

Operator: CWM Environmental Ltd
Permit: CP3735PB

Installation: Nantycaws Landfill Site
Form: Leachate Q3 2021

Reporting of leachate monitoring for the period from 01-Jul-2021 to 30-Sep-2021

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	26/07/2021		14.73	m
			10/08/2021		14.73	m
			13/09/2021		14.72	m
Groundwater level/dip			26/07/2021		14.28	m
			10/08/2021		14.41	m
			13/09/2021		14.36	m
Leachate level above base of sump/pit base			26/07/2021	3m above base	0.45	m
			10/08/2021	3m above base	0.32	m
			13/09/2021	3m above base	0.36	m
Total organic carbon	SUB		26/07/2021		476	mg/l
			26/07/2021		2670	mg/l
			26/07/2021		30.7	mg/l
Biological oxygen demand	TM045		26/07/2021		609	mg/l
			10/08/2021	<3,640 mg/l	2410	mg/l
			13/09/2021	<3,640 mg/l	1160	mg/l
Ammoniacal Nitrogen as N	TM099		26/07/2021		2220	mg/l
			26/07/2021		24900	µS/cm
			10/08/2021		39300	µS/cm
Chemical oxygen demand (unfiltered)	TM107		26/07/2021		31000	µS/cm
			26/07/2021		0.000586	mg/l
			26/07/2021			
Electrical conductivity @20°C (lab)	TM120		26/07/2021			
			10/08/2021			
			13/09/2021			
Cadmium (filtered)	TM152		26/07/2021	<0.105 mg/l		

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
Cell 1/2 Sump	Calcium (filtered)	TM152	26/07/2021		29.8	mg/l
	Chromium (filtered)		26/07/2021		0.136	mg/l
	Copper (filtered)		26/07/2021		0.0413	mg/l
	Iron (filtered)		26/07/2021		3.74	mg/l
	Lead (filtered)		26/07/2021		0.0143	mg/l
	Magnesium (filtered)		26/07/2021		44	mg/l
	Manganese (filtered)		26/07/2021		0.101	mg/l
	Nickel (filtered)		26/07/2021		0.244	mg/l
	Potassium (filtered)		26/07/2021		2470	mg/l
	Sodium (filtered)		26/07/2021		3930	mg/l
	Zinc (filtered)		26/07/2021		0.113	mg/l
	4-Methylphenol	TM176	26/07/2021	<1.6 mg/l	<0.02	mg/l
	Diethyl phthalate		26/07/2021	<0.44 mg/l	<0.02	mg/l
	Chloride	TM184	26/07/2021	<19,000 mg/l	8600	mg/l
			10/08/2021	<19,000 mg/l	11300	mg/l
			13/09/2021	<19,000 mg/l	10900	mg/l
	Sulphate		26/07/2021		<10	mg/l
	Total Oxidised Nitrogen as N		26/07/2021		2.25	mg/l
Cell 3/4 Sump	Dichloromethane	TM208	26/07/2021	<0.033 mg/l	<0.003	mg/l
	Mecoprop	TM411	26/07/2021	<0.071 mg/l	<0.008	mg/l
	Base of well/borehole/sump	Field	26/07/2021		11.3	m
			10/08/2021		11.3	m
			13/09/2021		11.3	m
	Groundwater level/dip		26/07/2021		10.86	m
			10/08/2021		10.8	m
			13/09/2021		10.8	m
	Leachate level above base of sump/pit base		26/07/2021	2.8m above base	0.44	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
Cell 3/4 Sump	Leachate level above base of sump/pit base	Field	10/08/2021	2.8m above base	0.5	m
			13/09/2021	2.8m above base	0.5	m
			26/07/2021		443	mg/l
	Total organic carbon	SUB	26/07/2021		5450	mg/l
	Total Alkalinity as CaCO3	TM043	26/07/2021		81.9	mg/l
	Biological oxygen demand	TM045	26/07/2021		1320	mg/l
	Ammoniacal Nitrogen as N	TM099	26/07/2021	<3,640 mg/l	1250	mg/l
			10/08/2021	<3,640 mg/l	538	mg/l
			13/09/2021	<3,640 mg/l	1910	mg/l
	Chemical oxygen demand (unfiltered)	TM107	26/07/2021		23200	µS/cm
	Electrical conductivity @20°C (lab)	TM120	26/07/2021		25800	µS/cm
			10/08/2021		7680	µS/cm
			13/09/2021			
	Cadmium (filtered)	TM152	26/07/2021	<0.105 mg/l	0.000418	mg/l
	Calcium (filtered)		26/07/2021		135	mg/l
	Chromium (filtered)		26/07/2021		0.0857	mg/l
	Copper (filtered)		26/07/2021		0.0123	mg/l
	Iron (filtered)		26/07/2021		42.5	mg/l
	Lead (filtered)		26/07/2021		0.00999	mg/l
	Magnesium (filtered)		26/07/2021		96.4	mg/l
	Manganese (filtered)		26/07/2021		2.49	mg/l
	Nickel (filtered)		26/07/2021		0.154	mg/l
	Potassium (filtered)		26/07/2021		1670	mg/l
	Sodium (filtered)		26/07/2021		2210	mg/l
	Zinc (filtered)		26/07/2021		0.145	mg/l
	4-Methylphenol	TM176	26/07/2021	<1.6 mg/l	<0.02	mg/l
	Diethyl phthalate		26/07/2021	<0.44 mg/l	<0.02	mg/l
	Chloride	TM184	26/07/2021	<19,000 mg/l	6760	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
Cell 3/4 Sump	Chloride	TM184	10/08/2021	<19,000 mg/l	7210	mg/l
			13/09/2021	<19,000 mg/l	1210	mg/l
	Sulphate		26/07/2021		<10	mg/l
	Total Oxidised Nitrogen as N		26/07/2021		16.8	mg/l
	Dichloromethane	TM208	26/07/2021	<0.033 mg/l	<0.003	mg/l
	Mecoprop	TM411	26/07/2021	<0.071 mg/l	0.0391	mg/l
Cell 5 Sump	Base of well/borehole/sump	Field	26/07/2021		5.9	m
			10/08/2021		5.9	m
			13/09/2021		5.9	m
	Groundwater level/dip		26/07/2021		5.54	m
			10/08/2021		5.58	m
			13/09/2021		5.51	m
	Leachate level above base of sump/pit base		26/07/2021	2m above base	0.36	m
			10/08/2021	2m above base	0.32	m
			13/09/2021	2m above base	0.39	m
	Total organic carbon	SUB	26/07/2021		484	mg/l
	Total Alkalinity as CaCO3	TM043	26/07/2021		5900	mg/l
	Biological oxygen demand	TM045	26/07/2021		94.9	mg/l
	Ammoniacal Nitrogen as N	TM099	26/07/2021	<3,640 mg/l	1480	mg/l
			10/08/2021	<3,640 mg/l	1450	mg/l
			13/09/2021	<3,640 mg/l	1500	mg/l
	Chemical oxygen demand (unfiltered)	TM107	26/07/2021		2420	mg/l
	Electrical conductivity @20°C (lab)	TM120	26/07/2021		27600	µS/cm
			10/08/2021		22300	µS/cm
			13/09/2021		28900	µS/cm
	Cadmium (filtered)	TM152	26/07/2021	<0.105 mg/l	0.000361	mg/l
	Calcium (filtered)		26/07/2021		116	mg/l

