

Appendix F

Odour Measurement Result

**Odour Monitoring Report for Harbour Area Treatment
Scheme Stage 2A (Operational Phase) (April 2022)**



Sample ID	Location ID	Sampling Date	Sampling Time	Analysis Date	Analysis Time	LOR ^[Note 1] (ou _E /m ³)	Odour Concentration (ou _E /m ³)	Duct Volumetric Flow Rate ^[Note 2] (m ³ /hr)	Odour Emission Rate (ou _E /s)
LB010678-7	DOU 1B-1	29-April-22	11:28 - 11:31	29-April-22	16:00 – 17:30	< 11	12	7,494	25
LB010678-8	DOU 1B-2	29-April-22	11:36 - 11:42	29-April-22		< 11	16	7,445	33
LB010678-3	DOU 1-PS	29-April-22	10:43 - 10:54	29-April-22		< 11	< 11	12,933	<40
LB010678-1	DOU 1-R	29-April-22	10:26 - 10:39	29-April-22		< 11	< 11	2500	<8
LB010678-4	DOU 2-PS	29-April-22	10:57 - 11:05	29-April-22		< 11	< 11	11,606	<35
LB010678-6	DOU 3	29-April-22	11:19 - 11:26	29-April-22		< 11	15	59,331	250
LB010678-2	DOU 4-PS	29-April-22	10:34 - 10:41	29-April-22		< 11	92	20,123	51
LB010678-5	DOU 5-PS	29-April-22	11:09 - 11:17	29-April-22		< 11	13	865	3
LB010678-11	DOU 6	29-April-22	12:12 - 12:25	29-April-22		< 11	66	36,332	67
LB010678-12	DOU 6A	29-April-22	12:29 - 12:38	29-April-22		< 11	79	37,733	830
LB010678-13	DOU 6B	29-April-22	12:40 - 12:58	29-April-22		< 11	48	37,008	490
LB010678-15	DOU 8-1	29-April-22	13:09 - 13:14	29-April-22		< 11	56	4,312	67
LB010678-14	DOU 8-2	29-April-22	13:00 - 13:06	29-April-22		< 11	63	4,504	79
LB010678-9	DOU 9-1	29-April-22	11:45 - 11:52	29-April-22		< 11	< 11	4,650	<15
LB010678-10	DOU 9-2	29-April-22	11:55 - 12:09	29-April-22		< 11	< 11	4,650	<15
Blank	Field Blank	29-April-22	--	29-April-22		--	< 11	--	--
Total Emissions ^[Note 3]									2,008

Note:

1. LOR denotes limit of reporting.
2. The volumetric flow rate data were provided by the client.
3. If calculated odour emission rate are lower than a certain value, integer will be used for calculating the total emissions.
4. All the collected sample volume of the gas bags was sufficient for olfactometry analysis.
5. Field Blank containing pure and odourous nitrogen gas was filled by CMA staff.

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Sample ID	Location ID	Sampling Date	Measured Time	Weather Condition	Ambient Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction	Barometric Pressure (hPa)
LB010678-7	DOU 1B-1	29-April-22	11:28	Fine	31.2	75.0	0.3	S	1011
LB010678-8	DOU 1B-2	29-April-22	11:36	Fine	31.1	77.0	0.2	S	1011
LB010678-3	DOU 1-PS	29-April-22	10:43	Fine	31.0	74.0	0.0	--	1011
LB010678-1	DOU 1-R	29-April-22	10:26	Fine	31.1	75.0	0.0	--	1011
LB010678-4	DOU 2-PS	29-April-22	10:57	Fine	31.2	76.0	0.1	SE	1011
LB010678-6	DOU 3	29-April-22	11:19	Fine	31.3	75.0	0.2	SE	1011
LB010678-2	DOU 4-PS	29-April-22	10:34	Fine	31.3	74.0	0.4	SE	1011
LB010678-5	DOU 5-PS	29-April-22	11:09	Fine	31.4	75.0	0.3	SE	1011
LB010678-11	DOU 6	29-April-22	12:12	Fine	31.5	77.0	0.0	--	1011
LB010678-12	DOU 6A	29-April-22	12:29	Fine	31.2	74.0	0.3	S	1011
LB010678-13	DOU 6B	29-April-22	12:40	Fine	31.4	75.0	0.5	S	1011
LB010678-15	DOU 8-1	29-April-22	13:09	Fine	31.2	76.0	0.7	S	1011
LB010678-14	DOU 8-2	29-April-22	13:00	Fine	31.1	78.0	0.6	S	1011
LB010678-9	DOU 9-1	29-April-22	11:45	Fine	31.0	78.0	0.6	S	1011
LB010678-10	DOU 9-2	29-April-22	11:55	Fine	31.6	75.0	0.5	S	1011