



### Point Source Emissions

<b>Point source emissions to air</b>				
<b>Emission point reference and location</b>	<b>Source</b>	<b>Parameter</b>	<b>Quantity</b>	<b>Unit</b>
A1 (Anochrome Limited)	Automatic Vat Line Scrubber Vent	Hydrogen Chloride	10 (annual extractive sample)	mg/m <sup>3</sup>
A2 (Anochrome Limited)	Automatic Barrel Line 1 Scrubber Vent	Hydrogen Chloride	10 (annual extractive sample)	mg/m <sup>3</sup>
A3 (Anochrome Limited)	Automatic Barrel Line 2 Scrubber Vent	Hydrogen Chloride	10 (annual extractive sample)	mg/m <sup>3</sup>
A4 (Anochrome Limited)	Automatic Phosphate Plant Scrubber Vent	Hydrogen Chloride	10 (annual extractive sample)	mg/m <sup>3</sup>
A5 (Anochrome Limited)	Local exhaust emissions from zinc nickel plating line	Hydrogen Chloride	10 (annual extractive sample)	mg/m <sup>3</sup>
A6 - <b>Proposed</b> (Anochrome Limited)	New Automatic Vat Line Scrubber Vent	Hydrogen Chloride - <b>proposed</b>	10 ( <b>proposed</b> annual extractive sample)	mg/m <sup>3</sup>

<b>Point source emissions to sewers, effluent treatment plants or other transfers off site</b>				
<b>Emission point reference and location</b>	<b>Source</b>	<b>Parameter</b>	<b>Quantity</b>	<b>Unit</b>
<b>Emission data required by the Environment Agency</b>				
S1 (Anochrome Limited)	Effluent treatment plant	Suspended solids	400 (quarterly spot sample)	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Free cyanide, expressed as CN	10 (quarterly spot sample)	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Cadmium, total	0.01 (annual sample: compliance based on mass balance calculation)	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Mercury	0.005 (annual sample: compliance based on mass balance calculation)	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Chromium, total	5 (quarterly spot sample)	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Zinc	15 (quarterly spot sample)	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Flow	750 (continuous)	m <sup>3</sup> /day
S1 (Anochrome Limited)	Effluent treatment plant	Flow (instantaneous)	15 (continuous)	l/s

<b>Emission data determined by Severn Trent under Consent No. 001651V</b>				
S1 (Anochrome Limited)	Effluent treatment plant	Suspended solids	400	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Chromium, total	5	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Copper, total	2	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Nickel, total	5	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Zinc, total	10	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Phosphorous, total	25	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Cyanide, excluding iron cyanide	10	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	Chemical Oxygen Demand (COD), 1 hr settled	600	mg/l
S1 (Anochrome Limited)	Effluent treatment plant	pH	6 to 12	pH unit