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	**BV0759IC**
Name of operator	**CELSA Manufacturing (UK) Ltd**
Location of Facility	**Castle Works, Tremorfa, Cardiff CF24 5EU**
Time and date of the detection	**12/11/2018 at 13:00 Sample Taken** **26/11/2018 Analysis Complete**

(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	12/11/2018
Reference or description of the location of the event	Breach in free chlorine at interceptor
Description of where any release into the environment took place	There was no release of water high in free chlorine into dock, just where spot sample taken.
Substances(s) potentially released	Cl
Best estimate of the quantity or rate of release of substances	No free chlorine would have been released into the environment, release of water into the dock is controlled by ISO valve which would not have been opened if there was high free Cl
Measures taken, or intended to be taken, to stop any emission	See above
Description of the failure or accident.	See above

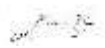
(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	**A1**
Parameter(s)	**Cl**
Limit	**Cl = 0.1 mg/l**
Measured value and uncertainty	0.13mg/l
Date and Time of Monitoring	**12 November (no specific times given)**
Measures taken, or intended to be taken, to stop the emission	Water was not discharged into the dock. See below,

Time periods for notification following detection of a breach of a limit	
Parameter	**Notification period**

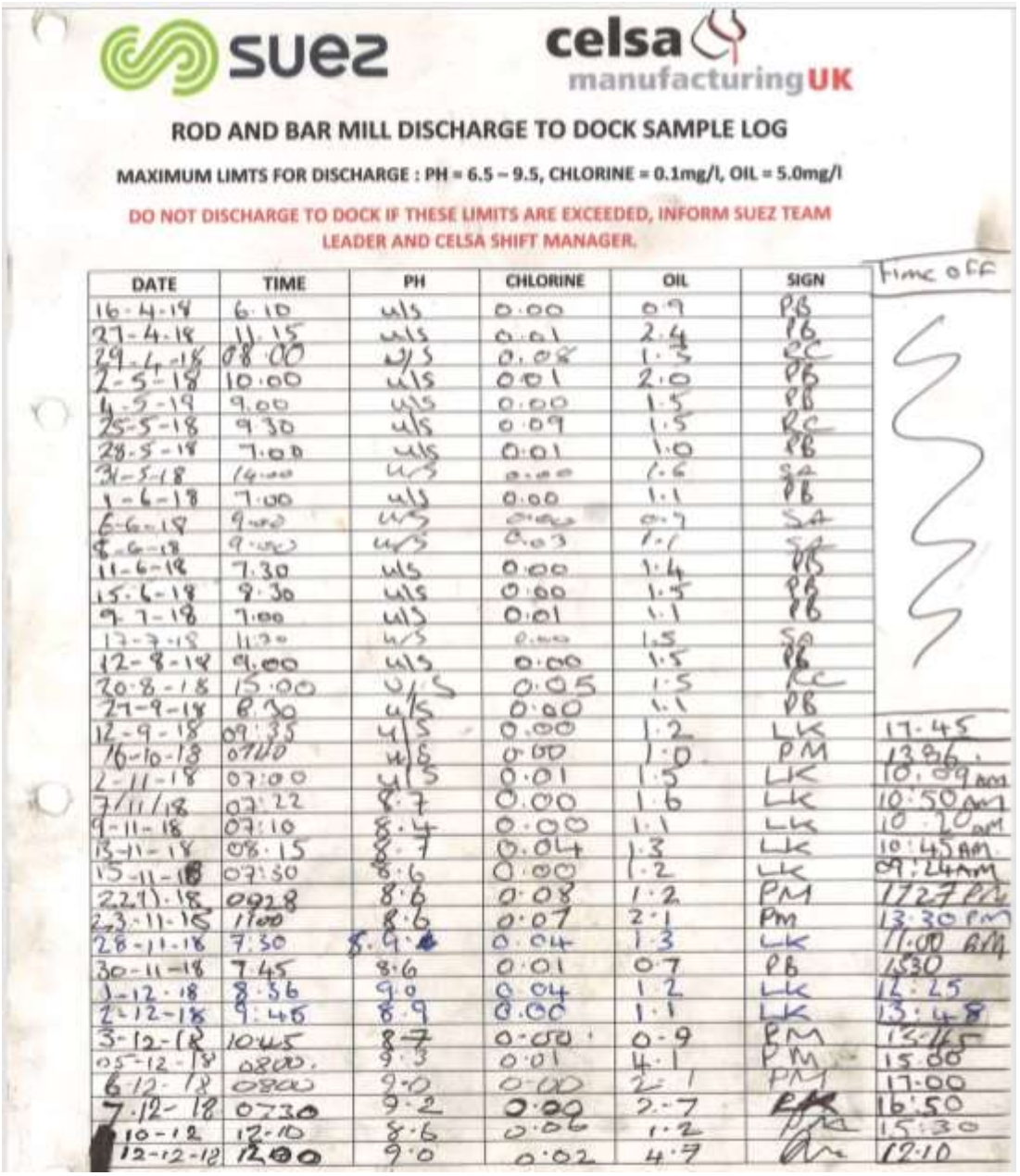
(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	The water sample analysed for Free Chlorine was taken from water that had pooled near the interceptor at the Rod and Bar Mill. Although this particular analysis for free chlorine resulted in a breach by 0.03mg/m3, CELSA would not have discharged this water into the dock. In addition, the concentration of free chlorine will have decreased with time through dissociation. Therefore, we know that when the valve to the dock was opened free chlorine would have dropped down to required limits. Attached is supplementary data showing discharge to the dock throughout November. There were no free chlorine breaches, as CELSA cannot discharge unless we are below the required limit.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	All future samples will be taken before the valve to the dock is opened, as this will reflect the true concentration of chlorine.
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	As above.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	See above

