

Condition 16 - 2013/00333/FUL

Coastal Oil and Gas Limited

Unit 9
Bridgend Business Centre
Bridgend
CF31 3SH

St Nicholas Exploration Borehole Information supplied for Condition 16 of Planning 2013/00333/FUL Wheel Washing and Dust Suppression December 2014

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1. Introduction

Coastal Oil and Gas Limited have an approved planning application 2013/00333/FUL:-

- **Drill a single vertical exploration borehole at Site located in field 400m along an unnamed road between the A4266 and Dyffryn (grid ref 308215 : 171623)**

The purpose of this document is to provide a scheme for the wheel washing and dust suppression from the site.

1.1 Site Location

The site is located near Dyffryn, South West of Cowbridge in the St Nicholas and Bonvilston community council's areas of Vale of Glamorgan Borough Council. The national grid co-ordinates for the site are:-

Eastings 308215 Northings 171623



2. Dust Suppression

The drilling operations are conducted at all times with drilling fluids; this effectively prevents the creation of dust in the drilling process.

Dust could be created from working on the site and generated by the drying of the site surface to create a dust. This will be constantly monitored by the site staff and if required the surface will be damped down with clean water to prevent the creation of dust.

In the event of dry weather a road sweeper will be employed, the site conditions will be assessed by the site staff and environmental manager.

3. Wheel Washing

The site is currently used as a storage area for farm supplies (hay bales etc). The site will initially be prepared utilising a low carbon cement to stabilise the surface. Soil stabilisation is a modern and efficient method of strengthening inert soils for vehicular paving. Most cohesive and granular sub-soils can be stabilised. Natural soils as well as man made ground and recycled materials can be utilised. Depending on the soil chemistry, low carbon cement is mixed with the soil to create a hard surface to allow trucks and machinery to operate and move around. Once the exploration drilling has been completed the surface can be broken up and the site restored.

This stabilised surface will remain in place for the period of the drilling and testing of the borehole.

It is not expected for any mud / debris to be tracked on to the public highway from the site. The nearest main public highway is located 5m from the site entrance. This will constantly be monitored by site staff and the environmental manager.

During the site works the initial vehicles will be monitored for tracking debris off the site. In the unlikely event of debris seen on the tyres leaving the site this will be washed off with hand held brush and bucket of clean water. This will be undertaken within the site boundary and all surface water will be retained within the site and stopped from leaving the site by the cut off ditch / bund and collected in the interceptor tank.