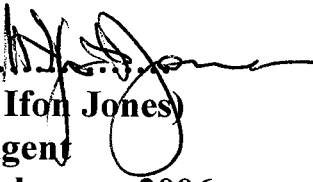


ENVIRONMENTAL PROTECTION ACT 1990

**BRISCO WASTE DISPOSAL LTD.
89 YSTRAD ROAD, FFORESTFACH, SWANSEA.**

MODIFIED WORKING PLAN.

Signature(and Name).....	
Designation	(H. Ifor Jones) Agent
Dated	February 2006
Version	BWD 2b.

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Introduction.

This Working Plan has been prepared to support the modification to the Waste Management License EAWML/34013 (SWW 182L) dated 1 November 1999.

The site operation is in the form of a Recycling Centre and Waste Transfer Centre where vehicles (mainly the site operator's) will import permitted wastes and segregate manually and / or mechanically, recyclable / re-useable wastes from that destined for disposal with the intention to recycle all or most of the waste imported.

The relevant Certificate of Technical Competence is Managing Hazardous Waste Transfer Operations, Level 4 identified in the WAMITAB coding as 4TSH.

The Working Plan has been prepared with reference to the Environment Agency document – “ Working Plan Guidance and Specification, Volume 1, 19 February 2000 : Waste Management Licenses Edition 2, August 1999” and the paragraph numbers follow those contained in that document.

The applicant / site operator has engaged the following consultant in the preparation of this working plan and the associated license modification application.

H. Ifon Jones, 89 Parc Tyisha, Burry Port. SA16 0RR

SECTION 1 GENERAL CONSIDERATIONS.
WP/1.110 Specified Operations.

The site operations are designed for the purposes of recycling all or most of the quantity of waste imported into the facility.

For the purposes of licensing, the specified operations are classified under the Waste Recovery Operations – R4 (recycling or reclamation of other inorganic materials), D9 Physical Treatment by separation and sorting, D15, R13 (Storage pending disposal or recovery).

The waste categories to be imported into the facility are contained in the European Waste Catalogue and are shown below and also in Appendix G to this Working Plan.

- EWC 17 Construction and Demolition Waste (including excavated soils)
- 17 01 01 Concrete
- 17 01 02 Bricks
- 17 01 03 Tiles and Ceramics,
- 17 01 07 Mixtures of concrete, brick, tiles and ceramics,
- 17 02 01 Wood,
- 17 02 02 Glass,
- 17 02 03 Plastic
- 17 03 02 Bituminous mixtures other than those containing dangerous substances)
- 17 04 01 Copper, bronze, brass,
- 17 04 02 Aluminium,
- 17 04 03 Lead,
- 17 02 04 Zinc,
- 17 04 05 Iron and Steel,
- 17 04 06 Tin,
- 17 04 07 Mixed Metals,

Permitted Wastes Contd.

- 17 05 04 Soils and Sub-Soils other than those containing dangerous substances,
- 17 06 05 Construction materials containing asbestos,
- 17 08 02 Gypsum based construction materials other than those containing dangerous substances.
- EWC 20 Household, Commercial and Industrial Waste.
- 20 01 01 Paper and Card,
- 20 01 02 Glass,
- 20 01 08 Biodegradable kitchen and canteen waste
- 20 01 38 Wood,
- 20 01 39 Plastic
- 20 03 01 Mixed Municipal Waste

Site operations from acceptance to removal will follow the procedures described below.

a) Waste Acceptance.

All vehicles carrying wastes as permitted within the terms of the Waste Management License and conditions of the Planning Consent will enter the facility via the main gated entrance and will proceed to the main site office.

Documentation will be checked at the site office and subject to documentation being in order, the vehicle will be directed to the weighbridge when weighing details will be recorded.

A schedule of permitted wastes is displayed in the office to assist the designated proficient person in identifying the categories of permitted wastes.

Subject to the consignment visual checks and documentation being satisfactory, the vehicle is directed to the appropriate site location –

b) Mixed Waste.

During and immediately following deposit on the impermeable surface shown Upper Impermeable Level on plan ref BWD4 the waste is inspected for unauthorised waste, which if encountered will be removed to the isolation skip or removed from site as described in paragraph 4.210.

