

Operator: CWM Environmental Ltd
Permit: CP3735PB

Installation: Nantycaws Landfill Site
Form: Leachate Q1 2021

Reporting of leachate monitoring for the period 01-Jan-2021 to 31-Mar-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	06/01/2021		14.12	m
			09/02/2021		14.12	m
			08/03/2021		14.73	m
Groundwater level/dip			06/01/2021		13.77	m
			09/02/2021		13.74	m
			08/03/2021		14.6	m
Leachate level above base of sump/pit base			06/01/2021	3m above base	0.35	m
			09/02/2021	3m above base	0.38	m
			08/03/2021	3m above base	0.13	m
	Total Alkalinity as CaCO ₃	TM043	07/01/2021		8560	mg/l
	Ammoniacal Nitrogen as N	TM099	07/01/2021	<3,640 mg/l	2330	mg/l
			10/02/2021	<3,640 mg/l	230	mg/l
			10/03/2021	<3,640 mg/l	1110	mg/l
Electrical conductivity @20°C (lab)		TM120	07/01/2021		38800	µS/cm
			10/02/2021		4770	µS/cm
			10/03/2021		19900	µS/cm
	Cadmium (filtered)	TM152	07/01/2021	<0.105 mg/l	<0.0008	mg/l
	Calcium (filtered)		07/01/2021		157	mg/l
	Chromium (filtered)		07/01/2021		0.0611	mg/l
	Copper (filtered)		07/01/2021		0.0183	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
Cell 1/2 Sump	Iron (filtered)	TM152	07/01/2021		5.68	mg/l
	Lead (filtered)		07/01/2021		<0.002	mg/l
	Magnesium (filtered)		07/01/2021		89.5	mg/l
	Manganese (filtered)		07/01/2021		2.65	mg/l
	Nickel (filtered)		07/01/2021		0.115	mg/l
	Potassium (filtered)		07/01/2021		1340	mg/l
	Sodium (filtered)		07/01/2021		2180	mg/l
	Zinc (filtered)		07/01/2021		0.16	mg/l
	4-Methylphenol	TM176	07/01/2021	<1.6 mg/l	<0.01	mg/l
	Diethyl phthalate		07/01/2021	<0.44 mg/l	<0.01	mg/l
	Chloride	TM184	14/01/2021	<19,000 mg/l	7640	mg/l
			10/02/2021	<19,000 mg/l	920	mg/l
			10/03/2021	<19,000 mg/l	5380	mg/l
	Sulphate		14/01/2021		<10	mg/l
	Total Oxidised Nitrogen as N		14/01/2021		0.619	mg/l
	Dichloromethane	TM208	07/01/2021	<0.033 mg/l	<0.003	mg/l
	Mecoprop	TM411	07/01/2021	<0.071 mg/l	0.0996	mg/l
	Cell 3/4 Sump	Base of well/borehole/sump	Field		11.3	m
					11.3	m
					11.3	m
	Groundwater level/dip		06/01/2021		10.83	m
			09/02/2021		10.79	m
			08/03/2021		10.97	m
	Leachate level above base of sump/pit base		06/01/2021	2.8m above base	0.47	m
			09/02/2021	2.8m above base	0.51	m
			08/03/2021	2.8m above base	0.33	m
	Total Alkalinity as CaCO3	TM043	07/01/2021		3600	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
Cell 3/4 Sump	Ammoniacal Nitrogen as N	TM099	07/01/2021	<3,640 mg/l	829	mg/l
			10/02/2021	<3,640 mg/l	379	mg/l
			10/03/2021	<3,640 mg/l	250	mg/l
	Electrical conductivity @20°C (lab)	TM120	07/01/2021		16300	µS/cm
			10/02/2021		7720	µS/cm
			10/03/2021		16200	µS/cm
	Cadmium (filtered)	TM152	07/01/2021	<0.105 mg/l	0.000274	mg/l
	Calcium (filtered)		07/01/2021		149	mg/l
	Chromium (filtered)		07/01/2021		0.0635	mg/l
	Copper (filtered)		07/01/2021		0.0153	mg/l
	Iron (filtered)		07/01/2021		6.46	mg/l
	Lead (filtered)		07/01/2021		0.00124	mg/l
	Magnesium (filtered)		07/01/2021		90.6	mg/l
	Manganese (filtered)		07/01/2021		2.45	mg/l
	Nickel (filtered)		07/01/2021		0.107	mg/l
	Potassium (filtered)		07/01/2021		1370	mg/l
	Sodium (filtered)		07/01/2021		2120	mg/l
	Zinc (filtered)		07/01/2021		0.148	mg/l
