

Operator: CWM Environmental Ltd
Permit: CP3735PB

Installation: Nantycaws Landfill Site
Form: Leachate Q3 2022

Reporting of leachate monitoring for the period from 01-Jul-2022 to 30-Sep-2022

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
Cell 1/2 Sump	Base of well/borehole/sump	Field	12/07/2022		14.7	m
			16/08/2022		14.7	m
			06/09/2022		14.67	m
	Groundwater level/dip		12/07/2022		14.62	m
			16/08/2022		14.53	m
			06/09/2022		14.42	m
	Leachate level above base of sump/pit base		12/07/2022	3m above base	0.08	m
			16/08/2022	3m above base	0.17	m
			06/09/2022	3m above base	0.25	m
	Total Alkalinity as CaCO3	TM043	12/07/2022		3260	mg/l
	Biological oxygen demand	TM045	12/07/2022		37.8	mg/l
	Total organic carbon	TM090	12/07/2022		294	mg/l
	Ammoniacal Nitrogen as N	TM099	12/07/2022	<3,640 mg/l	808	mg/l
			15/08/2022	<3,640 mg/l	772	mg/l
			06/09/2022	<3,640 mg/l	665	mg/l
	Chemical oxygen demand (unfiltered)	TM107	12/07/2022		1010	mg/l
	Cadmium (filtered)	TM152	12/07/2022	<0.105 mg/l	0.000281	mg/l
	Calcium (filtered)		12/07/2022		82.9	mg/l
	Chromium (filtered)		12/07/2022		0.0682	mg/l
	Copper (filtered)		12/07/2022		0.104	mg/l
	Iron (filtered)		12/07/2022		0.764	mg/l
	Lead (filtered)		12/07/2022		0.00815	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
Cell 1/2 Sump	Magnesium (filtered)	TM152	12/07/2022		76.4	mg/l
	Manganese (filtered)		12/07/2022		0.471	mg/l
	Nickel (filtered)		12/07/2022		0.129	mg/l
	Potassium (filtered)		12/07/2022		1230	mg/l
	Sodium (filtered)		12/07/2022		1680	mg/l
	Zinc (filtered)		12/07/2022		0.22	mg/l
	4-Methylphenol	TM176	12/07/2022	<1.6 mg/l	<0.01	mg/l
	Diethyl phthalate		12/07/2022	<0.44 mg/l	<0.01	mg/l
	Chloride	TM184	12/07/2022	<19,000 mg/l	4970	mg/l
			15/08/2022	<19,000 mg/l	3390	mg/l
			06/09/2022	<19,000 mg/l	2930	mg/l
	Sulphate		12/07/2022		<2	mg/l
	Total Oxidised Nitrogen as N		12/07/2022		55.2	mg/l
	Dichloromethane	TM208	12/07/2022	<0.033 mg/l	<0.007	mg/l
	Electrical conductivity @20°C (lab)	TM256	12/07/2022		16900	µS/cm
			15/08/2022		14200	µS/cm
			06/09/2022		12800	µS/cm
	Mecoprop	TM411	12/07/2022	<0.071 mg/l	<0.004	mg/l
Cell 3/4 Sump	Base of well/borehole/sump	Field	12/07/2022		11	m
			16/08/2022		11	m
			06/09/2022		11	m
	Groundwater level/dip		12/07/2022		10.87	m
			16/08/2022		10.8	m
			06/09/2022		10.85	m
	Leachate level above base of sump/pit base		12/07/2022	2.8m above base	0.13	m
			16/08/2022	2.8m above base	0.2	m
			06/09/2022	2.8m above base	0.15	m
	Total Alkalinity as CaCO3	TM043	12/07/2022		462	mg/l
	Biological oxygen demand	TM045	12/07/2022		<3	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
Cell 3/4 Sump	Total organic carbon	TM090	12/07/2022		88.9	mg/l
