water collection trough and then pumped and held within 100 gallon plastic containers pending collection and final disposal by a specialist 3rd party hazardous waste collection company

The trough will be visually inspected daily, after any waste movements and also after periods of extreme weather conditions or spillage.

3.3 Transfer Station Security

The transfer station is security fenced, gated and surveyed by Closed Circuit Television (CCTV).

The gates are 2 metres high and will be secured with a heavy-duty lock outside the hours of operation.

The fencing is around the perimeter of the site and is of the height indicated on Plan 1 on page 9.

3.4 Container Security

The skips/containers must and will be padlocked shut at all times other than during receipt and dispatch of waste

3.5 Signage

Signs will be displayed on all containers and perimeter fencing, warning of the hazardous nature of the contents.

3.6 Miscellaneous pollution risk containment

3.6.1 Mud and Debris

All access to and egress from the transfer station is via tarmac road, thus eliminating the introduction or creation of mud and other debris.

3.6.2 Odours

The transfer station is solely for the storage and eventual transfer of asbestos waste therefore is odourless.

3.6.3 Noise

On average, large goods vehicle movements will be no more than once weekly. The mechanical operation of plant on site will be limited to the loading and unloading of roll on / roll off containers onto the above-mentioned vehicles.

3.6.4 Pest infestations and Scavengers

The transfer station is solely for the enclosed storage and eventual transfer of asbestos waste and is therefore highly unlikely to attract any pests or scavengers.

3.6.5 Litter

The specialist storage of the hazardous waste eliminates the risk of litter. Operational procedures 4.1 and 4.2 include twice-daily inspection for any litter.

4. Site Operation

4.1 Opening of site.

One of the supervisors, or a competent person authorised by a supervisor, will collect the keys to open the transfer station from the secure reception within the main office.

Immediately upon unlocking the security gates and prior to opening for business, staff will undertake a visual inspection of the site to identify any waste licence, pollution control and/or security issues.

The daily visual inspections and weekly documented inspection findings and any action required will be recorded in the site diary.

Any breaches will require immediate rectification. This will be monitored and upon completion be recorded within the site diary.

4.2 Closing of site.

At the end of each day the site will be tidied and cleaned (if required/as necessary).

Staff will ensure that all containers are padlocked and then padlock the security gates and place the keys within the secure office.

4.3 Waste acceptance

The following acceptance procedures will be carried out at all times:

- i. Customers' delivery vehicles will park outside of the station
- ii. Staff will check the Hazardous Waste Consignment Note including consignment details, description of waste etc. The consignment must be rejected if the waste is not asbestos
- iii. When site staff are entirely satisfied that the documentation is in order, authority will be given to proceed to the unloading area, as detailed on the sketch plan.
- iv. Staff will ensure that ALL waste is correctly packaged within asbestos UN-approved waste bags or wrapped within polythene. The waste will be rejected if it is not asbestos or not packaged correctly, in accordance with Regulations 42, 43 & 44 of the Hazardous Waste Regulations.
- v. Subject to the above being satisfactory, then authority to unload will be given and staff will unlock the container ready to receive the waste.
- vi. At the time of unloading, staff will record quantities and weight. Each bag is estimated to weigh 10 kilograms and wraps 20 kilograms.
- vii. When unloading is completed, then the storage container will be locked
- viii. Staff will complete Section E of the Hazardous Waste Consignment Note and give a copy to the carrier.
- ix. Copies of the consignment notes will be retained in the waste transfer station office and kept with the individual container records so that volume and weight data is collated, in accordance with Regulations 42, 43 & 44 of the Hazardous Waste Regulations.
- x. Site register and records shall be kept in compliance with Regulation 48 & 51 of the Hazardous Waste Regulations.

4.4 Waste Dispatch

Quantities of waste stored will be monitored and when a container becomes full and/or the 10-tonne site limit is reached staff will arrange for a Registered Waste Carrier to transport the waste to a licenced landfill site.

A member of the WTS staff will complete Parts A, B and D of the waste consignment note. The waste carrier will then complete Part C of the waste consignment note.

Upon dispatch, staff will ensure that a copy of the consignment note is retained within the waste transfer station office.

Evidence of disposal, in a form compliant with regulation 54 of the Hazardous Waste Regulations, must be obtained for the consignment and reconciled with data collated in 4.3.1 ix.

4.5 Waste Returns

Data compiled from waste received and rejected will be collated and used in completion of periodic returns to Natural Resources Wales (NRW). And producers, holders and/or consignors in accordance with regulations 53 & 54 of the Hazardous Waste Regulations.

All relevant documentation is kept in paper files in a secure filing cabinet in the Administration Office at the waste transfer station. These records will be made available to the Natural Resources Wales (NRW). Or any other relevant authority upon request.