	4-Methylphenol		07/01/2021	<1.6 mg/l	<0.01	mg/l
	Diethyl phthalate		07/01/2021	<0.44 mg/l	<0.01	mg/l
	Chloride	TM184	07/01/2021	<19,000 mg/l	4180	mg/l
			10/02/2021	<19,000 mg/l	1690	mg/l
			10/03/2021	<19,000 mg/l	3960	mg/l
	Sulphate		07/01/2021		53.9	mg/l
	Total Oxidised Nitrogen as N		07/01/2021		26	mg/l
	Dichloromethane	TM208	07/01/2021	<0.033 mg/l	<0.003	mg/l
	Mecoprop	TM411	07/01/2021	<0.071 mg/l	0.0238	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	06/01/2021		6.3	m
			09/02/2021		6.3	m
			08/03/2021		5.8	m
	Groundwater level/dip		06/01/2021		5.7	m
			09/02/2021		5.7	m
			08/03/2021		5.73	m
	Leachate level above base of sump/pit base		06/01/2021	2m above base	0.6	m
			09/02/2021	2m above base	0.6	m
			08/03/2021	2m above base	0.07	m
	Total Alkalinity as CaCO3	TM043	07/01/2021		3780	mg/l
	Ammoniacal Nitrogen as N	TM099	07/01/2021	<3,640 mg/l	852	mg/l
			10/02/2021	<3,640 mg/l	747	mg/l
			10/03/2021	<3,640 mg/l	945	mg/l
	Electrical conductivity @20°C (lab)	TM120	07/01/2021		17000	µS/cm
			10/02/2021		14700	µS/cm
			10/03/2021		18800	µS/cm
	Cadmium (filtered)	TM152	07/01/2021	<0.105 mg/l	0.000254	mg/l
	Calcium (filtered)		07/01/2021		129	mg/l
	Chromium (filtered)		07/01/2021		0.0665	mg/l
	Copper (filtered)		07/01/2021		0.0151	mg/l
	Iron (filtered)		07/01/2021		3.11	mg/l
	Lead (filtered)		07/01/2021		0.000914	mg/l
	Magnesium (filtered)		07/01/2021		88.2	mg/l
	Manganese (filtered)		07/01/2021		1.49	mg/l
	Nickel (filtered)		07/01/2021		0.11	mg/l
	Potassium (filtered)		07/01/2021		1370	mg/l
	Sodium (filtered)		07/01/2021		2140	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
Cell 5 Sump	Zinc (filtered)	TM152	07/01/2021		0.24	mg/l
	4-Methylphenol	TM176	07/01/2021	<0.126 mg/l	<0.01	mg/l
	Diethyl phthalate		07/01/2021	<0.36 mg/l	<0.01	mg/l
	Chloride	TM184	07/01/2021	<19,000 mg/l	4290	mg/l
			10/02/2021	<19,000 mg/l	3770	mg/l
			10/03/2021	<19,000 mg/l	4610	mg/l
	Sulphate		07/01/2021		68.2	mg/l
	Total Oxidised Nitrogen as N		07/01/2021		30.7	mg/l
	Dichloromethane	TM208	07/01/2021	<0.066 mg/l	<0.003	mg/l
	Mecoprop	TM411	07/01/2021	<0.14 mg/l	0.0237	mg/l
Cell 6 Sump	Base of well/borehole/sump	Field	06/01/2021		24.2	m
			09/02/2021		24.2	m
			08/03/2021		24.6	m
	Groundwater level/dip		06/01/2021		23.8	m
			09/02/2021		23.8	m
			08/03/2021		24.28	m
	Leachate level above base of sump/pit base		06/01/2021	1.5m above base	0.4	m
			09/02/2021	1.5m above base	0.4	m
			08/03/2021	1.5m above base	0.32	m
	Total Alkalinity as CaCO3	TM043	07/01/2021		6000	mg/l
	Ammoniacal Nitrogen as N	TM099	07/01/2021	<3,640 mg/l	1210	mg/l
			10/02/2021	<3,640 mg/l	939	mg/l
			10/03/2021	<3,640 mg/l	818	mg/l
	Electrical conductivity @20°C (lab)	TM120	07/01/2021		13300	µS/cm
			10/02/2021		9840	µS/cm
			10/03/2021		9450	µS/cm
	Cadmium (filtered)	TM152	07/01/2021	<0.105 mg/l	<0.0008	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
Cell 6 Sump	Calcium (filtered)	TM152	07/01/2021		67.6	mg/l
	Chromium (filtered)		07/01/2021		0.225	mg/l
	Copper (filtered)		07/01/2021		0.00391	mg/l
	Iron (filtered)		07/01/2021		3.41	mg/l
	Lead (filtered)		07/01/2021		0.0034	mg/l
