Appendix 1 - Schedule 5 Notification

Parameter	Limit	Result(s)	Date(s)	Actions
Chromium (total)	0.3 mg/l	0.37 mg/l 0.39 mg/l	11/10/23 11/10/23	Note that total chromium reported by Atomic Absorption Spectroscopy (AAS) is often higher than third party ICP-MS (superior technique). Ongoing investigation analysing all samples using external ICP-MS technique. Over Q4 32 samples were tested using ICP-MS. All were below BAT-AEL limits
Copper	0.5mg/l	0.9 mg/l 0.54 mg/l 0.61 mg/l 0.56 mg/l 0.78 mg/l 0.58 mg/l 0.58 mg/l 0.67 mg/l 0.61 mg/l	05/10/23 11/10/23 23/10/23 24/10/23 27/10/23 01/11/23 20/11/23 12/12/23 13/12/23	Note that copper reported by Atomic Absorption Spectroscopy (AAS) is often higher than third party ICP-MS (superior technique). Ongoing investigation analysing all samples using external ICP-MS technique. Over Q4 32 samples were tested using ICP-MS. All were below BAT-AEL limits

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		0.55 mg/l 0.84 mg/l 0.56 mg/l 0.51 0.54	18/12/23 20/12/23 22/12/23 2/12/23 29/12/23	
Lead	0.3 mg/l	1.13 mg/l 1.31 mg/l 0.71 mg/l 1.18 mg/l 1.27 mg/l 1.07 mg/l 0.73 mg/l 0.44 mg/l 0.45 mg/l	05/10/23 12/10/23 17/10/23 23/10/23 24/10/23 27/10/23 01/11/23 27/12/23 29/12/23	Note that total lead reported by Atomic Absorption Spectroscopy (AAS) is often higher than third party ICP-MS (superior technique). Ongoing investigation analysing all samples using external ICP-MS technique. Over Q4 32 samples were tested using ICP-MS. All were below BAT-AEL limits
Hexavalent chromium (Cr(VI))	0.1 mg/l	<0.6 mg/l 0.22 mg/l 0.2 mg/l	23/10/23 27/11/23 05/12/23	Note that Cr(VI) concentrations are in excess to total chromium as detected by internal AAS analysis and third party ICP-MS. All corresponding total chromium concentrations are below the BAT-AEL for Cr(VI). Over the

		0.85 mg/l 0.99 mg/l 0.20 mg/l	14/12/23 19/12/23 27/12/23	quarter all *total* chromium samples (32 in total) are below the BAT-AEL for Cr(VI).

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