Details of such unauthorised waste will be recorded and the Environment Agency advised immediately.

Mixed waste will be segregated, either manually or mechanically and any biodegradable waste removed to the steel bodied ejector trailer and the hydraulically operated cover activated.

c) Inert Waste.

Inert waste will be deposited / stored on the area marked “Inert Waste Bay” on the plan ref BWD4. It may be necessary to screen this inert waste in order to aid recovery / re-use.

This screening will be carried out at the “screen / trommel” shown on Plan Ref BWD4.

Regular inspections will, ensure that there is no cross contamination between the mixed waste and inert waste.

d) Unauthorised Waste.

Any unauthorised waste encountered at any stage in the acceptance procedure will be placed in the isolation skip, details recorded and the Environment Agency advised immediately.

e).Wastes Leaving the Facility.

All wastes, whether for recycling / re-use or disposal will be subject to visual and documentation checks before leaving the facility.

All wastes leaving the facility will pass over the weighbridge and relevant details recorded and retained.

Recyclable / Re-useable waste will be transported to the end user or reprocessor and any remaining waste transported to a suitably licensed disposal facility.

The maximum period for retention of unacceptable waste will be 7 days and for other inert or non-inert waste, the period will be 28 days.

WP/1.120 PERMITTED WASTES.

a) The waste types to be accepted at the facility are those identified by the European Waste Catalogue and listed in detail in Appendix G to this Working Plan.

The permitted waste identifiable by code number are –

17 01 01	17 01 02	17 01 03	17 01 07
17 02 01	17 02 02	17 02 03	17 03 02
17 04 01	17 04 02	17 04 03	17 04 04
17 04 05	17 04 06	17 04 07	17 05 04
17 06 05	17 08 02	20 01 01	20 01 02
20 01 08	20 01 38	20 01 39	20 03 01

The total quantity of waste to be accepted annually is less than 75,000tonnes.

b) Risk Assessment

The waste types accepted at this facility are subject to checks, documentary and visual to ensure that all operatives responsible for waste acceptance and dispatch are suitably trained in identifying waste types and recording the necessary information.

Details of the training undertaken will be recorded in the site diary Appendices D and E to this Working Plan have been prepared in order to specify the procedures to be adopted in the event of non-permitted wastes being encountered at the facility.

Examination of the Environment Agency publication “ National Centre for Risk Analysis and Optional Appraisal (Guidance Note 25 has lead to the conclusion that the Risk Assessment Technique appropriate to this site and operations is the Simplified Approach : Tier 1, Risk Screening and Risk Assessment and are presented as Appendices H and J to this Working Plan.

WP/1.130 Hours of Operation.

The hours of Operation will be –

Monday – Friday	08:00	-	18:00
Saturday	08:00	-	14:30
Bank Holidays	08:00	-	14:30

No Opening on Sundays.

SECTION 2 Site Engineering for Pollution Prevention.

WP/2.210 Site Surface Water Management Systems

Impermeable pavement and sealed drainage systems.

The impermeable waste storage areas marked Upper and Lower Levels on plan ref BWD4 are laid to falls with drainage channels directing flows into the site interceptor tank.

The interceptor is of specialist manufacture Conder type 7000L, with a total working capacity of 6760 litres. The impervious surface area contributing to the interceptor drainage is 3,300 sq.m.

Discharge from the interceptor is via a sampling chamber at the rear of the administration building into the public combined sewer in Ystrad Road.

Surface water from the impermeable area is segregated from other areas by a 150mm high cast in situ kerb at the upper level with the lower level similarly kerbed and a 125mm high “sleeping policeman” arrangement across the vehicle access route.

The condition of the impermeable area will be the subject of a CQA report prepared by a Chartered Civil Engineer. Monitoring of the drainage systems will be carried out monthly and recorded on the inspection form – Appendix B.

SECTION 3 Site Infrastructure.

WP/3.500 Site Security.

The site is surrounded by a 2.4m high steel palisade fence which is inspected daily with inspections recorded on Appendix form B.

Entry to the site is via a steel framed palisade gate 2.4m high with a total opening width of 4.5m.

Any defects noted during the inspections will be subject to temporary repairs within 12 hours with permanent repairs carried out within 7 days.