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Cell 5 Sump	Chromium (filtered)	TM152	26/07/2021		0.0895	mg/l
	Copper (filtered)		26/07/2021		0.00906	mg/l
	Iron (filtered)		26/07/2021		15.9	mg/l
	Lead (filtered)		26/07/2021		0.0112	mg/l
	Magnesium (filtered)		26/07/2021		108	mg/l
	Manganese (filtered)		26/07/2021		1.1	mg/l
	Nickel (filtered)		26/07/2021		0.154	mg/l
	Potassium (filtered)		26/07/2021		2080	mg/l
	Sodium (filtered)		26/07/2021		3310	mg/l
	Zinc (filtered)		26/07/2021		0.151	mg/l
	4-Methylphenol	TM176	26/07/2021	<0.126 mg/l	<0.02	mg/l
	Diethyl phthalate		26/07/2021	<0.36 mg/l	<0.02	mg/l
	Chloride	TM184	26/07/2021	<19,000 mg/l	7630	mg/l
			10/08/2021	<19,000 mg/l	3340	mg/l
			13/09/2021	<19,000 mg/l	8250	mg/l
	Sulphate		26/07/2021		<10	mg/l
	Total Oxidised Nitrogen as N		26/07/2021		13.4	mg/l
	Dichloromethane	TM208	26/07/2021	<0.066 mg/l	<0.003	mg/l
	Mecoprop	TM411	26/07/2021	<0.14 mg/l	0.0451	mg/l
Cell 6 Sump	Base of well/borehole/sump	Field	26/07/2021		24.6	m
			10/08/2021		24.26	m
			13/09/2021		24.3	m
	Groundwater level/dip		26/07/2021		24.26	m
			10/08/2021		23.96	m
			13/09/2021		24.29	m
	Leachate level above base of sump/pit base		26/07/2021	1.5m above base	0.34	m
			10/08/2021	1.5m above base	0.3	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
Cell 6 Sump	Leachate level above base of sump/pit base	Field	13/09/2021	1.5m above base	0.01	m
	Total organic carbon	SUB	26/07/2021		400	mg/l
	Total Alkalinity as CaCO3	TM043	26/07/2021		5070	mg/l
	Biological oxygen demand	TM045	26/07/2021		98	mg/l
	Ammoniacal Nitrogen as N	TM099	26/07/2021	<3,640 mg/l	988	mg/l
			10/08/2021	<3,640 mg/l	559	mg/l
			13/09/2021	<3,640 mg/l	415	mg/l
	Chemical oxygen demand (unfiltered)	TM107	26/07/2021		1830	mg/l
	Electrical conductivity @20°C (lab)	TM120	26/07/2021		11400	µS/cm
			10/08/2021		7000	µS/cm
			13/09/2021		5240	µS/cm
	Cadmium (filtered)	TM152	26/07/2021	<0.105 mg/l	0.000145	mg/l
	Calcium (filtered)		26/07/2021		51.8	mg/l
	Chromium (filtered)		26/07/2021		0.143	mg/l
	Copper (filtered)		26/07/2021		<0.0003	mg/l
	Iron (filtered)		26/07/2021		3.33	mg/l
	Lead (filtered)		26/07/2021		0.00525	mg/l
	Magnesium (filtered)		26/07/2021		35.6	mg/l
	Manganese (filtered)		26/07/2021		0.592	mg/l
	Nickel (filtered)		26/07/2021		0.0983	mg/l
	Potassium (filtered)		26/07/2021		481	mg/l
	Sodium (filtered)		26/07/2021		1070	mg/l
	Zinc (filtered)		26/07/2021		0.0642	mg/l
	4-Methylphenol	TM176	26/07/2021	<0.126 mg/l	<0.02	mg/l
	Diethyl phthalate		26/07/2021	<0.36 mg/l	<0.02	mg/l
	Chloride	TM184	26/07/2021	<19,000 mg/l	1360	mg/l
			10/08/2021	<19,000 mg/l	845	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
Cell 6 Sump	Chloride	TM184	13/09/2021	<19,000 mg/l	574	mg/l
	Sulphate		26/07/2021		<10	mg/l
	Total Oxidised Nitrogen as N		26/07/2021		<2	mg/l
	Dichloromethane	TM208	26/07/2021	<0.066 mg/l	<0.003	mg/l
	Mecoprop	TM411	26/07/2021	<0.14 mg/l	0.00867	mg/l
Cell 7 Sump	Base of well/borehole/sump	Field	26/07/2021		23	m
			10/08/2021		23	m
			13/09/2021		23	m
	Groundwater level/dip		26/07/2021		22.56	m
			10/08/2021		22.68	m
			13/09/2021		22.63	m
	Leachate level above base of sump/pit base		26/07/2021	1.5m above base	0.44	m
			10/08/2021	1.5m above base	0.32	m
			13/09/2021	1.5m above base	0.37	m
	Total organic carbon	SUB	26/07/2021		632	mg/l
	Total Alkalinity as CaCO3	TM043	26/07/2021		7680	mg/l
	Biological oxygen demand	TM045	26/07/2021		117	mg/l
	Ammoniacal Nitrogen as N	TM099	26/07/2021	<3,640 mg/l	1520	mg/l
			10/08/2021	<3,640 mg/l	687	mg/l
			13/09/2021	<3,640 mg/l	1240	mg/l
	Chemical oxygen demand (unfiltered)	TM107	26/07/2021		2930	mg/l
	Electrical conductivity @20°C (lab)	TM120	26/07/2021		16600	µS/cm
			10/08/2021		8390	µS/cm
			13/09/2021		13200	µS/cm
	Cadmium (filtered)	TM152	26/07/2021	<0.105 mg/l	9.34e-05	mg/l
	Calcium (filtered)		26/07/2021		40	mg/l
	Chromium (filtered)		26/07/2021		0.125	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
Cell 7 Sump	Copper (filtered)	TM152	26/07/2021		<0.0003	mg/l
	Iron (filtered)		26/07/2021		3.1	mg/l
	Lead (filtered)		26/07/2021		0.00357	mg/l
	Magnesium (filtered)		26/07/2021		31.1	mg/l
	Manganese (filtered)		26/07/2021		0.519	mg/l
	Nickel (filtered)		26/07/2021		0.0892	mg/l
	Potassium (filtered)		26/07/2021		881	mg/l
	Sodium (filtered)		26/07/2021		2140	mg/l
	Zinc (filtered)		26/07/2021		0.0511	mg/l
	4-Methylphenol	TM176	26/07/2021	<0.126 mg/l	<0.02	mg/l
	Diethyl phthalate		26/07/2021	<0.36 mg/l	<0.02	mg/l
	Chloride	TM184	26/07/2021	<19,000 mg/l	2120	mg/l
			10/08/2021	<19,000 mg/l	1100	mg/l
Leachate Holding Lagoon			13/09/2021	<19,000 mg/l	1730	mg/l
	Sulphate		26/07/2021		86.7	mg/l
	Total Oxidised Nitrogen as N		26/07/2021		<2	mg/l
	Dichloromethane	TM208	26/07/2021	<0.066 mg/l	<0.003	mg/l
	Mecoprop	TM411	26/07/2021	<0.14 mg/l	0.0196	mg/l
	Base of well/borehole/sump	Field	26/07/2021		8.5	m
			10/08/2021		8.5	m
			13/09/2021		8.5	m
	Groundwater level/dip		26/07/2021		6.1	m
			10/08/2021		4.46	m
			13/09/2021		5.6	m
	Total organic carbon	SUB	26/07/2021		402	mg/l
	Total Alkalinity as CaCO3	TM043	26/07/2021		4620	mg/l
	Biological oxygen demand	TM045	26/07/2021		96	mg/l

