



From: Ross, Stuart
To: Bradford, Julie
Subject: FW: Waen Commissioning
Date: 12 May 2014 13:46:36

For public register – you could replace the previous e-mail with this one as all text is copied below.

Stu

From: Kate Lister [mailto:Kate.Lister@biogen.co.uk]
Sent: 09 May 2014 09:48
To: Ross, Stuart
Cc: Lee Lockett
Subject: RE: Waen Commissioning

Stuart,

Apologies I also meant to include a reference to POM1. As discussed our IMS is electronically based, rather than send paper copies please could we arrange a time for you to view the system online as this will enable us to talk you through how it works and demonstrate the access on site. I will liaise with the site team regarding the internet connection and then be in touch to arrange a suitable date and time.

Kind regards,

Kate

Kate Lister | Head of Compliance | Biogen

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The Observer Ethical Awards 2011 – Runner up | Rushlight Awards 2009 – Winner in 3 categories

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From: Kate Lister
Sent: 08 May 2014 16:06
To: Ross, Stuart (Stuart.Ross@cyfoethnaturiolcymru.gov.uk)
Cc: Lee Lockett; Liam O'Kane
Subject: RE: Waen Commissioning

Stuart,

Further to our discussion, I have spoken to the Construction Site Manager and can clarify the following:

- The interceptor is installed and complete. Any spillage in the bund would be contained within the bund, in the unlikely event a spillage occurs within the bund a trash pump would be rigged up to return the digestate to the digester. In the unlikely event of a spill on the front apron it would enter the harvesting tank and therefore be contained. Minor spills would be dealt with by the way of absorbent granules and spill kits which are located on site.
- All oil stored in tanks on site for the boiler, fuelling loaders, etc are in integrally banded tanks. The jet washer is mains powered.
- The bund wall is complete, the flood gate will be closed and locked at the end of the working day.

	STATUS	DATE
OK FOR PUBLIC REGISTER	SN	23/5/14
COPIED TO PUBLIC REGISTER	JB	EDRM

If you wish to discuss this further or require any further clarification, please do not hesitate to contact me.

Kind regards,

Kate

Kate Lister | Environment Manager | Biogen

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From: Kate Lister
Sent: 08 May 2014 14:54
To: Ross, Stuart (Stuart.Ross@cyfoethnaturiolcymru.gov.uk)
Cc: Lee Lockett
Subject: Waen Commissioning
Importance: High

Stuart,

Further to our conversation yesterday, please find attached the commissioning plan. There are some further comments which will hopefully address the matters you will be concerned with, these are as follows:

- We are initially only looking to seed D1, this was following an onsite risk assessment yesterday when reviewing valve security, cordoning off and any on-going works in the bunded area. To this end, D1 will be segregated by tape to prevent an isolation zone around the digester such that no traffic or unauthorised personnel enter the area thereby reducing the environmental and safety risks.
- The displaced air and off-gases during the initial seeding will be vented through the wessoa (pressure relief valve), the liquid relief hatch will be closed. As stated this is the method by which we have commissioned all of our sites, to date we have never received odour complaints as a result of this exercise as any odour generated has been minimal and is dispersed at high level. We are left with little option but to vent for safety reasons due to the potential explosive mix in the initial stages. It is anticipated that we will vent for the first week, this would equate to approximately 100m³ of gas being vented in 4-5 days. We will not be gas mixing at this stage and will undertake only a small amount of hydraulic mixing to sustain bacterial populations and health.
- Once the gas is safe (non-explosive oxygen content) the gas will be burnt in the surplus gas burner, initially we will utilise propane to assist the burn as the gas quality will be low. This will be until such time that the methane content is sufficient to sustain combustion.
- We are looking to approximately 3 deliveries on Monday and Tuesday next week, this may increase to 5 by the middle to end of the week and will be dictated by vehicle journey times as we have tankers on turnaround.
- Responsibilities have been clearly defined and these individuals will be fully briefed prior to commencement.
- Environmental checks will be implemented and documented, these will be available for inspection.

I am looking to attend Waen on Thursday to undertake an internal compliance inspection and conduct an off-site impact assessment to ensure our operations are not causing disturbance.

I trust this addresses PM02 under table S1.3 'Pre-operational measures', however please do not hesitate to contact me if you wish to discuss this further.

Kind regards,

Kate

Kate Lister | Environment Manager | Biogen

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