

Schedule 5 Notification

PART A

Permit Number:	BR9715B
Name of Operator:	Solutia UK Ltd
Location of Installation:	Corporation Road, Newport, Gwent, NP194XF
Location of the emission:	TH3 Reflux Drum Drain
Time and date of the emission:	12/10/2023 17.12 – 18.48

Substance(s) emitted	Media e.g. air /water	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Benzene and biphenyl	Discharge to secondary containment	4,300kgs	17.12 – 18.48

Description of the failure or accident, and... Measures taken, or intended to be taken, to stop the emission:	The TH3 reflux drum drain system is used to drain water from the reflux boot. Due to several failures, benzene/ biphenyl was released from the drain system. The benzene/ biphenyl was drained into a sump which flows underground to a separator tank (secondary containment). The separator tank is designed to separate benzene/ biphenyl from water, the water is discharged to the site surface water system (Tertiary containment). This tank is nitrogen inerted. Upon discovering the release, the draining was stopped immediately, and the plant was shut down. Sampling of the site surface water was undertaken and showed no deviation from normal operation. All the benzene/ biphenyl was contained in the separator tank, the benzene/ biphenyl was recovered from the separator tank into IBC's on 13/10/23. No release to the environment has occurred. The release is a mixture of benzene and biphenyl, it is estimated that the release is 80% benzene, sampling will confirm the actual mixture ratio. An investigation into the event and the causes is ongoing. There are actions and checks which need to be completed prior to the plant being restarted.
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*** Signed:**



Date: 13/10/2023

* authorised to sign on behalf of Solutia UK Ltd