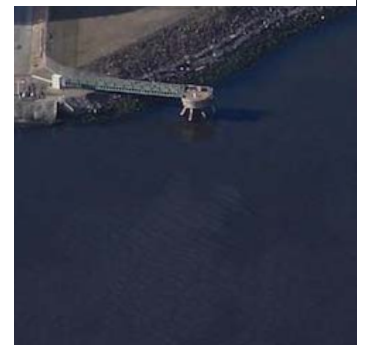
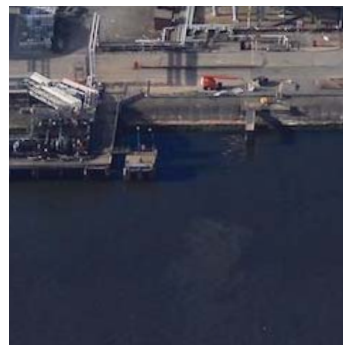
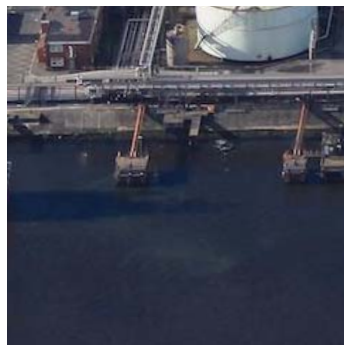
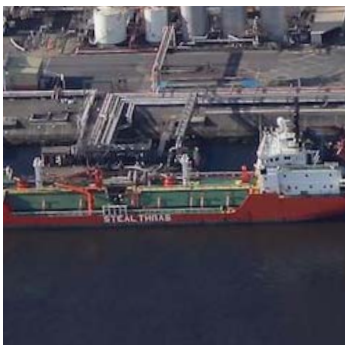
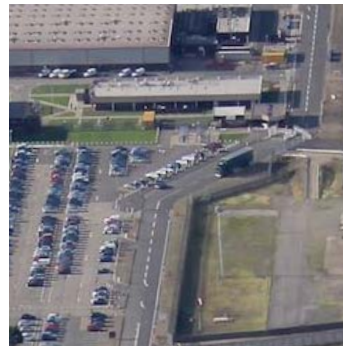




# Seal Sands, United Kingdom

Situated at the mouth of the River Tees, Seal Sands Terminal provides easy access to the major petrochemical and industrial complexes in the North of England.





# Seal Sands, United Kingdom



Seal Sands offers two jetties with draft of up to 10.4 metres, which complement the inland transport links that include good road connections and a dedicated rail terminal, as well as direct pipeline links to the Wilton and North Tees plants.

With a total storage capacity of 218,000m<sup>3</sup> in 111 tanks, the terminal offers specialised facilities that include stainless steel tanks, pressure storage for gases, and a vapour recovery unit for gasolines.

Seal Sands is a COMAH (Control of Major Accident Hazards) Upper Tier site, and participates in the CDI-T (Chemicals Distribution Institute – Terminals) inspection programme.

### History and development

Seal Sands Terminal was purpose-built as a storage facility on reclaimed land to serve the local chemical industry. The first tanks were built to store molten sulphur for sulphuric acid manufacture, and the site was soon expanded, both to provide solutions for specific contracts and on a speculative basis.

### Technical skills

As well as petrochemicals the products handled by Seal Sands include demanding materials such as pharmaceutical grade products, vinyl chloride

monomer, petroleum and biofuels, and high pressure liquid petroleum gases.

Many of these have very special requirements for storage and handling and the Seal Sands Terminal can provide bespoke solutions for each customer and application. This might involve, for example, replacing mild steel pipelines with stainless, lining tanks with rubber, glass or special coatings, heating tanks and pipelines and providing nitrogen blankets to protect the product from the environment and vice versa. Other technical solutions include bespoke blending services, load consolidation and breaking bulk.

Many of these chemicals are hazardous and therefore Seal Sands has developed the technical expertise to provide solutions – either through automation or by providing protective systems – to ensure that risks to either people or the environment are minimised.

Seal Sands also has a sophisticated capability for blending ethanol with denaturant for applications including perfumes, mouthwash and detergents. Each customer and application is different, but the system automatically blends in the right denaturant in the right proportions while the tanker is filled.

### Facilities facts

- 218,000m<sup>3</sup> of storage
- stainless steel tankage
- pressure storage for gases
- 2 jetties (up to 35,000 DWT) – 2 berths
- vapour recovery unit for gasolines
- pipeline connections to Wilton and North Tees
- COMAH Upper Tier site
- automatic road loading for road fuels
- environmental permit to handle hazardous and non-hazardous waste
- RSR permit to handle NORM products

### Tank capacities

Capacity	Number
> 5,000m <sup>3</sup>	11
> 2,500m <sup>3</sup>	11
> 1,550m <sup>3</sup>	25
> 750m <sup>3</sup>	22
< 750m <sup>3</sup>	42

Total 218,000m<sup>3</sup> in 111 tanks

### Key people

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