	Ammoniacal Nitrogen as N	TM099	12/07/2022	<3,640 mg/l	134	mg/l
			15/08/2022	<3,640 mg/l	1040	mg/l
			06/09/2022	<3,640 mg/l	691	mg/l
	Chemical oxygen demand (unfiltered)	TM107	12/07/2022		292	mg/l
	Cadmium (filtered)	TM152	12/07/2022	<0.105 mg/l	<0.00008	mg/l
	Calcium (filtered)		12/07/2022		23.8	mg/l
	Chromium (filtered)		12/07/2022		0.0219	mg/l
	Copper (filtered)		12/07/2022		0.0058	mg/l
	Iron (filtered)		12/07/2022		1.17	mg/l
	Lead (filtered)		12/07/2022		0.00104	mg/l
	Magnesium (filtered)		12/07/2022		26.8	mg/l
	Manganese (filtered)		12/07/2022		0.254	mg/l
	Nickel (filtered)		12/07/2022		0.0386	mg/l
	Potassium (filtered)		12/07/2022		360	mg/l
	Sodium (filtered)		12/07/2022		619	mg/l
	Zinc (filtered)		12/07/2022		0.0391	mg/l
	4-Methylphenol	TM176	12/07/2022	<1.6 mg/l	<0.01	mg/l
	Diethyl phthalate		12/07/2022	<0.44 mg/l	<0.01	mg/l
	Chloride	TM184	12/07/2022	<19,000 mg/l	1400	mg/l
			15/08/2022	<19,000 mg/l	1780	mg/l
			06/09/2022	<19,000 mg/l	1200	mg/l
	Sulphate		12/07/2022		<2	mg/l
	Total Oxidised Nitrogen as N		12/07/2022		60.9	mg/l
	Dichloromethane	TM208	12/07/2022	<0.033 mg/l	<0.006	mg/l
	Electrical conductivity @20°C (lab)	TM256	12/07/2022		5120	µS/cm
			15/08/2022		12400	µS/cm
			06/09/2022		9120	µS/cm
	Mecoprop	TM411	12/07/2022	<0.071 mg/l	<0.004	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
Cell 5 Sump	Base of well/borehole/sump	Field	12/07/2022		5.7	m
			16/08/2022		5.7	m
			06/09/2022		5.98	m
	Groundwater level/dip		12/07/2022		5.46	m
			16/08/2022		5.63	m
			06/09/2022		5.75	m
	Leachate level above base of sump/pit base		12/07/2022	2m above base	0.24	m
			16/08/2022	2m above base	0.07	m
			06/09/2022	2m above base	0.23	m
	Total Alkalinity as CaCO3	TM043	12/07/2022		5280	mg/l
	Biological oxygen demand	TM045	12/07/2022		51.4	mg/l
	Total organic carbon	TM090	12/07/2022		490	mg/l
	Ammoniacal Nitrogen as N	TM099	12/07/2022	<3,640 mg/l	1270	mg/l
			15/08/2022	<3,640 mg/l	1330	mg/l
			06/09/2022	<3,640 mg/l	1350	mg/l
	Chemical oxygen demand (unfiltered)	TM107	12/07/2022		2200	mg/l
	Cadmium (filtered)	TM152	12/07/2022	<0.105 mg/l	0.000331	mg/l
	Calcium (filtered)		12/07/2022		95.1	mg/l
	Chromium (filtered)		12/07/2022		0.097	mg/l
	Copper (filtered)		12/07/2022		0.118	mg/l
	Iron (filtered)		12/07/2022		3.45	mg/l
	Lead (filtered)		12/07/2022		0.0109	mg/l
	Magnesium (filtered)		12/07/2022		123	mg/l
	Manganese (filtered)		12/07/2022		0.57	mg/l
	Nickel (filtered)		12/07/2022		0.185	mg/l
	Potassium (filtered)		12/07/2022		2040	mg/l
	Sodium (filtered)		12/07/2022		2840	mg/l
	Zinc (filtered)		12/07/2022		0.272	mg/l
	4-Methylphenol	TM176	12/07/2022	<0.126 mg/l	<0.01	mg/l