SECTION 4. Site Operations.

WP/ 4.140 Control of Mud and Debris.

The licensed transfer station access road is of concrete construction and provided with a speed retarder which also acts as a rumble strip, dislodging any mud or debris from any vehicle.

Water hose is used on site to wash down any vehicles seen to have mud or debris with wash down activity carried out within the impermeable area.

The concrete access road and if necessary the external highway is swept regularly by a contract mechanical sweeper all of which are included in the daily site inspection report shown in Appendix A.

Incidental occurrences of mud or debris are dealt with by manual removal.

WP/4.151 Potentially Polluting Leaks and Spillages.

No liquid waste will be stored on the site and possible liquid pollution spillages are limited to accidental spillages from vehicles.

In the event of a spillage occurring, a supply of absorbent granules or clean sand will be applied to the affected area.

This contaminated sand / granules will be removed to a suitably licensed disposal facility, with the removal subject to the necessary waste transfer documentation..

A supply of absorbent granules / clean sand is stored in the adjacent vehicle maintenance building.

WP/4.153 Fire on Site.

In the event of fire occurring at the facility, the procedure described in Appendix C will be implemented.

The site of the fire will be immediately evacuated of non-essential personnel and in the case of a minor incident, fire extinguisher or water hose spray will be applied.

In the event of a major or potentially major incident, the emergency services will be notified, the site cleared all non-essential personnel And the necessary co-operation offered to the senior emergency officer in attendance.

In the event of fire fighting which necessitates the application of substantial quantities of water, a temporary boom will be laid using the necessary number of sandbags or similar in order to contain any run-off.

Following containment of such run-off, the liquid collected will be disposed of according to any contaminants that may be present.

All fire incidents will be reported to the Environment Agency as soon as reasonably practical (Tel 0800 807060)

WP/ 4.210 Waste Acceptance and Control Systems and Procedures.

1(a). Waste Acceptance and Control.

The following waste acceptance procedure is recorded in abbreviated form in Appendix D for reference and training purposes.

On arrival at the facility, all drivers will safely park their vehicle and report to the site office where documentation will be checked by a competent member of staff.

The waste consignment will be visually inspected and subject all being in order the driver will be directed to the weighbridge when all the necessary weighing details are recorded.

The driver will then be directed to the appropriate waste deposit area. During tipping and subsequent segregation, the waste consignment is further examined to ensure that only permitted wastes are present.

If during documentation examination or inspection, the waste consignment is found to be not in accordance with the licensing conditions, the consignment will be rejected and the information recorded in the site diary.

The Environment Agency will be advised of the steps taken and all relevant information made available.

b) Segregation and unacceptable waste.

In the event of unacceptable waste, i.e. waste not permitted under the terms of the site license being detected, the procedure described below will be implemented.

These procedure are also recorded in abbreviated form in Appendices D and E of this Working Plan.

In the event of the documentation being unsatisfactory or by inspection the waste consignment appears to be unsatisfactory, the carrying vehicle will be held at a suitable location on site until further inquiries have been carried out.

If following these enquiries, either the documentation and / or the waste consignment are unsatisfactory, the carrying vehicle, fully loaded will be directed from site and an appropriate entry of the facts entered in the site diary.

The incident will be reported to the Environment Agency.

In the event of the documentation being satisfactory but on tipping an item or items of waste which are considered to be unacceptable under the terms of the site license are found, the item/s will be removed to the isolation skip (secure container) and an appropriate entry made in the site diary.

2. Waste Dispatch.

All Wastes leaving the facility, whether for recycling / re-use or disposal will be subject to waste transfer documentation containing information on date, waste description, carrier details, quantity and destination.

3. Waste Records.

All statutory and other records required by Statutory Authorities will be securely stored in the site office and will be produced for inspection when required by an Authorised Officer.

WP/4.230 Waste Quantity Measurement System.

All incoming and outgoing waste is weighed on the on-site weighbridge and a record of the information obtained is recorded and retained at the site office.

WP/4.301 Storage of Bonded Asbestos.

It is proposed that the license will contain one category of hazardous waste only, bonded asbestos.

Such bonded asbestos may originate from householders or industrial operations.

One lockable sealed container only will be held on site for the storage of bonded asbestos and the total held on site at any one time is less than 10 tonnes.

