Ref: Shell Whitemare Pool .001
Date: April 22, 2025

SHELL WHITEMARE POOL

REPLACEMENT OF BELOW GROUND FUEL STORAGE TANKS

PLANNING CONSENT ST/0662/24/FUL
CONDITION 3

The existing fuel dispensers will be decommissioned and removed with existing fuel feed pipework drained back to storage tanks.

The existing fuel storage tanks will have all fuel uplifted and removed from site and the tanks purged of all fuel to make safe.
Careful stripping back of surfacing will take place and shallow excavation to determine the extents to allow installation of steel sheet piled earthwork support to extent of existing fuel tanks to consultant designed depth and including beam support frame.

Existing tanks to be carefully exhumed with care including encasing and surrounding material from original installation. Base foundation to be exposed and broken out to remove from site.

Environmental testing of soils beneath tank installation and excavated material to take place by specialist to ensure no historic pollution has taken place.

Following complete removal and positive testing the void is to be backfilled with clean imported material to allow the removal of the temporary sheet piling.

The new tank installation will take place with the installation of a new temporary sheet piled earthwork support to the area plan area of the new fuel tank installation to allow excavation and installation of new fuel storage tanks in accordance with Shell UK Retail standard tank installation drawing numbered SSD 3.01 21.

Excavation to be fully lined in filter fabric lining material.

Installation will comprise of a concrete base blinding to bottom of excavation to accept new double skinned steel tank vessels complete with base cradle and reinforcement designed to conform with EN. 12285.1 2003 Class A type D. Surface shot blasted and protected with single coat endoprene poyurethene to a thickness of 800MIC.DFT
Vessels to be placed and levelled and cradle cast into a new 225mm reinforced concrete base with tank manufacturer's straps holding tank in place and fixed to cradle anchor.

All vessels to have minimum 300mm encasement of selected pea shingle surround together with 2No observation wells to tank base depth and inspection cover over at surface level.

Pea gravel backfill to surfacing formation level.

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All tank manways are to be fitted with sealed tank access chamber and fusion welded duct entries and pipework.

New tanks are to be permanently under vacuum monitoring with alarm both on site and remotely.

New single skin UPP suction and vent pipework together with twin walled delivery fill pipework encased as tanks with pea gravel surround following inspection and issue of test certification.

All tank chambers are to be permanently monitored as tank interstitial spaces both on site and remotely.