

Schedule 6 Notification

Part A

Permit Number	BU0800IZ
Name of Operator	3C Waste Limited
Location of Installation	Llanddulas Landfill Site
Time and date of the detection	21st July 2015 (sampled) – lab report received 6 th August 2015

(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	n/a
Reference or description of the Location of the event	n/a
Description of where any release into The environment took place	n/a
Substance(s) potentially released	n/a
Best estimate of the quantity or rate Of release substances	n/a
Measures taken or intended to be taken, To stop any emission	n/a
Description of the failure or accident	n/a

(b) Notification requirements for the breach of a limit

To be notified within 24 hours unless otherwise specified below

Emission point reference/ source	Groundwater borehole – GWBH36			
Parameters(s)	Potassium			
Limit	See below			
Measured value and uncertainty	Sample ID	Determinand	Trigger	Value
	GBWH36	Potassium	12mg/l	22mg/l
Date and time of monitoring	Sampling took place on 21st July 2015 and was reported to FCC by the laboratory on 6 th August 2015.			

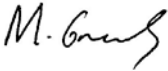
Measures taken or intended to be taken, to stop any emission	Groundwater borehole GWBH36 has breached the trigger limit (12mg/l) for Potassium with a value of 22mg/l. The limit was exceeded previously in January with a value of 39mg/l and in April with a slightly reduced concentration of 36mg/l. The amount of Potassium detected in GWBH36 was noted to have further reduced when we received results of 'passive sampling' carried out by external monitoring contractors on our behalf. Water samples were taken on 16 th June 2015 at depths of 105m (28mg/l Potassium), 115m (29mg/l) and just above the borehole base at 125m (32mg/l). The most recent results have confirmed the downward trend in concentration of potassium in this borehole (22mg/l). All other determinands tested for in GWBH36 have been graphed and none of them exceed their trigger limits or show elevated levels or upward trending levels. For example, Ammoniacal Nitrogen is at <0.01mg/l and the Chloride concentration is 62mg/l which is well below the 250mg/l limit. Looking at historical data there have been spikes of Potassium in borehole GWBH36 previously but levels have returned to background concentrations within a few months. We have requested that our contract laboratory retest the sample and we will report the result once received.
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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	n/a
Substance(s) detected	n/a
Concentrations of substances Detected	n/a
Date of monitoring/sampling	n/a

Part B

Any more accurate information on the matters for notification under Part A.	The water sample was retested and the original result of 22mg/l confirmed.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	We will continue to review the data and assess trends.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	n/a
The dates of any unauthorised emissions from the installation in the preceding 24 months.	As previously reported via Schedule 6.

Name:	Martin Greaves
Post:	Regional Environment Manager
Signature:	
Date:	12/08/15