

[REDACTED]

From: EIR
Sent: 05 November 2024 16:21
To: [REDACTED]
Subject: [REDACTED]

Dear [REDACTED]

Provision of requested information

Thank you for your request for information about the P stripper at Linton STW, which we received on 14 October 2024. Your request has been considered under the Environmental Information Regulations 2004.

When new equipment is installed on sites we have commissioning periods where we set up the equipment and then a handover period when we test that the plant will perform as expected. This is our normal practice.

- Are you obliged to tell the EA of the P results before the permit officially kicks in? No P data show on EA WIMS yet but there hasn't been a sample result entered for six weeks.

We do not have to sample the site with regulatory samples that are submitted to the EA until the new P limit comes into force, although we do have to demonstrate to them that we have appropriate treatment in place to meet the new permit conditions

- Is the permit **0.5 mg/l P** and does it formally start by 31/12/24?

Yes the new P limit is 0.5mg/l and it will come in to force by the 31/12/2024

- Will the P stripper now be in continuous use until the formal start of the permit?

No the Dosing equipment that we have on site for the removal of Phosphorus has been turned off and will be turned back on in advance of the new permit date to ensure that it is operating correctly

- Might the permit start date slip to 2025? If not can I now release this information about the permit starting by end of 2024 to the farmers and others who were at catchment meeting on 10th Oct (when I said a permit of 0.25 kicks in before end of 2030 and didn't mention AMP7)?

I am not aware of any reason that the start date for the new limit of 0.5mg/l P should slip

- Why are my last two phosphate readings so low (Hach colour wheel result was similar to Hanna HI-713)? I now believe the reagent and checker but they are incredibly low **but now I am worried that iron in the effluent is severely interfering with the result and making them too low**. This latter issue is for me to address which I have not encountered before. (Once, at Haslingfield my Hanna reading was within 10% of a reading on an expensive Hach sampled by AW staff).

I do not know why your last 2 Phosphate reading would be very low to the best of my knowledge we have not been dosing since end of August, and even when we were dosing we were getting very low levels of Iron discharging from site well within what would be our permitted limit so wouldn't expect any interference.

- Are you trialling a stripper aimed to achieve very low P and much lower than 0.5?

We are not trialling a different type of Phosphorus removal at Linton we are using the same method of Phosphorus removal that we use on most of our sites, which is the use of Iron dosing.

- What phosphate-P results is AW achieving?

During the commissioning of the Dosing equipment we were getting results comfortably below the 0.5mg/l limit that will be coming in in December.

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If you have any queries about this email, please contact me.

Yours sincerely

EIR Team

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