4.6 Spillage of Asbestos waste.

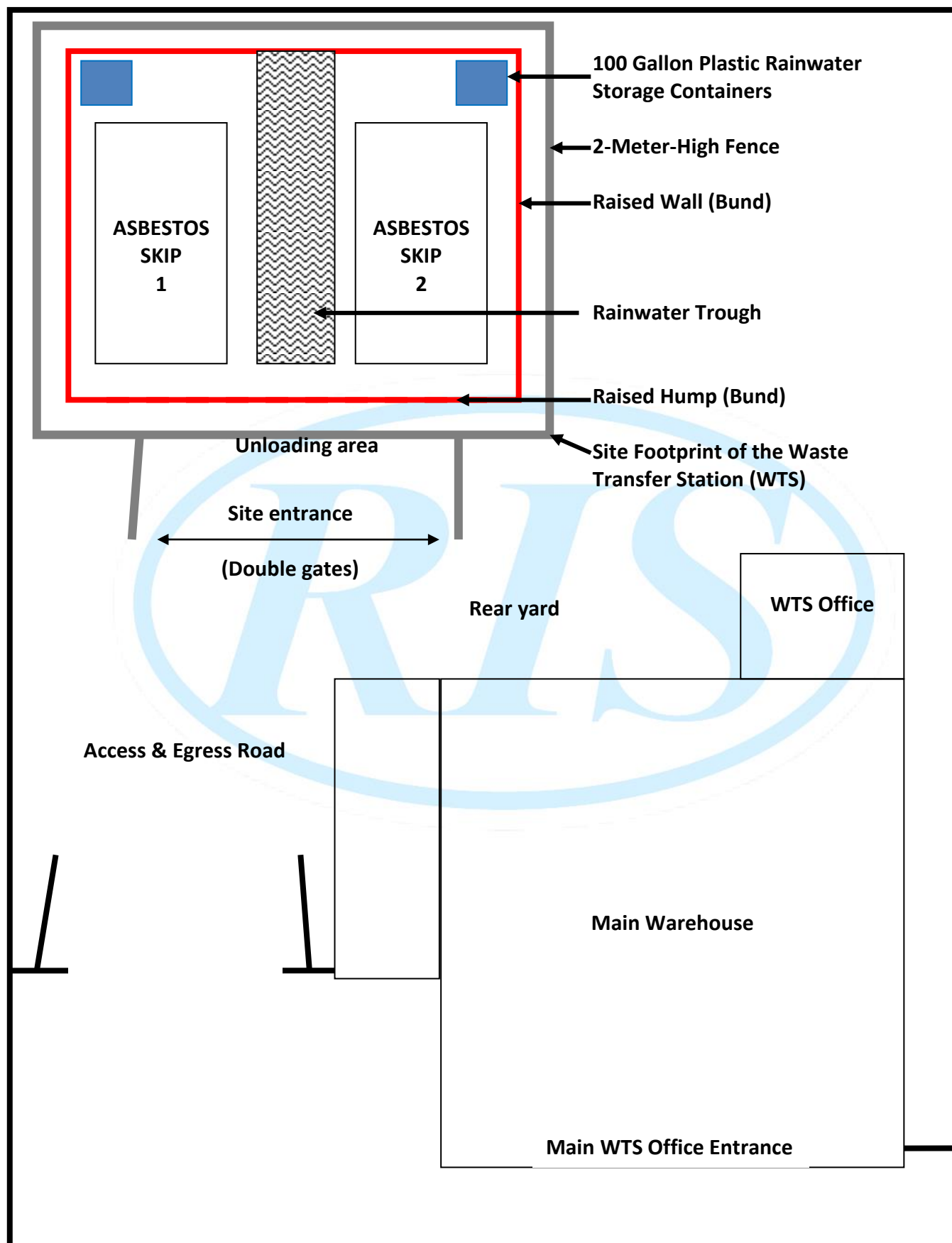
In the unlikely event of a spillage or contamination incident, staff will follow this procedure:

- Clear the area of all personnel, except those dealing with the spillage
- All personal dealing with the incident will be fully trained in compliance with the Control of Asbestos Regulations 2012 (CAR2012)
- H Type Hazardous type vacuum cleaning equipment must and will be present and be fully operational during all the work procedures.
- The work area is to be cordoned off with red and white barrier tape and relevant asbestos warning signs will be posted in the appropriate locations.
- The Operatives will wear as a minimum half face respirators and white coveralls.
- The asbestos debris will not be approached during the site set up works. The site boundary will be demarcated using hi-visibility warning tape; access to the area within this demarcated area will be managed by the RIS site supervisor.
- The removal of the ACM debris will only commence when the RIS site supervisor has confirmed the works area has been correctly set up and items for emergency use are available and operational.
- The removal of the debris will be conducted in a systematic method to ensure all the asbestos debris are all remediated.
- The Operatives will wear gloves to protect against any unseen sharps whilst working on the ground
- The Operatives will enter the working area and systematically clear the ACM debris, operatives will fully suppress the ACM debris to reduce fibre release. Fibre suppressant is used in compliance with manufacturer's specification and in line with the COSHH assessment. The suppressant will be applied by low pressure spray, again to reduce fibre release. Once the ACM has stopped absorbing the suppressant it will either be removed by hand or be vacuumed up using a H-type vacuum.
- If required, the water trough will have any water pumped into the waste water storage container and the trough cleaned out in the same manner as above
- All of the surrounding areas within the demarcated area will now be cleaned using H Type vacs, ensuring NO ACM debris remains.
- Operatives will wash hands, face and boots using the bucket and sponge.
- The RIS supervisor will carry out a visual inspection and only once fully satisfied that the area is left clean and that all ACM debris have been removed can the demarcated area be removed.
- On completion of a satisfactory visual inspection, all plant and equipment will be removed from the work area.
- All overalls and consumables will be disposed of as hazardous waste.
- The RIS supervisor to complete the Non-Licensed asbestos material Reoccupation visual inspection certificate and Works Completion Certificate and hand the area back over to the WTS manager
- Re-open site
- Record incident in site diary and investigate cause and instigate preventative action

4.7 Fire and resultant risks

It is highly unlikely that a fire will affect the transfer station, as asbestos is a fire retardant material. However there is always a chance of a fire in the vicinity, if there was a fire in the vicinity the container(s) are enclosed, therefore would not be infiltrated by fire fighting foam or water.

5.0 Site plan





General view above of the WTS (Waste Transfer Station) with the gates closed



General view above of the WTS (Waste Transfer Station) with the gates open



Rain water trough located within the centre of the concrete hard standing





Access road above leading to & from the Waste Transfer Station (WTS)