Recycling Equipment UK Ltd.

Site Condition Report Document Ref SC GS doc7.

The application site is shown edged in green on plan GS/1 within an area shown edged red on plan GS3. The whole of the area surrounding the application site was once known as Thyssen Site and was part of a geo-environmental Report in 2003 and included a statement " The study also investigated the geology of the surrounding area using BGS geology map, boreholes and numerous trial pits. The study revealed that in general, the area is composed of estuarine or marine alluvium overlain on glacial drift above bedrock"

Historically the area consisted of low grade agricultural land I the ownership of Berwick Farm and until waste management exemption was registered to import and spread inert waste for the purposes of raising the ground level at the application site, no other operation has been carried out on the application site which may have had an adverse effect on the topography, surface water nor hydrogeology of the site.

Historically therefore there have been no pollution incidents nor pollution creating land uses at the permit application site.

More recently, a new trunk sewer has been constructed for the Welsh Water Authority adjacent to the application site and observations conducted during excavation / construction at the site were carried out which demonstrated that no contaminants were observed and all material recovered / replaced during reinstatement was inert in character.

In support of this Site Condition Report, the information contained in document GS/doc14, Site Specific Risk Assessment) demonstrates that all material on site and operations conducted are such that measures are implemented to ensure that no pollution can occur at the site.

Plan GS1 shows that there are no watercourses on the application site nor at the application site boundaries. Apart from natural soakaway existing on site, there are no drainage facilities on site.

A copy of an extract from the site planning application is attached to this Site Condition Report and the source of the geological information is contained in the attachment.

Reviewing the topics identified in the Template, it is confirmed that (2.0 Condition of the land at permit issue) the site geology is as described above, as is the confirmation of the absence of on site watercourses.

Apart from personal knowledge of the site, having been raised in the area and employed in the near vicinity as a civil Engineer, I can confirm the historical use of the land (low grade agriculture) and that no contaminant uses have existed.

Template section 3.0 (Permitted Activities) These are detailed in the relevant sections of application form , Part B4 together with the Site Specific Risk Assessment (GS/doc14)and the Risk Assessment in chart form in document RA GS doc10) .

GS doc 7a.

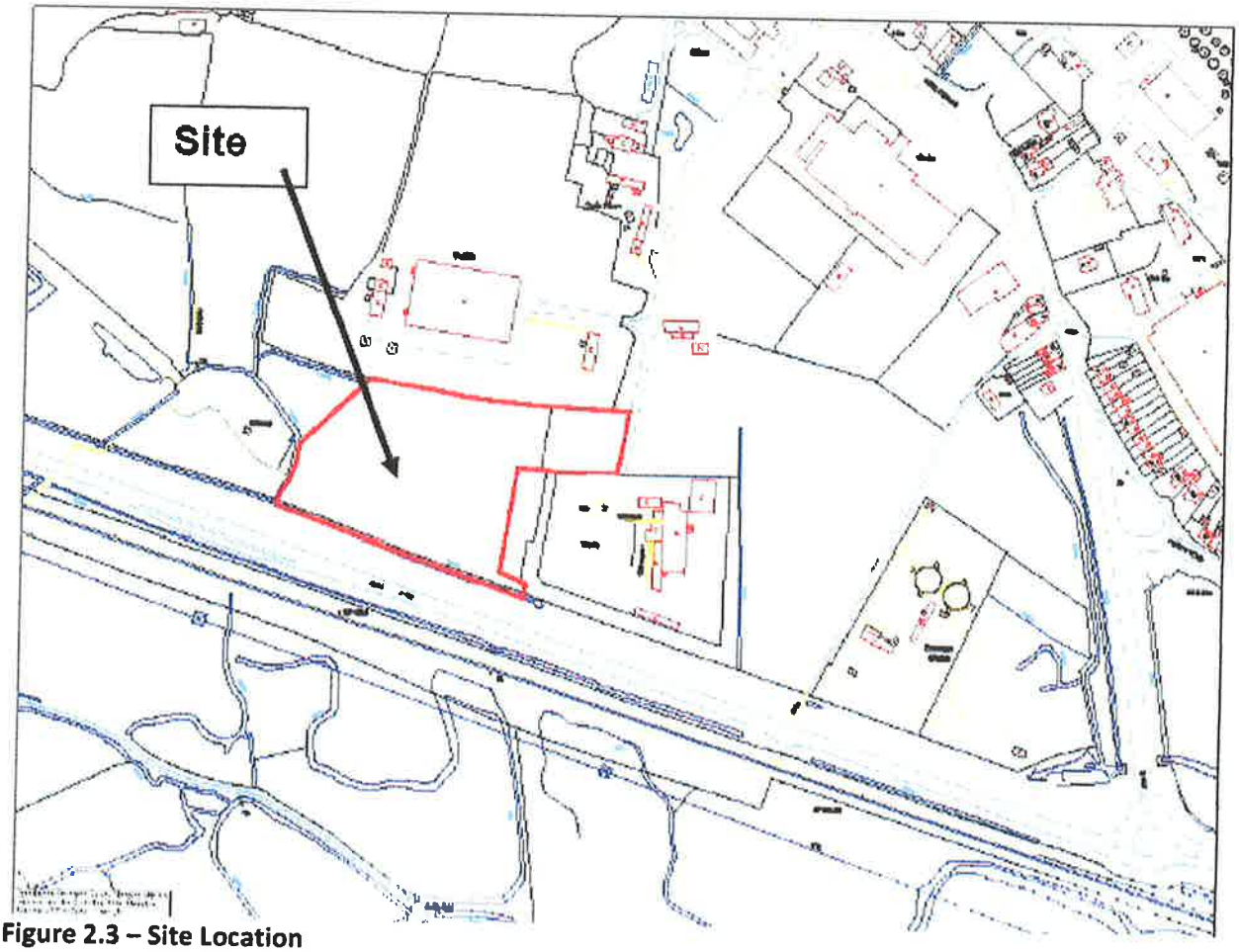

Figure 2.3 – Site Location

In 2003 a geo-environmental report, for the adjacent Thyssen Site, reported that even with high groundwater levels at locations there have been no specific flooding problems recorded since their purchase of the site in the 1950's. The report also investigated the geology of the surrounding area using BGS geology maps, borehole records and numerous trial pits. This study shows that, in general, the area is composed of estuarine or marine alluvium overlain on glacial drift, above bedrock.

Approximately 0.5km north east of the site there is a tidal inlet, from the Loughor Estuary, which divides into a series of creeks. The Ffos Fach defences protect the area from flooding from this direction with a pond and wetland area immediately behind the defences and a dismantled railway nearby.

A drainage channel is located on the land to the west of the site, which leads into the Loughor Estuary some 500m to the east.