Appendix F in this Working Plan details the handling procedures for bonded asbestos.

SECTION 6 Amenity Control and Monitoring.

WP/6.010 Control, Monitoring and Reporting of Dusts, Fibres and Particulates.

The control of dust and fibres fall into the following categories –

a) Dust arising from handling of inert waste or by vehicle movements.

The site is equipped with a water spray system line at its boundary and in the event of dust occurring in the deposit or segregation area, the water spray will be activated and an entry of the incident recorded in the site diary

If the dust is caused by movement of vehicles, a mobile water bowser

Is employed to spray a fine water spray on the offending area.

b) Fibre from Bonded Asbestos Sheets.

All deliveries of bonded asbestos will be such that the sheets will be handled with care, utilising the appropriate Protective Equipment and ensuring that the sheets are handled with care ensuring that no breakages occur.

Any broken sheets prior to delivery will be double wrapped and handling arrangements are described in the procedures as shown in Appendix F to this Working Plan.

WP/6.020 Control of Odours

The operations described and the categories of wastes to be accepted are not considered to be odour producing. However, in the unlikely event of an odour producing waste being encountered, the preferred option is to immediately remove the offending waste and / or apply a suitable de-odouriser applied by a specialist contractor.

WP/6.030 Control and monitoring of noise.

Vehicles and mobile plant used at the site are subject to Construction and Use Regulations and are regularly serviced to ensure that those standards are maintained.

Information produced by the screen manufacturer concerning the noise emitted from the screen when in operation is retained on site for inspection if required.

WP/6.040 Control of Pest Infestation.

It is considered that the waste types accepted at the facility and the operations described are such that the site is unlikely to attract vermin. However, regular site inspections and if required vermin control measures will be implemented by a specialist contractor employed for that purpose.

WP/6.050 Control of Litter.

Litter control is mainly exercised by the use of mobile litter screens erected at the leeward side of any mixed waste deposited.

Appendix A describes the daily inspection for litter and in the event of litter being detected on site, immediate steps are taken for its removal manually.

SECTION 7 Site Records.

WP/7.100 Security and Availability of Records.

All records relevant to the licensing and operation of the facility are stored in the site office and will be made available for inspection by an authorised officer on request.

Appendix C

Brisco Waste Disposal Ltd.

Emergency Procedure – Fire.

The safety policy prepared for the operation of the transfer station and recycling centre will be adhered to at all times.

The remote possibility of a fire occurring requires that procedures are set up and understood by all employees.

FIRE.

In the event of a fire being detected at any location on site, the following procedures must be followed without delay.

- Senior Manager on Site to be contacted immediately,
 - Warning siren / horn to be sounded and all personnel congregate at the designated assembly point,
 - All visitors on site, identified by checking the visitors book to be escorted to the emergency assembly point,
 - Fire extinguishers and / or water sprays to be directed at the base of the fire if it is safe to do so,
 - Emergency Services notified. Senior Manager on site to liaise with the senior emergency officer and provide any assistance requested,
 - Environment Agency to be notified as soon as practicable,
 - A full report of the incident be prepared and an appropriate note entered in the site diary.
-

Appendix D

Brisco Waste Disposal Ltd.

Vehicle Arrival Procedure

- Driver to Secure Vehicle
 - Responsible Person to check documents.
 - Interrogation of driver to check accuracy of documents.
 - Visual inspection of waste consignment for compliance with license conditions. If satisfactory, record information.
 - If documents or consignment is unsatisfactory, direct vehicle from site and record action taken.
 - Weigh vehicle.
 - Direct driver to discharge point.
 - Check all documentation is fully recorded and filed.
-

Appendix E

Brisco Waste Disposal Ltd.,

Procedure following deposit of waste in segregation area.

- Visually check waste during and following deposit.
 - Non-Compliant items, notify supervisor immediately.
 - Place non-compliant items in isolation container.
 - Record action taken.
-

Appendix F

Procedures for Handling Bonded Asbestos.