Name*	Gabriella Nizam
Post	Environmental Advisor
Signature	
Date	12/02/2019

* authorised to sign on behalf of CELSA Manufacturing UK Limited



suez

celsa manufacturing UK

ROD AND BAR MILL DISCHARGE TO DOCK SAMPLE LOG

MAXIMUM LIMTS FOR DISCHARGE : PH = 6.5 – 9.5, CHLORINE = 0.1mg/l, OIL = 5.0mg/l

DO NOT DISCHARGE TO DOCK IF THESE LIMITS ARE EXCEEDED, INFORM SUEZ TEAM LEADER AND CELSA SHIFT MANAGER.

DATE	TIME	PH	CHLORINE	OIL	SIGN	Time OFF
16-4-18	6.10	W/S	0.00	0.9	PB	
27-4-18	11.15	W/S	0.01	2.4	PB	
29-4-18	08.00	W/S	0.08	1.5	SC	
2-5-18	10.00	W/S	0.01	2.0	PB	
4-5-18	9.00	W/S	0.00	1.5	PB	
25-5-18	9.30	W/S	0.09	1.5	RC	
28-5-18	7.00	W/S	0.01	1.0	PB	
31-5-18	14.00	W/S	0.00	1.6	SA	
1-6-18	7.00	W/S	0.00	1.1	PB	
6-6-18	9.00	W/S	0.00	0.7	SA	
8-6-18	9.00	W/S	0.03	1.1	SA	
11-6-18	7.30	W/S	0.00	1.4	PB	
15-6-18	9.30	W/S	0.00	1.5	PB	
9-7-18	7.00	W/S	0.01	1.1	PB	
17-7-18	11.30	W/S	0.00	1.5	SA	
12-8-18	9.00	W/S	0.00	1.5	PB	
30-8-18	15.00	W/S	0.05	1.5	RC	
27-9-18	8.30	W/S	0.00	1.1	PB	
12-9-18	09.35	W/S	0.00	1.2	LK	17.45
16-10-18	07.00	W/S	0.00	1.0	PM	13.30
2-11-18	07:00	W/S	0.01	1.5	LK	10.09 AM
7/11/18	07:22	8.7	0.00	1.6	LK	10:50 AM
9-11-18	07:10	8.4	0.00	1.1	LK	10:10 AM
13-11-18	08:15	8.7	0.04	1.3	LK	10:45 AM
15-11-18	07:50	8.6	0.00	1.2	LK	09:24 AM
22.11.18	0928	8.6	0.08	1.2	PM	17.27 PM
23-11-18	1100	8.6	0.07	2.1	PM	13.30 PM
28-11-18	7.30	8.9	0.04	1.3	LK	11.00 AM
30-11-18	7.45	8.6	0.01	0.7	PB	1530
1-12-18	8.56	9.0	0.04	1.2	LK	16.25
2-12-18	9.45	8.9	0.00	1.1	LK	13.48
3-12-18	10.45	8.7	0.00	0.9	PM	13.45
05-12-18	0800	9.3	0.01	4.1	PM	15.00
6-12-18	0800	9.0	0.00	2.1	PM	17.00
7-12-18	0730	9.2	0.00	2.7	PM	16.50
10-12	12.10	8.6	0.06	1.2		15.30
12-12-18	1200	9.0	0.02	4.7		12.10