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Leachate Holding Lagoon	Ammoniacal Nitrogen as N	TM099	26/07/2021	<3,640 mg/l	1000	mg/l
			10/08/2021	<3,640 mg/l	1050	mg/l
			13/09/2021	<3,640 mg/l	1150	mg/l
	Chemical oxygen demand (unfiltered)	TM107	26/07/2021		1820	mg/l
	Electrical conductivity @20°C (lab)	TM120	26/07/2021		17100	µS/cm
			10/08/2021		17600	µS/cm
			13/09/2021		18000	µS/cm
	Cadmium (filtered)	TM152	26/07/2021		0.000231	mg/l
	Calcium (filtered)		26/07/2021		124	mg/l
	Chromium (filtered)		26/07/2021		0.0882	mg/l
	Copper (filtered)		26/07/2021		0.00462	mg/l
	Iron (filtered)		26/07/2021		3.63	mg/l
	Lead (filtered)		26/07/2021		0.0106	mg/l
	Magnesium (filtered)		26/07/2021		71	mg/l
	Manganese (filtered)		26/07/2021		1.1	mg/l
	Nickel (filtered)		26/07/2021		0.114	mg/l
	Potassium (filtered)		26/07/2021		1110	mg/l
	Sodium (filtered)		26/07/2021		1850	mg/l
	Zinc (filtered)		26/07/2021		0.0907	mg/l
	4-Methylphenol	TM176	26/07/2021		0.1	mg/l
	Diethyl phthalate		26/07/2021		<0.02	mg/l
	Chloride	TM184	26/07/2021	<19,000 mg/l	3960	mg/l
			10/08/2021	<19,000 mg/l	3830	mg/l
			13/09/2021	<19,000 mg/l	4450	mg/l
	Sulphate		26/07/2021		<20	mg/l
	Total Oxidised Nitrogen as N		26/07/2021		<0.5	mg/l
	Dichloromethane	TM208	26/07/2021		<0.003	mg/l

