



Mr G L Evans
 Natural Resources Wales
 Maes Newydd
 Llandarcy
 Neath Port Talbot
 SA10 6JQ

17th July 2015

Dear Mr Evans,

**Environmental Permitting (England & Wales) Regulations 2010
 Permit number EPR/KP3036AX determined 1st July 2015**

This letter is in response to Schedule 3, Table S1.7 Pre-operational measures for future development, as added by Variation number EPR/AP3830XQ/V010 determined 13th May 2015.

As you are aware, Milford Haven Terminal has approximately 30,000m³ of fuel oil in storage which possesses a high pour point, i.e. is too viscous to pump at ambient temperatures. In order to raise the temperature of the fuel oil for export, Puma Energy is seeking the approval of Natural Resources Wales (NRW) for the use of a temporary boiler to supply steam to Tanks 609 and 610. The following table outlines the details of the combustion plant, as required by Table S1.7 and recent discussions with NRW.

Number of appliances	1
Fuel type	Gas oil (<10mg l ⁻¹ sulphur)
Thermal rated input	3.8MWth
Emission points	1 emission point at 5m elevation
Design features or abatement for minimising air emissions	High efficiency (83.0%); Low NO _x design
Operating regime	Continuous operation for approximately 2 weeks
Aqueous emissions	250kg h ⁻¹ blowdown effluent
Water consumption	5.25m ³ h ⁻¹
Air emissions*	CO ₂ 257,115mg m ⁻³ (dry); 262g s ⁻¹ SO ₂ 324mg m ⁻³ (dry); 0.33g s ⁻¹ NO _x 250mg m ⁻³ (dry); 0.25g s ⁻¹
Noise emissions	85dB _a at 0m; 34dB _a at nearest boundary; 29dB _a at nearest receptor (Rickeston)
Location	Southwest of Substation 3 (see enclosed Plot Plan 15-PUM-001-J-001)

*Typical emissions based on combustion of light fuel oil

Puma Energy request that NRW provide approval, or otherwise, at the earliest opportunity in order that the project can be progressed.

If you require further information in this regard, please contact me at the Terminal.

Puma Energy UK Limited, Milford Haven Terminal, PO Box 10, Milford Haven, SA73 3JD
 Company No. 09156625

Yours sincerely,

Richard Livock

Environmental Engineer

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