

Schedule 1 – 5.1.1 Notification

PART B

Permit Number:	BR9715IB
Name of Operator:	Solutia UK Ltd
Location of Installation:	Corporation Road, Newport, Gwent, NP194XF
Location of the emission:	'W2' Effluent Discharge
Time and date of the emission:	23/12/2020 commencing 17:00

<p>Any more accurate information on the matters for notification under Part A</p>	<p>Nothing additional to add to the circumstances surrounding the pumping during cease discharge period to avoid further flooding to the site</p> <p>However, certain additional permitted emission limits apply when surface water pumping is required under such circumstances. These are as follows for the date in question:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th style="text-align: center;">Limit</th> <th style="text-align: center;">Measured</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Cadmium</td> <td style="text-align: center;">3.5 ug/l</td> <td style="text-align: center;">0.14 ug/l</td> </tr> <tr> <td style="text-align: center;">Mercury</td> <td style="text-align: center;">1.5 ug/l</td> <td style="text-align: center;">0.2 ug/l</td> </tr> <tr> <td style="text-align: center;">PCP</td> <td style="text-align: center;">15 ug/l</td> <td style="text-align: center;">3.8 ug/l</td> </tr> <tr> <td style="text-align: center;">TCB</td> <td style="text-align: center;">20 ug/l</td> <td style="text-align: center;">0.2 ug/l</td> </tr> <tr> <td style="text-align: center;">COD</td> <td style="text-align: center;">500 mg/l</td> <td style="text-align: center;">23 mg/l</td> </tr> <tr> <td style="text-align: center;">pH</td> <td style="text-align: center;">6-9</td> <td style="text-align: center;">pH 7.3</td> </tr> </tbody> </table> <p>As can be seen from the table, all of the parameters are well within the permitted consent limits</p>		Limit	Measured	Cadmium	3.5 ug/l	0.14 ug/l	Mercury	1.5 ug/l	0.2 ug/l	PCP	15 ug/l	3.8 ug/l	TCB	20 ug/l	0.2 ug/l	COD	500 mg/l	23 mg/l	pH	6-9	pH 7.3
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<p>Measures taken, or intended to be taken, to prevent a recurrence of the incident</p>	<p>There are some flood protection projects scheduled to take place in 2021, both internally to the site (to protect critical infrastructure), and in the wider locality – namely the 'Stephenson Street Flood Alleviation Scheme'. That said, these mainly relate to tidal flooding protections rather than rainwater, and so there will be little additional benefit against such future periods of prolonged and heavy rainfall</p>																					

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	None proposed
The dates of any unauthorised emissions from the installation in the preceding 24 months	23/12/2020 - Effluent Flood Discharge [This Notification] 31/10/2020 - Amino Stripper 20/08/2020 - GT Water Injection Unit 09/06/2020 - T66 Pumphouse 20/04/2020 - Biphenyl Vent 08/10/2019 - PCP in Effluent 18/08/2019 - PCP in Effluent 01/08/2019 - TH3 Pyro Feed 16/07/2019 - TH2 FA vent 24/06/2019 - PCP in effluent 02/11/2019 - PCP in effluent

*** Signed:** 

Date: 25/01/2021

* authorised to sign on behalf of Solutia UK Ltd