

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 PPC Regulations.

Part A

Permit Number	EPR/BL1096IB/V013
Name of operator	Castle Cement Limited
Location of Installation	Padeswood Works, Padeswood, Mold.
Time and date of the detection	30/03/2017 17:20

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection	
Date and time of the event	30/03/2017 17:20
Reference or description of the location of the event	Offsite water pumping station
Description of where any release into the environment took place	Discharge of water from the pumping into the surrounding area of the pump station
Substances(s) potentially released	A mix of surface water drainage contaminated with a small amount of foul sewer drainage.
Best estimate of the quantity or rate of release of substances	Unable to give an estimate at this time.
Measures taken, or intended to be taken, to stop any emission	The pumps in the pumping station were restarted, and their status will be checked frequently over the coming days. The pump maintenance company has been contacted and will be visiting the site to carry out an inspection
Description of the failure or accident.	The pumps in the pump station appear to have tripped and had not been restarted. This led to an overflow of the sump and subsequently material from the sump was discharged into the local vicinity of the pumping station.

(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	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

Measures taken, or intended to be taken, to stop the emission	
Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(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	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	The alarm system on the pumping station failed, which meant that once the pump tripped the personnel on site were not made aware. During a site walk around it was noted that the pumping station was not functioning and it was discharging into the vicinity. Following this the pumping station was immediately restarted and put back into normal operation, which frequent checks to ensure it was functioning correctly. During a visit from the pump maintenance contractor it was also identified that the PLC logic had not been correctly implemented, which led to over working and excessive wear on one of the pumps, which would have been a contributing factor to its failure.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	A service of the pumping station was organised and before this was carried out an inspection of its operation was checked twice per shift by the on duty manager. The pumps received an additional visit from the maintenance contractor, whereby both audible and visible alarms were fitted to alert the site in times of the pumps tripping or through high level in the sump. In addition to this both pumps received a thorough service including the replacement of parts to ensure their continuing function. The logic circuit error was fixed to ensure that the pumps receive equal wear during operation. An inspection of the foul sewer and surface water course will be carried out to identify if there is a possibility to reduce the volume of surface water processed by the pumping station.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment	An inspection of the surrounding area was carried

which has been or may be caused by the emission	out to determine if a clean-up was required after the emission, however there no visible or odorous discharge present and it was deemed this would not be required.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	01/04/2015 06/07/2015 15/07/2015 17/07/2015 23/08/2015 06/02/15 01/04/15 06/07/15 15/07/15 17/07/15 23/08/15 10/09/2015 15/10/2015 07/12/2015 02/01/2016 13/02/2016 14/02/2016 26-28/08/2016 24/11/2016 03/02/2016

Name*	Robert Keough
Post	Quality & Environmental Manager
Signature	Robert Keough
Date	02-05-2017

* authorised to sign on behalf of Castle Cement Limited