

Appendix F

Odour Measurement Result

**Odour Monitoring Report for Harbour Area Treatment
Scheme Stage 2A (Operational Phase) (October 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)
LB030640-9	DOU 1B-1	21-Oct-22	11:40	21-Oct-22	16:30 – 17:30	< 11	50	3,555	49
LB030640-10	DOU 1B-2	21-Oct-22	12:00	21-Oct-22		< 11	39	3,530	38
LB030640-3	DOU 1-PS	21-Oct-22	11:20	21-Oct-22		< 11	79	26,985	592
LB030640-1	DOU 1-R	21-Oct-22	09:45	21-Oct-22		< 11	38	3,178	34
LB030640-4	DOU 2-PS	21-Oct-22	11:00	21-Oct-22		< 11	34	32,331	305
LB030640-13	DOU 3	21-Oct-22	10:40	21-Oct-22		< 11	36	50,264	503
LB030640-2	DOU 4-PS	21-Oct-22	10:00	21-Oct-22		< 11	480	26,165	3,489
LB030640-5	DOU 5-PS	21-Oct-22	10:15	21-Oct-22		< 11	34	48,200	455
LB030640-8	DOU 6	21-Oct-22	13:00	21-Oct-22		< 11	33	28,601	262
LB030640-6	DOU 6A	21-Oct-22	13:15	21-Oct-22		< 11	200	29,861	1659
LB030640-7	DOU 6B	21-Oct-22	13:30	21-Oct-22		< 11	210	30,121	1757
LB030640-11	DOU 8-1	21-Oct-22	13:45	21-Oct-22		< 11	70	2,498	49
LB030640-12	DOU 8-2	21-Oct-22	14:00	21-Oct-22		< 11	75	2,498	52
LB030640-14	DOU 9-1	21-Oct-22	12:20	21-Oct-22		< 11	27	720	5
LB030640-15	DOU 9-2	21-Oct-22	12:40	21-Oct-22		< 11	510	360	51
Blank	Field Blank		--		--	< 11	--	--	--
Total Emissions ^[Note 3]									9,300

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.

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



Sample ID	Location ID	Sampling Date	Measured Time	Weather Condition	Ambient Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction	Barometric Pressure (hPa)
LB030640--9	DOU 1B-1	26-Jul-22	11:40	Fine	34.0	40	0.9	S	1011
LB030640-10	DOU 1B-2	26-Jul-22	12:00	Fine	34.0	43	0.6	S	1011
LB030640-3	DOU 1-PS	26-Jul-22	11:20	Fine	31.0	43	0.7	SE	1011
LB030640-1	DOU 1-R	26-Jul-22	09:45	Fine	27.0	52	0.4	SE	1011
LB030640-4	DOU 2-PS	26-Jul-22	11:00	Fine	29.0	46	0.9	E	1011
LB030640-13	DOU 3	26-Jul-22	10:40	Fine	29.0	46	0.7	E	1011
LB030640-2	DOU 4-PS	26-Jul-22	10:00	Fine	31.0	43	0.6	S	1011
LB030640-5	DOU 5-PS	26-Jul-22	10:15	Fine	32.0	40	0.9	SW	1011
LB030640-8	DOU 6	26-Jul-22	13:00	Fine	32.0	45	0.4	NE	1011
LB030640-6	DOU 6A	26-Jul-22	13:15	Fine	32.0	45	0.6	NE	1011
LB030640-7	DOU 6B	26-Jul-22	13:30	Fine	29.0	57	0.5	N	1011
LB030640-11	DOU 8-1	26-Jul-22	13:45	Fine	33.0	38	0.3	NE	1011
LB030640-12	DOU 8-2	26-Jul-22	14:00	Fine	40.0	33	0.7	NE	1011
LB030640-14	DOU 9-1	26-Jul-22	12:20	Fine	33.0	40	0.4	SW	1011
LB030640-15	DOU 9-2	26-Jul-22	12:40	Fine	32.0	49	0.7	SW	1011