



Schedule 1

Notification of Unauthorised Release

Operator: Tata Steel UK Ltd

Authorisation: BS3905IP

Location: Llanwern Works
Newport
South Wales
NP19 4QZ

Date Submitted: 23/07/2018

PART B

- Further details of the release and results of any investigations carried out**

This Part B is a follow-up to the Part A Notification for a breach of elevated cadmium levels on 28th April 2018 at the W1 effluent release point. Levels in excess of the 0.05 mg/l limit, for cadmium, were recorded with a peak of 0.058 mg/l. This sample was a weekly composite sample.

- Measures taken or intended to be taken to prevent a recurrence of the incident**

No potential site process source has been identified for the elevated cadmium levels but dissolved cadmium has been detected coming into the site from the drain inlets at the northern boundary and Drain 3. It is our understanding that the catchment for these drains extends to Underwood in the north, Llanwern in the west and to the edge of Wilcrick Moor in the east.

In the week that the composite sample was taken, the spot sample results were:

Date	22/05/18	23/05/18	24/05/18	25/05/18	26/05/18	27/05/18	28/05/18
Lagoon 14 Outlet	0.006	<0.001	<0.001	<0.001	0.013	0.036	0.016
S Drain 6 (Outlet)	0.005	<0.001	<0.001	<0.001	0.014	0.029	0.029
S Drain 8 (Outlet)	<0.001	<0.001	<0.001	<0.001	0.010	0.032	0.022
S Drain 10 (Outlet)	0.014	<0.001	<0.001	<0.001	0.013	0.032	0.029
N Drain 6 (Inlet)	0.006	<0.001	<0.001	<0.001	0.011	0.022	0.033
N Drain 8 (Inlet)	0.006	<0.001	<0.001	<0.001	0.009	0.034	0.027
Drain 3	0.010	<0.001	<0.001	<0.001	0.019	0.026	0.028

- Measures taken, or intended to be taken, to: rectify, limit or prevent any pollution of the environment or harm which has been caused by the emission**

Tata has no control over the catchment beyond our boundary but will continue to monitor the selected incoming drains for cadmium.



• **The dates of any PART A notifications within the previous 24 months**

2018 05 24 – URA pH
2018 04 28 – URA Cadmium
2018 03 18 - URA HCL
2018 03 22 – URA Cadmium
2018 02 24 – URA Cadmium
2017 12 30 – URA Cadmium
2017 10 07 – URA Cadmium
2016 12 29 – URA hydrocarbon oil
2016 08 24 & 29 – URA hydrocarbon oil
2016 08 21 – URA suspended solids
2016 08 15 – URA suspended solids
2016 08 09 – URA suspended solids
2016 07 16 – URA suspended solids

Name: Michael Launder

Position: Environmental Engineer

23/07/2018

X 

Signature: Signed by: B073159

[Signed on behalf of Tata Steel Strip Products UK]