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Cell 5 Sump	Diethyl phthalate	TM176	12/07/2022	<0.36 mg/l	<0.01	mg/l
	Chloride	TM184	12/07/2022	<19,000 mg/l	7520	mg/l
			15/08/2022	<19,000 mg/l	7390	mg/l
			06/09/2022	<19,000 mg/l	7240	mg/l
	Sulphate		12/07/2022		<2	mg/l
	Total Oxidised Nitrogen as N		12/07/2022		78.9	mg/l
	Dichloromethane	TM208	12/07/2022	<0.066 mg/l	<0.006	mg/l
	Electrical conductivity @20°C (lab)	TM256	12/07/2022		26200	µS/cm
			15/08/2022		25300	µS/cm
			06/09/2022		25700	µS/cm
	Mecoprop	TM411	12/07/2022	<0.14 mg/l	<0.004	mg/l
Cell 6 Sump	Base of well/borehole/sump	Field	12/07/2022		24.6	m
			16/08/2022		24.6	m
			06/09/2022		25.52	m
	Groundwater level/dip		12/07/2022		24.3	m
			16/08/2022		24.28	m
			06/09/2022		24.13	m
	Leachate level above base of sump/pit base		12/07/2022	1.5m above base	0.3	m
			16/08/2022	1.5m above base	0.32	m
			06/09/2022	1.5m above base	1.39	m
	Total Alkalinity as CaCO3	TM043	12/07/2022		1850	mg/l
	Biological oxygen demand	TM045	12/07/2022		29.8	mg/l
	Total organic carbon	TM090	12/07/2022		267	mg/l
	Ammoniacal Nitrogen as N	TM099	12/07/2022	<3,640 mg/l	123	mg/l
			15/08/2022	<3,640 mg/l	852	mg/l
			06/09/2022	<3,640 mg/l	952	mg/l
	Chemical oxygen demand (unfiltered)	TM107	12/07/2022		788	mg/l
	Cadmium (filtered)	TM152	12/07/2022	<0.105 mg/l	0.000163	mg/l
	Calcium (filtered)		12/07/2022		65	mg/l

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Cell 6 Sump	Chromium (filtered)	TM152	12/07/2022		0.079	mg/l
	Copper (filtered)		12/07/2022		0.0321	mg/l
	Iron (filtered)		12/07/2022		1.88	mg/l
	Lead (filtered)		12/07/2022		0.00693	mg/l
	Magnesium (filtered)		12/07/2022		50.8	mg/l
	Manganese (filtered)		12/07/2022		0.48	mg/l
	Nickel (filtered)		12/07/2022		0.101	mg/l
	Potassium (filtered)		12/07/2022		820	mg/l
	Sodium (filtered)		12/07/2022		1260	mg/l
	Zinc (filtered)		12/07/2022		7.52	mg/l
	4-Methylphenol	TM176	12/07/2022	<0.126 mg/l	<0.01	mg/l
	Diethyl phthalate		12/07/2022	<0.36 mg/l	<0.01	mg/l
	Chloride	TM184	12/07/2022	<19,000 mg/l	1840	mg/l
			15/08/2022	<19,000 mg/l	1230	mg/l
			06/09/2022	<19,000 mg/l	1250	mg/l
	Sulphate		12/07/2022		17.6	mg/l
	Total Oxidised Nitrogen as N		12/07/2022		0.232	mg/l
	Dichloromethane	TM208	12/07/2022	<0.066 mg/l	<0.006	mg/l
	Electrical conductivity @20°C (lab)	TM256	12/07/2022		8050	µS/cm
			15/08/2022		10300	µS/cm
			06/09/2022		11200	µS/cm
	Mecoprop	TM411	12/07/2022	<0.14 mg/l	<0.004	mg/l
Cell 7 Sump	Base of well/borehole/sump	Field	12/07/2022		23	m
			16/08/2022		23.1	m
			06/09/2022		26.35	m
	Groundwater level/dip		12/07/2022		22.6	m
			16/08/2022		22.8	m
			06/09/2022		25.52	m
	Leachate level above base of sump/pit base		12/07/2022	1.5m above base	0.4	m

