

Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	EPR/DB3131AF
Name of operator	Miller Argent (South Wales) Limited
Location of Facility	Ffos-y-fran Land Reclamation Scheme
Time and date of the detection	3rd December 2015

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	Intermittent issue started 3 rd December 2015
Reference or description of the location of the event	This form is submitted for notification only of a malfunction of the telemetry link between our lagoon water monitoring probes and email connection. Miller Argent have interim measures in place to monitor discharges from site. This malfunction will not cause significant pollution. Section 4.3.1 of Permit EPR/DB3131AF requires that Permit Holder notifies NRW in the event of monitoring equipment malfunctions.
Description of where any release into the environment took place	n/a
Substances(s) potentially released	n/a
Best estimate of the quantity or rate of release of substances	n/a
Measures taken, or intended to be taken, to stop any emission	n/a
Description of the failure or accident.	The modem dial up system for each of the four lagoons has an intermittent fault, on the 3 rd December 2015 it stopped dialling in to both Miller Argent and Partech (equipment suppliers) which meant Miller Argents Environmental Officer was not electronically receiving the once daily probe reading emails for the previous 24 hour period. The probes themselves are still working and hourly data (suspended solids and pH) can be extracted manually from the probes internal data card. NB: No hourly water quality monitoring data has been lost.

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	n/a
Parameter(s)	Suspended Solids and pH
Limit	<ul style="list-style-type: none"> • Suspended solids (measured after drying at 105^o C) = 50 mg/l • pH 5 to 9
Measured value and uncertainty	n/a
Date and time of monitoring	Twice daily (am & pm) water samples manually taken from each of the discharging lagoons. Probes still taking hourly readings but data is currently only accessible by manually downloading data from the probe data cards.
Measures taken, or intended to be taken, to stop the emission	n/a
Additional Notes:	<p>Miller Argents Environmental Officer has been liaising with Partech the probe suppliers to discuss reasons for the intermittent fault and why the probes have all stopped emailing data. They do not have any ideas as they say it's not a problem they have come across before.</p> <p>Why the probes aren't emailing data, at least two water samples are being taken daily (am and pm) from discharging lagoons – a visual inspection is made (for e.g. cloudiness of the water) and the samples are measured for pH. If samples are not clear they are tested for suspended solids (using a Palin tube).</p> <p>In the meantime, the probe data is being manually downloaded from the probes data cards by the Environmental Officer.</p> <p>A full record of the results of all samples analysed have been recorded and kept on file.</p>

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
Ongoing issue – notified David Griffiths of issue to ask for advice on whether current mitigation measures being taken by Millar Argent are sufficient while water quality data isn't being emailed in.	Ongoing – watching brief

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	To date all daily water samples taken manually have shown the majority of water quality to have fallen well within the parameters set within the permit for each of the 4 lagoon's on site.
Substances(s) detected	n/a
Concentrations of substances detected	n/a
Date of monitoring/sampling	Twice daily monitoring of water samples, hourly probe data being recorded. To date, since the email failure, 5 samples have been sent to a UKAS laboratory for suspended solids level checks. Of these, 4 have shown SS to be below the permitted 50mg/l. The 5 th sample is awaiting lab results (sent 18.12.15).

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	n/a
Measures taken, or intended to be taken, to prevent a recurrence of the incident	A new 'dial up' communications system is being installed by Partech w/c 14 th January 2016 (earliest date their engineers are available). In the meantime, the (at least) twice daily water samples will continue to be manually analysed for pH and suspended solids and probe data (pH, suspended solids, temperature and flow) held within each of the four lagoon stations data cards will be manually extracted and recorded.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	No pollution has been caused by this issue – however additional daily water samples will be taken to insure water conditions have not changed during the day which could lead to a breach in the Permit consented parameters.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	n/a

Name*	Georgina Taubman
Post	Environmental Liaison Officer
Signature	
Date	22.12.15

* authorised to sign on behalf of the operator