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Ref:
KB/IO/05

Telephone Number:
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Date:
18th May 2015

**Subject: Environmental Permitting (England and Wales) Regulations 2010
EA/EPR/BW9999IG – Extension of our temporary consent for Ammonia and
Formaldehyde in the surface water discharge to the Afon Bradley.**

Dear Ian

I am writing to update you on the lagoon aeration, bacterial treatment, and wetlands project with Living Water Ecosystems. As previously discussed we decided to split the project into 2 phases:

Phase 1 - will cover aeration and the use of planted rafts within the Lagoons this has replaced the requirement for bacterial gel attached to pumice set out in the original proposal. Another significant change is that the aerators are now floated out onto the lagoons rather than being sat on concrete plinths within the lagoons.

Phase 2 - will consist of floating wetland plant rafts as a final polishing stage before discharge to the Afon Bradley.

As part of this project we discussed the possibility of carrying out some cleaning work in and around the Afon Bradley this will be carried as part of phase 2 of the project.

Temporary Consents

It was agreed at our meeting on the 9th September 2014 that we should formally request for an extension of the temporary emission limits which we did in a letter to you dated the 11th November 2014

You granted an extension of the temporary consents until 30th June 2015 on the basis that phase 1 of the project would be complete and we could review the quality of the discharging water with a view to returning to the original limits.

The current situation is that we are close to resolving the issues experienced with the continuous monitoring for Formaldehyde and ammonia we have been running the system for ~ two weeks with very few issues although we can still improve the sampling arrangements. As a result of the progress with this work we are close to activating the order with Living Water for Phase 1 of the project to cover the Lagoon aeration and bacterial treatment however we will not have phase 1 completed and proved before the 30th June 2015.

As a result I would like to formally request a further extension of the temporary relaxation for the emission limit values to water as detailed below;

Ammonia temporary elv 5 mg/l,
Formaldehyde temporary elv 2 mg/l.

If possible an extension until the end of December 2015 would allow us to:

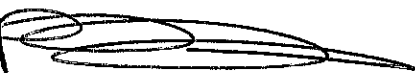
1. Further work to improve sampling arrangements at the lagoons inlet prior to the continuous monitoring for formaldehyde and ammonia
2. Complete Phase 1 of the project, Aeration and planted rafts in all 3 lagoons
3. Determine the improvement made in formaldehyde and ammonia levels in the waters discharging from the lagoons.

All other emission limit values in table 4.2 of our permit are to remain unaltered, as do the monitoring and reporting requirements.

When the order has been activated for phase 1 we will write to you with a project timeline

I hope this meets with your approval.

Yours sincerely,



Keith Baker
EH&S Manager