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Cell 7 Sump	Leachate level above base of sump/pit base	Field	16/08/2022	1.5m above base	0.3	m
			06/09/2022	1.5m above base	0.83	m
	Total Alkalinity as CaCO3	TM043	12/07/2022		2920	mg/l
	Biological oxygen demand	TM045	12/07/2022		35	mg/l
	Total organic carbon	TM090	12/07/2022		431	mg/l
	Ammoniacal Nitrogen as N	TM099	12/07/2022	<3,640 mg/l	789	mg/l
15/08/2022			<3,640 mg/l	1310	mg/l	
06/09/2022			<3,640 mg/l	1170	mg/l	
	Chemical oxygen demand (unfiltered)	TM107	12/07/2022		944	mg/l
	Cadmium (filtered)	TM152	12/07/2022	<0.105 mg/l	0.00015	mg/l
	Calcium (filtered)		12/07/2022		50.8	mg/l
	Chromium (filtered)		12/07/2022		0.106	mg/l
	Copper (filtered)		12/07/2022		0.0258	mg/l
	Iron (filtered)		12/07/2022		1.68	mg/l
	Lead (filtered)		12/07/2022		0.00514	mg/l
	Magnesium (filtered)		12/07/2022		43.3	mg/l
	Manganese (filtered)		12/07/2022		0.692	mg/l
	Nickel (filtered)		12/07/2022		0.135	mg/l
	Potassium (filtered)		12/07/2022		1050	mg/l
	Sodium (filtered)		12/07/2022		1600	mg/l
	Zinc (filtered)		12/07/2022		5.06	mg/l
	4-Methylphenol	TM176	12/07/2022	<0.126 mg/l	<0.01	mg/l
	Diethyl phthalate		12/07/2022	<0.36 mg/l	<0.01	mg/l
	Chloride	TM184	12/07/2022	<19,000 mg/l	2750	mg/l
15/08/2022			<19,000 mg/l	1790	mg/l	
06/09/2022			<19,000 mg/l	1630	mg/l	
	Sulphate		12/07/2022		<2	mg/l
	Total Oxidised Nitrogen as N		12/07/2022		<0.5	mg/l
	Dichloromethane	TM208	12/07/2022	<0.066 mg/l	<0.006	mg/l

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Cell 7 Sump	Electrical conductivity @20°C (lab)	TM256	12/07/2022		11400	µS/cm
			15/08/2022		14500	µS/cm
			06/09/2022		13300	µS/cm
Lechate Holding Lagoon	Mecoprop	TM411	12/07/2022	<0.14 mg/l	<0.004	mg/l
	Base of well/borehole/sump	Field	12/07/2022		8.5	m
			16/08/2022		8.5	m
			06/09/2022		8.5	m
			12/07/2022		7	m
			16/08/2022		6.7	m
	Groundwater level/dip		06/09/2022		6.5	m
			12/07/2022		3840	mg/l
			12/07/2022		27.3	mg/l
	Total Alkalinity as CaCO3	TM043	12/07/2022		505	mg/l
	Biological oxygen demand	TM045	12/07/2022		1180	mg/l
	Total organic carbon	TM090	12/07/2022		1230	mg/l
	Ammoniacal Nitrogen as N	TM099	12/07/2022	<3,640 mg/l	1240	mg/l
			15/08/2022	<3,640 mg/l		
			06/09/2022	<3,640 mg/l		
	Chemical oxygen demand (unfiltered)	TM107	12/07/2022		932	mg/l
	Cadmium (filtered)	TM152	12/07/2022		8.84e-05	mg/l
	Calcium (filtered)		12/07/2022		98.1	mg/l
	Chromium (filtered)		12/07/2022		0.128	mg/l
	Copper (filtered)		12/07/2022		0.00167	mg/l
	Iron (filtered)		12/07/2022		1.79	mg/l
	Lead (filtered)		12/07/2022		0.000879	mg/l
	Magnesium (filtered)		12/07/2022		83.3	mg/l
	Manganese (filtered)		12/07/2022		0.87	mg/l
	Nickel (filtered)		12/07/2022		0.154	mg/l
	Potassium (filtered)		12/07/2022		1190	mg/l
	Sodium (filtered)		12/07/2022		1810	mg/l
	Zinc (filtered)		12/07/2022		0.0244	mg/l

