



From: [Ross, Stuart](#)
To: [Bradford, Julie](#)
Subject: FW: Chlorite / Chlorine Dioxide Monthly Reporting
Date: 28 October 2013 09:53:05
Attachments: [Q3 NRW Chlorinedata 2013.xlsx](#)

From: Black, Andrew [mailto:Andy.Black@eon-uk.com]
Sent: 27 October 2013 13:45
To: Ross, Stuart
Cc: Plass, Jason; Felgate, Michael
Subject: Chlorite / Chlorine Dioxide Monthly Reporting

Stuart

Please find enclosed a spreadsheet recording daily maximum concentrations for Chlorite and Chlorine Dioxide across the Chlorine Dioxide dosing installation at Connahs Quay for the period of June to September 2013.

The Spreadsheet details highest maximum daily recordings for each analyser across the system, an individual tab details maximum monthly recorded levels for relevant parameters at each discharge point and additionally a quarterly breakdown.

Please note the following factors when viewing the spreadsheet

The June 2013 data for 09-CTE167AT (Purge Discharge Chlorite) is considered erroneous due to installation and calibration issues. This data is not representative

The data detailed from CPC304AT – Purge Pond A Residual Chlorine Dioxide is considered erroneous. The analyser is recording correctly but there is incorrect data manipulation within the PI / DCS system. ,this is currently subject to investigation

Analyser CPC309AT – Purge Pond B Residual Chlorine Dioxide is considered correct and indicative of a more realistic concentration of residual Chlorine Dioxide within the Purge Ponds. Scotmas (System installation engineers) are working to correct the issues with CPC304AT.

Additionally, as discussed recently we remain still within Phase 1 of the Chlorine Dioxide Dosing System commissioning programme. Delays in system installation and also initial commissioning challenges with the monitoring system mean that we will not be in a position to complete Improvement Clause 20 (IC20) until the end of the year (31st December 2013). Clearly the site will not progress to Phase 2 of the commissioning programme until IC20 is submitted and accepted. In the meantime there has been limited progress with the installation of the equipment required to reach Phase 2, and thus the following works are still yet to be completed before Phase 2 could commence :

Final installation of dosing pipework along settlement tank wall

Installation of a Chlorine Dioxide dosing / storage tank.

Digging of trench to connect Chlorine Dioxide tank to CTI equipment

Connection of pipework from tank, under road and along to CTI plant

Connection of electrical data systems to enable dosing operation.

These works continue to remain outstanding, therefore E.ON are unable to suggest a proposed

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timescale of submission of IC21, but suggest a revision of potential deadlines following submission of IC20. E.ON will not commence Phase 2 of the commissioning program unless IC20 has been submitted, accepted and NRW permission granted for Phase 2 to occur.

Initial commissioning works have proved so successful with the clean up of cooling tower pack, that a formal review of the requirement to install Phase 3 of the system (cooling tower dosing to the cooling tower pack) may now occur.

I would be grateful if you could confirm acceptance of this proposed amended timescale. Additionally please feel free to contact myself should you have any queries with regard to the enclosed monitoring sheet.

Kind Regards

Andy

Andy Black

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Purge Pond

Tag

Descriptor

Emission Point

	09-CTE167AT	09-CTE167AT	09-CPC167AE	09-SXS601AT
	Purge Discharge Chlorite	Purge Discharge Chlorite	Purge Discharge Chlorine Dioxide	Surface Water CLO2
	W1	W1	W1	W2
Limit	10 mg/l	Average : 5 mg/l	N/A	N/A

MAX

Jan				
Feb				
Mar				
Apr				
May				
Jun				
Jul	0.074043274	0.052252859	0.002154648	0.013019562
Aug	0.051529884	0.051529884	0.002292693	0.013019562
Sep	0.051529884	0.051528809	0.00205487	0.013022661
Oct				
Nov				
Dec				

Q1				
Q2				
Q3	0.074043274	0.052252859	0.002292693	0.013022661
Q4				