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Leachate Holding Lagoon	Mecoprop	TM411	26/07/2021		0.0236	mg/l
LMP5a	Base of well/borehole/sump	Field	26/07/2021		8.5	m
			10/08/2021		8.5	m
			13/09/2021		8.5	m
	Groundwater level/dip		26/07/2021		DRY	m
			10/08/2021		DRY	m
			13/09/2021		DRY	m
LMP5b	Base of well/borehole/sump		26/07/2021		6.8	m
			10/08/2021		6.8	m
			13/09/2021		6.8	m
	Groundwater level/dip		26/07/2021		DRY	m
			10/08/2021		DRY	m
			13/09/2021		DRY	m
LMP6a	Base of well/borehole/sump		26/07/2021		11.4	m
			10/08/2021		11.4	m
			13/09/2021		11.4	m
	Groundwater level/dip		26/07/2021		DRY	m
			10/08/2021		DRY	m
			13/09/2021		DRY	m
LMP7a	Base of well/borehole/sump		26/07/2021		10.48	m
			10/08/2021		10.48	m
			13/09/2021		10.48	m
	Groundwater level/dip		26/07/2021		10.28	m
			10/08/2021		10.16	m
			13/09/2021		10.45	m
	Leachate level above base of sump/pit base		26/07/2021	1.5m above base	0.2	m
			10/08/2021	1.5m above base	0.32	m