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Lechate Holding Lagoon	4-Methylphenol	TM176	12/07/2022		<0.01	mg/l
	Diethyl phthalate		12/07/2022		<0.01	mg/l
	Chloride	TM184	12/07/2022	<19,000 mg/l	3040	mg/l
			15/08/2022	<19,000 mg/l	4270	mg/l
			06/09/2022	<19,000 mg/l	4360	mg/l
	Sulphate		12/07/2022		<2	mg/l
	Total Oxidised Nitrogen as N		12/07/2022		<0.5	mg/l
	Dichloromethane	TM208	12/07/2022		<0.006	mg/l
	Electrical conductivity @20°C (lab)	TM256	12/07/2022		13900	µS/cm
			15/08/2022		19500	µS/cm
LMP5a			06/09/2022		20200	µS/cm
	Mecoprop	TM411	12/07/2022		<0.004	mg/l
	Base of well/borehole/sump	Field	12/07/2022		8.5	m
			16/08/2022		8.5	m
			06/09/2022		8.5	m
	Groundwater level/dip		12/07/2022		DRY	m
			16/08/2022		DRY	m
			06/09/2022		DRY	m
	Leachate level above base of sump/pit base		12/07/2022	1.5m above base	0	m
			16/08/2022	1.5m above base	0	m
LMP5b			06/09/2022	1.5m above base	0	m
	Base of well/borehole/sump		12/07/2022		6.8	m
			16/08/2022		6.8	m
			06/09/2022		6.8	m
	Groundwater level/dip		12/07/2022		DRY	m
			16/08/2022		DRY	m
			06/09/2022		DRY	m
	Leachate level above base of sump/pit base		12/07/2022	1.5m above base	0	m
			16/08/2022	1.5m above base	0	m

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LMP5b	Leachate level above base of sump/pit base	Field	06/09/2022	1.5m above base	0	m
LMP6a	Base of well/borehole/sump		12/07/2022		10.97	m
			16/08/2022		10.97	m
			06/09/2022		10.97	m
	Groundwater level/dip		12/07/2022		DRY	m
			16/08/2022		DRY	m
			06/09/2022		DRY	m
	Leachate level above base of sump/pit base		12/07/2022	1.5m above base	0	m
			16/08/2022	1.5m above base	0	m
			06/09/2022	1.5m above base	0	m
LMP7a	Base of well/borehole/sump		12/07/2022		10.48	m
			16/08/2022		10.48	m
			06/09/2022		10.48	m
	Groundwater level/dip		12/07/2022		10.47	m
			16/08/2022		10.32	m
			06/09/2022		10.13	m
	Leachate level above base of sump/pit base		12/07/2022	1.5m above base	0.01	m
			16/08/2022	1.5m above base	0.16	m
			06/09/2022	1.5m above base	0.35	m
LMP7b	Base of well/borehole/sump		12/07/2022		4	m
			16/08/2022		4	m
			06/09/2022		4	m
	Groundwater level/dip		12/07/2022		DRY	m
			16/08/2022		DRY	m
			06/09/2022		3.89	m
	Leachate level above base of sump/pit base		12/07/2022	1.5m above base	0	m
			16/08/2022	1.5m above base	0	m
			06/09/2022	1.5m above base	0.11	m
M1A	Base of well/borehole/sump		12/07/2022		16.4	m

