



Schedule 1

Notification of Unauthorised Release

Operator: Tata Steel Strip Products UK

Authorisation: BS3905IP **Location:** Llanwern works
Newport

Date Submitted: 12/08/2021 South Wales
NP19 4QZ

PART A																			
<ul style="list-style-type: none"> Name of the prescribed substance or other substance which might cause harm Failure to analyse for mercury (Hg) for three weeks at W1 Lagoon 14. 																			
<ul style="list-style-type: none"> Time, date and location of the release 3 x weekly composite samples missing for Lagoon 14 (W1). This has affected samples for weeks commencing the 05/07/2021 (Week 27), 12/07/2021 (Week 28) and 19/07/2021 (Week 29). 																			
<ul style="list-style-type: none"> Best estimate of the quantity of the substance released, or the rate of release and the time during which the release took place Unknown, however mercury levels in the weeks prior and following the missing results are as follows: <table border="1"> <tbody> <tr><td>Lagoon 14 wk 20</td><td><0.05 ppb</td></tr> <tr><td>Lagoon 14 wk 21</td><td><0.05 ppb</td></tr> <tr><td>Lagoon 14 wk 22</td><td><0.05 ppb</td></tr> <tr><td>Lagoon 14 wk 23</td><td><0.05 ppb</td></tr> <tr><td>Lagoon 14 wk 24</td><td><0.05 ppb</td></tr> <tr><td>Lagoon 14 wk 25</td><td>0.10 ppb</td></tr> <tr><td>Lagoon 14 wk 26</td><td><0.05 ppb</td></tr> <tr><td>Lagoon 14 Wk 30</td><td><0.05 ppb</td></tr> <tr><td>Lagoon 14 Wk 31</td><td><0.05 ppb</td></tr> </tbody> </table> <p>Nearly all of the Hg results with the exception of week 25 are below our limit of detection of 0.05 µg/l, well below the permit limit of 0.05 mg/l.</p>		Lagoon 14 wk 20	<0.05 ppb	Lagoon 14 wk 21	<0.05 ppb	Lagoon 14 wk 22	<0.05 ppb	Lagoon 14 wk 23	<0.05 ppb	Lagoon 14 wk 24	<0.05 ppb	Lagoon 14 wk 25	0.10 ppb	Lagoon 14 wk 26	<0.05 ppb	Lagoon 14 Wk 30	<0.05 ppb	Lagoon 14 Wk 31	<0.05 ppb
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Lagoon 14 Wk 31	<0.05 ppb																		
<ul style="list-style-type: none"> Additional information Analytical Labs accidentally disposed of sample prior to analysis. Labs have conducted an initial investigation and put remedial actions in place to prevent recurrence. Full details of completed Lab investigation to be provided in Part B. 																			
<ul style="list-style-type: none"> Measures taken, or intended to be taken to stop the release 																			

- Introduction of visual management and competency assessments against the safe working procedure
- Shift lead technician to audit the sample sheet on each collection day (Sunday) and if sample is not there and no signature, to contact Energy Distribution team for confirmation that sample has been collected.
- Introduction of an agenda item in the Harbourside Daily Stand Up Meeting to confirm if the W1 sample has been received by Tuesday and analysed/reported by Friday. To be escalated if not.

[Redacted]

Position: Environmental Engineer

Signature:

[Redacted]