MUSTER POINT

Meet at the entrance gates at the top of Beacon Road.

KEY SITE HAZARDS

RISK OF FIRE/EXPLOSION OF LANDFILL GAS – *no smoking, open flames or bonfires*

SLIPS, TRIPS, FALLS – *take due care & attention, PPE*

WEILS DISEASE (LEPTOSPIROSIS) – *cover open wounds, good hygiene, dispose of food waste correctly, PPE*

VEHICLE MOVEMENTS – *observe speed limits, PPE*

OVERHEAD LINES – *due care & attention at all times. Works to be undertaken in accordance with HSE Guidance Note GS6.*

UNDERGROUND CABLES – *dig trial pits by hand, CAT tools*

PRESSURISED GAS MAIN – *dig trial pits by hand*

PRESSURISED LEACHATE RISING MAIN

CONFINED SPACES – *there are several on Billinge, primarily the leachate collection chamber building and gas extraction chambers. Entry should be avoided where possible. If entry to a confined space is necessary, this should be in accordance with the Permit to Work scheme.*

GIANT HOGWEED – *the sap of this plant is extremely dangerous, causing severe skin burns and blindness. Plants have been observed on the site in the past, despite treatment with herbicide. Avoid all contact with the plant. Seek medical help in the event of contact with the plant.*

SITE INFORMATION

SITE ADDRESS

Billinge Hill Quarry – access from either Beacon Road or Rainford Road, Billinge, St Helens, WN5 7HF

Never move an injured or seriously ill person if there is a risk of further injury. Contractors should carry a suitable First Aid Kit.

NEAREST MEDICAL PROVISION

For emergencies - St Helens Hospital, Marshalls Cross Rd, St Helens, WA9 3DA

Tel 01744 646461

For minor injuries – St Helens Walk in Centre (2.3 miles), Millennium Building, Bickerstaff Street, St. Helens, WA10 1DH Tel: 01744 627400

MRWA HEAD OFFICE

MRWA, 7th Floor, No 1 Mann Island, Liverpool, L3 1BP

Tel 0151 255 1444

CCTV SECURITY COMPANY

Tel 0161 877 6612

Must be contacted **prior** to entry to the flare compound, electricity sub station compound and leachate compound. Contact MRWA for the password.

MERSEYSIDE RECYCLING & WASTE AUTHORITY

MERSEYSIDE... A PLACE WHERE NOTHING IS WASTED

BILLINGE HILL QUARRY - EXTERNAL CONTRACTORS – SITE SAFETY RULES

Avoidance of accidents on site is of paramount importance. This leaflet is issued to provide contractors, sub-contractors and their employees with guidance about the risks that may be encountered on site. Contractors are responsible for ensuring that appropriate Health and Safety standards are met. Contractors must provide details of working methods, equipment, risk assessments & method statements to MWDA for approval prior to work commencing.

MWDA will provide risk assessments and site safety inductions on each site prior to work commencing. All contractors & sub-contractors shall follow safety rules, and have suitable insurance with a reputable insurance company against all liability arising out of any loss, damage or injury suffered by the Authority or third party as a result of his or her failure to comply with the terms of the contract or his or her performance of the contract.

GENERAL SAFETY RULES

Safety is the responsibility of everyone. Follow the proper safety rules and Common Sense safety practices at all times.

1. Report any injury and obtain treatment promptly
2. Any injuries should be reported and recorded in your Company's Accident Book
3. Report any unsafe conditions before they cause an accident.
4. Personal protective equipment must be worn and fit for purpose.
5. No smoking on site. Wash hands prior to eating / drinking. Any open wounds should be covered with a suitable dressing.

CONTRACTOR VEHICLES, PLANT & EQUIPMENT

All vehicles, plant and equipment must be roadworthy, properly maintained, carry appropriate certificates and licences, only driven by competent persons and observe all speed limits, traffic signs and site rules.

BILLINGE - SUPPLEMENTARY INFORMATION

Site Background.

Billinge Hill Quarry was initially quarried for sandstone. Landfilling commenced in 1985 and ceased in 2001. The site accepted large quantities of household, commercial and industrial wastes. The site was capped with bentomat, a geotextile designed to minimise rainfall infiltration, in 2003. The operation of the site is regulated by the Environment Agency under a Waste Management Licence.

Environmental controls – gas and leachate

A significant quantity of landfill gas is generated on the site, which is controlled through a network of gas extraction wells and a flare stack under an agreement between MRWA and Infinis, the gas extraction company. The gas monitoring boreholes around the site perimeter are monitored on a weekly basis.

The site is partially lined with clay. Leachate is directed to the lowest part of the site by a network of leachate drains, from where it is pumped to a treatment system for aeration to remove dissolved methane, prior to discharge to foul sewer.

Site Access and security.

The site is closed to the general public and should be kept locked at all times. The site is not permanently staffed, so contractors working on site either need keys to the gates, or to meet MRWA staff there to gain access. Access is either through the gates at the top of Beacon Road, or through the gates by the flare stack which can be reached from Rainford Road. Contractors should ensure that the site gates are locked at all times. Different keys are required for different areas of the site – MRWA staff will be able to advise on this.

The leachate chamber building is a confined space and cannot be accessed without a Permit to Work.

Three areas of the site are monitored by CCTV – the flare stack compound, the leachate compound and the electricity sub-station. If work is being undertaken in these areas, the CCTV monitoring company should be informed beforehand.

Although the site is secured, there is a history of unauthorised access and theft from the site of which contractors should be aware.

Physical Features of the site

The site is located on the highest point of Merseyside and therefore is very exposed. The site has been restored to a mixture of grassland and woodland and now provides a valuable habitat in the St Helens area. There are several steep slopes on the site, and the ground underfoot can sometimes be hazardous with uneven ground, slippery mud and obstacles on the surface. There is a small brook along the eastern boundary of the site.

The site has been restored with areas of acidic grassland and woodland and is now regarded as an important wildlife habitat.

Welfare facilities

There are no welfare facilities on Billinge. Contractors should provide handwipes. Hands should be thoroughly cleaned before eating and drinking.

Site location plan

Site infrastructure drawing