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M1A	Base of well/borehole/sump	Field	16/08/2022		16.4	m
			06/09/2022		16.4	m
			12/07/2022		16.32	m
	Groundwater level/dip		16/08/2022		16.3	m
			06/09/2022		16.2	m
			12/07/2022	2m above base	0.08	m
	Leachate level above base of sump/pit base		16/08/2022	2m above base	0.1	m
			06/09/2022	2m above base	0.2	m
			12/07/2022		10.63	m
M1B	Base of well/borehole/sump	16/08/2022		10.63	m	
		06/09/2022		10.64	m	
		12/07/2022		DRY	m	
	Groundwater level/dip	16/08/2022		10.58	m	
		06/09/2022		10.64	m	
		12/07/2022	2m above base	0	m	
	Leachate level above base of sump/pit base	16/08/2022	2m above base	0.05	m	
		06/09/2022	2m above base	0	m	
		12/07/2022		20.8	m	
M2A	Base of well/borehole/sump	16/08/2022		10.6	m	
		06/09/2022		19.1	m	
		12/07/2022		20.7	m	
	Groundwater level/dip	16/08/2022		10.55	m	
		06/09/2022		DRY	m	
		12/07/2022	2m above base	0.1	m	
	Leachate level above base of sump/pit base	16/08/2022	2m above base	0.05	m	
		06/09/2022	2m above base	0	m	
		12/07/2022		19.8	m	
M2B	Base of well/borehole/sump	16/08/2022		19.8	m	
		06/09/2022		19.8	m	
		12/07/2022		19.8	m	

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
M2B	Groundwater level/dip	Field	12/07/2022		19.75	m
			16/08/2022		19.7	m
			06/09/2022		19.7	m
	Leachate level above base of sump/pit base		12/07/2022	2m above base	0.05	m
			16/08/2022	2m above base	0.1	m
			06/09/2022	2m above base	0.1	m
M3A	Base of well/borehole/sump		12/07/2022		21.5	m
			16/08/2022		21.5	m
			06/09/2022		21.5	m
	Groundwater level/dip		12/07/2022		21.4	m
			16/08/2022		DRY	m
			06/09/2022		21.4	m
	Leachate level above base of sump/pit base		12/07/2022	1.8m above base	0.1	m
			16/08/2022	1.8m above base	0	m
			06/09/2022	1.8m above base	0.1	m
M3B	Base of well/borehole/sump		12/07/2022		15.6	m
			16/08/2022		15.6	m
			06/09/2022		15.58	m
	Groundwater level/dip		12/07/2022		DRY	m
			16/08/2022		DRY	m
			06/09/2022		15.5	m
	Leachate level above base of sump/pit base		12/07/2022	1.8m above base	0	m
			16/08/2022	1.8m above base	0	m
			06/09/2022	1.8m above base	0.08	m
M4A	Base of well/borehole/sump		12/07/2022		18.61	m
			16/08/2022		18.6	m
			06/09/2022		18.6	m
	Groundwater level/dip		12/07/2022		18.52	m
			16/08/2022		DRY	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
M4A	Groundwater level/dip	Field	06/09/2022		18.26	m
	Leachate level above base of sump/pit base		12/07/2022	1.8m above base	0.09	m
			16/08/2022	1.8m above base	0	m
			06/09/2022	1.8m above base	0.34	m
M4B	Base of well/borehole/sump		12/07/2022		16.9	m
			16/08/2022		16.9	m
			06/09/2022		16.9	m
	Groundwater level/dip		12/07/2022		DRY	m
			16/08/2022		DRY	m
			06/09/2022		16.81	m
	Leachate level above base of sump/pit base		12/07/2022	1.8m above base	0	m
			16/08/2022	1.8m above base	0	m
			06/09/2022	1.8m above base	0.09	m

(1) The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

(2) Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.

(3) For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

(4) The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated; refer to laboratory data sheets for specific uncertainty.

(5) Depths reported as metres (m) are metres below ground level unless are labelled as leachate head above base of sump.

(6) For details of the sampling method, frequency and parameters measured / analysed for, refer to the site Environmental Monitoring Management Plan (EMMP).

(7) Where blank, there is no defined compliance limit specified for the monitoring location / parameter.

Signature: 

Date: 27 September 2022

(Authorised to sign as representative of
Operator)