- All bonded asbestos sheets will be stored in a lockable steel enclosed container.
- Transfer of bonded asbestos sheets will be carried out with particular care to ensure that no fibres are released.
- Personnel handling asbestos sheets will be equipped with the appropriate protective equipment which must be worn at all times during all handling procedures.
- In the event of any bonded asbestos being broken into small pieces (under 600mm in any one direction)the pieces must be double bagged.
- Double bagging will consist of the pieces being carefully placed in plastic bags which will then be sealed.
- The RED bag will then be placed in a transparent bag which will also be sealed. This outer bag will be sealed to produce a “balloon” effect.
- The double bag will then be placed carefully inside the lockable enclosed steel container.

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Appendix G

Brisco Waste Disposal Ltd

Schedule of Permitted Wastes.

Note – The reference numbers are those which are contained in the European Waste Catalogue (EWC)

EWC 17 Construction and Demolition Waste

- 17 01 01 Concrete
- 17 01 02 Brick
- 17 01 03 Tiles and ceramics
- 17 01 07 Mixtures of concrete, brick, tiles and ceramics,
- 17 02 01 Wood
- 17 02 02 Glass
- 17 02 03 Plastic
- 17 03 02 Bituminous mixtures other than containing coal tar
- 17 04 01 Copper, bronze, brass,
- 17 04 02 Aluminium
- 17 04 03 Lead
- 17 04 04 Zinc
- 17 04 05 Iron and Steel,
- 17 04 06 Tin
- 17 04 07 Mixed Metals,
- 17 05 04 Soils and stone other than those containing dangerous substances,
- 17 06 05 Construction materials containing asbestos,
- 17 08 02 Gypsum based construction materials other than those contaminated with dangerous substances.

EWC 20 Household , Commercial and Industrial Wastes.

- 20 01 01 Paper and card,
- 20 01 02 Glass
- 20 01 08 Biodegradable Kitchen and Canteen Waste
- 20 01 38 Wood
- 20 01 38 Plastic.
- 20 03 01 Mixed Municipal Waste

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BRISCO WASTE DISPOSAL Ltd.

Bonded Asbestos

RISK ASSESSMENT (RA1)

This risk assessment is to be read in conjunction with the appropriate sections of the Working Plan.

Contaminants

Hazard

Contaminant Source

Pathways by which the contaminant may reach the receptor.

The receptor,

The measures required to combat the potentially released contaminants.

The detailed measures proposed and the risk following application of those controls.

The limitation of the contaminant source, pathway and operation (keeping only) shows that the Simple Risk Assessment is appropriate.

CONTAMINANT.

The waste contained in the site license and the working plan is bonded asbestos which constitutes the only hazard considered in this risk assessment.

No other hazardous waste is to be accepted at the transfer station.

HAZARD.

The hazard arising from the fibres released by the asbestos imported into the transfer station is asbestosis / lung cancer and irritation of the exposed skin.

CONTAMINANT SOURCE.

The contaminant source is the asbestos imported into the transfer station in bonded form.

PATHWAYS.

The pathways over which the contaminant may reach the receptor is airborne or by spillage which may cause fibres to enter the ground and later to be released as fibres.

THE RECEPTOR

The main potential receptor is the personnel handling the waste or in close proximity to the handling location.

PROTECTIVE MEASURES.

Enclosure / sealing of the fibrous asbestos and the protection of the bonded asbestos against damage.

Use or designated PPE during collection and sealing of fibres / sheets following accidental damage. All the measures required to meet the Risk Assessment requirements are described in detail in the Working Plan.

The information provided in this Risk Assessment show that the risk identified is LOW.