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LMP7a	Leachate level above base of sump/pit base	Field	13/09/2021	1.5m above base	0.03	m
LMP7b	Base of well/borehole/sump		26/07/2021		4	m
			10/08/2021		4	m
			13/09/2021		4	m
	Groundwater level/dip		26/07/2021		3.9	m
			10/08/2021		3.93	m
			13/09/2021		3.92	m
	Leachate level above base of sump/pit base		26/07/2021	1.5m above base	0.1	m
			10/08/2021	1.5m above base	0.07	m
			13/09/2021	1.5m above base	0.08	m
M1A	Base of well/borehole/sump		26/07/2021		16.4	m
			10/08/2021		16.4	m
			13/09/2021		16.4	m
	Groundwater level/dip		26/07/2021		16.28	m
			10/08/2021		16.05	m
			13/09/2021		16.2	m
	Leachate level above base of sump/pit base		26/07/2021	2m above base	0.12	m
			10/08/2021	2m above base	0.35	m
			13/09/2021	2m above base	0.2	m
M1B	Base of well/borehole/sump		26/07/2021		10.5	m
			10/08/2021		10.5	m
			13/09/2021		10.5	m
	Groundwater level/dip		26/07/2021		10.41	m
			10/08/2021		10.21	m
			13/09/2021		10.36	m
	Leachate level above base of sump/pit base		26/07/2021	2m above base	0.09	m
			10/08/2021	2m above base	0.29	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
M1B	Leachate level above base of sump/pit base	Field	13/09/2021	2m above base	0.14	m
M2A	Base of well/borehole/sump		26/07/2021		21	m
			10/08/2021		20.43	m
			13/09/2021		21	m
	Groundwater level/dip		26/07/2021		20.87	m
			10/08/2021		20.15	m
			13/09/2021		20.62	m
	Leachate level above base of sump/pit base		26/07/2021	2m above base	0.13	m
			10/08/2021	2m above base	0.28	m
			13/09/2021	2m above base	0.38	m
M2B	Base of well/borehole/sump		26/07/2021		19.8	m
			10/08/2021		19.8	m
			13/09/2021		19.68	m
	Groundwater level/dip		26/07/2021		19.76	m
			10/08/2021		19.48	m
			13/09/2021		19.3	m
	Leachate level above base of sump/pit base		26/07/2021	2m above base	0.04	m
			10/08/2021	2m above base	0.32	m
			13/09/2021	2m above base	0.38	m
M3A	Base of well/borehole/sump		26/07/2021		21.5	m
			10/08/2021		21.5	m
			13/09/2021		21.4	m
	Groundwater level/dip		26/07/2021		21.46	m
			10/08/2021		21.4	m
			13/09/2021		21.33	m
	Leachate level above base of sump/pit base		26/07/2021	1.8m above base	0.04	m
			10/08/2021	1.8m above base	0.1	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
M3A	Leachate level above base of sump/pit base	Field	13/09/2021	1.8m above base	0.07	m
M3B	Base of well/borehole/sump		26/07/2021		15.53	m
			10/08/2021		15.53	m
			13/09/2021		15.4	m
	Groundwater level/dip		26/07/2021		15.5	m
			10/08/2021		15.45	m
			13/09/2021		15	m
	Leachate level above base of sump/pit base		26/07/2021	1.8m above base	0.03	m
			10/08/2021	1.8m above base	0.08	m
			13/09/2021	1.8m above base	0.4	m
M4A	Base of well/borehole/sump		26/07/2021		19	m
			10/08/2021		19	m
			13/09/2021		19	m
	Groundwater level/dip		26/07/2021		18.93	m
			10/08/2021		18.46	m
			13/09/2021		18.92	m
	Leachate level above base of sump/pit base		26/07/2021	1.8m above base	0.07	m
			10/08/2021	1.8m above base	0.54	m
			13/09/2021	1.8m above base	0.08	m
M4B	Base of well/borehole/sump		26/07/2021		17.1	m
			10/08/2021		17.1	m
			13/09/2021		17.1	m
	Groundwater level/dip		26/07/2021		DRY	m
			10/08/2021		DRY	m
			13/09/2021		17	m
	Leachate level above base of sump/pit base		13/09/2021	1.8m above base	0.1	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
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- (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 2021

(Authorised to sign as representative of
Operator)