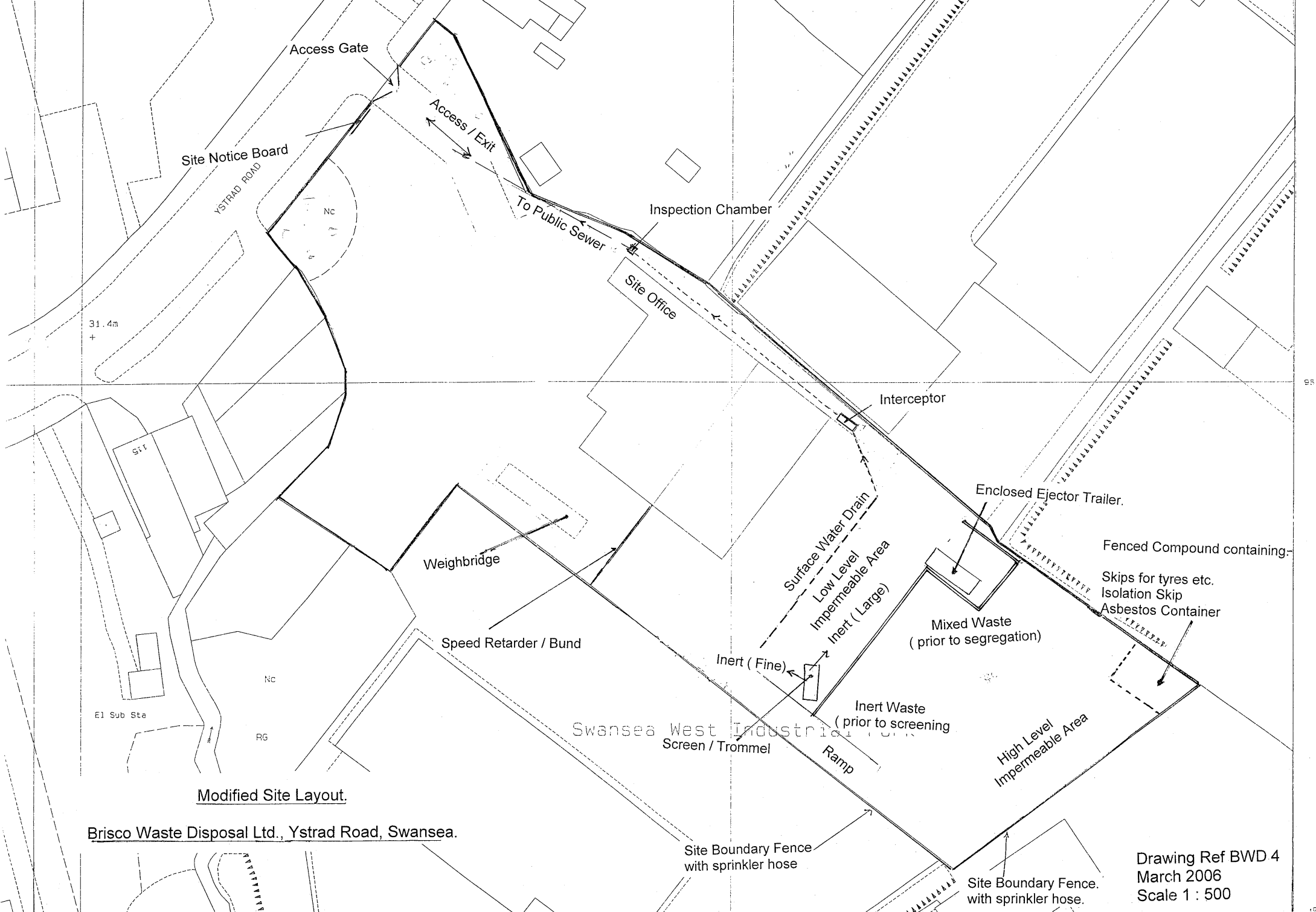
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Brisco Waste Disposal Ltd

Non Hazardous Waste

Risk Assessment RA2

Waste Form and Type	Associated Hazards	Primary Potential Targets	Measures Required	Risk	W Plan Ref
Degradable & Inert Solid / Dry	Dust	Human Health Airborne	Monitor Dust Suppression	LOW	6.010. Appendix B
	Mud & Debris	Local Environment Human Health	Monitor Clean / Sweep	LOW	4.140. Appendix B
	Unacceptable Waste	Human Health Environment	Monitor Inspection Disposal	Minimal	4.210(b) 1.110(d) Appendix E
	Leachate	Groundwater	Inspection Sealed Drainage Interceptor	Minimal	2.210.
	Noise	Local Environment	Noise Attenuation Monitor	Low	6.030.
	Litter	Local Environment	Inspection Collection.	Minimal	6.050.
	Fire	Local Environment	Monitor Fire Control	Minimal	4.153. Appendix C.



Modified Site Layout.

Brisco Waste Disposal Ltd., Ystrad Road, Swansea.

**Drawing Ref BWD 4
March 2006
Scale 1 : 500**