	Magnesium (filtered)		07/01/2021		48	mg/l
	Manganese (filtered)		07/01/2021		0.746	mg/l
	Nickel (filtered)		07/01/2021		0.154	mg/l
	Potassium (filtered)		07/01/2021		572	mg/l
	Sodium (filtered)		07/01/2021		1370	mg/l
	Zinc (filtered)		07/01/2021		0.102	mg/l
	4-Methylphenol	TM176	07/01/2021	<0.126 mg/l	<0.02	mg/l
	Diethyl phthalate		07/01/2021	<0.36 mg/l	<0.02	mg/l
	Chloride	TM184	07/01/2021	<19,000 mg/l	1580	mg/l
			10/02/2021	<19,000 mg/l	1200	mg/l
			10/03/2021	<19,000 mg/l	1050	mg/l
	Sulphate		07/01/2021		197	mg/l
	Total Oxidised Nitrogen as N		07/01/2021		2.82	mg/l
Cell 7 Sump	Dichloromethane	TM208	07/01/2021	<0.066 mg/l	<0.003	mg/l
	Mecoprop	TM411	07/01/2021	<0.14 mg/l	0.0166	mg/l
	Base of well/borehole/sump	Field	06/01/2021		23	m
			09/02/2021		23	m
			08/03/2021		23	m
	Groundwater level/dip		06/01/2021		22.47	m
			09/02/2021		22.44	m
			08/03/2021		22.94	m
	Leachate level above base of sump/pit base		06/01/2021	1.5m above base	0.53	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
Cell 7 Sump	Leachate level above base of sump/pit base	Field	09/02/2021	1.5m above base	0.56	m
			08/03/2021	1.5m above base	0.06	m
			07/01/2021		7640	mg/l
	Total Alkalinity as CaCO3	TM043	07/01/2021		7640	mg/l
	Ammoniacal Nitrogen as N	TM099	07/01/2021	<3,640 mg/l	1520	mg/l
			10/02/2021	<3,640 mg/l	1550	mg/l
			10/03/2021	<3,640 mg/l	1550	mg/l
	Electrical conductivity @20°C (lab)	TM120	07/01/2021		16800	µS/cm
			10/02/2021		16400	µS/cm
			10/03/2021		16300	µS/cm
	Cadmium (filtered)	TM152	07/01/2021	<0.105 mg/l	<0.0008	mg/l
	Calcium (filtered)		07/01/2021		80.7	mg/l
	Chromium (filtered)		07/01/2021		0.293	mg/l
	Copper (filtered)		07/01/2021		0.00547	mg/l
	Iron (filtered)		07/01/2021		4.58	mg/l
	Lead (filtered)		07/01/2021		0.00435	mg/l
	Magnesium (filtered)		07/01/2021		64.2	mg/l
	Manganese (filtered)		07/01/2021		0.992	mg/l
	Nickel (filtered)		07/01/2021		0.2	mg/l
	Potassium (filtered)		07/01/2021		770	mg/l
	Sodium (filtered)		07/01/2021		1870	mg/l
	Zinc (filtered)		07/01/2021		0.104	mg/l
	4-Methylphenol	TM176	07/01/2021	<0.126 mg/l	<0.02	mg/l
	Diethyl phthalate		07/01/2021	<0.36 mg/l	<0.02	mg/l
	Chloride	TM184	07/01/2021	<19,000 mg/l	2050	mg/l
			10/02/2021	<19,000 mg/l	2110	mg/l
			10/03/2021	<19,000 mg/l	1970	mg/l
	Sulphate		07/01/2021		249	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
Cell 7 Sump	Total Oxidised Nitrogen as N	TM184	07/01/2021		<2	mg/l
	Dichloromethane	TM208	07/01/2021	<0.066 mg/l	<0.003	mg/l
	Mecoprop	TM411	07/01/2021	<0.14 mg/l	0.0234	mg/l
Leachate Holding Lagoon	Base of well/borehole/sump	Field	09/02/2021		8.5	m
			08/03/2021		8.5	m
			09/02/2021		1.2	m
			08/03/2021		1.8	m
			07/01/2021		3320	mg/l
	Ammoniacal Nitrogen as N	TM099	07/01/2021	<3,640 mg/l	721	mg/l
			10/02/2021	<3,640 mg/l	2460	mg/l
			10/03/2021	<3,640 mg/l	1160	mg/l
	Electrical conductivity @20°C (lab)	TM120	07/01/2021		12000	µS/cm
			10/02/2021		39100	µS/cm
			10/03/2021		18300	µS/cm
	Cadmium (filtered)	TM152	07/01/2021		0.000104	mg/l
			14/01/2021		<0.00008	mg/l
	Calcium (filtered)		07/01/2021		68.7	mg/l
			14/01/2021		49.6	mg/l
	Chromium (filtered)		07/01/2021		0.0896	mg/l
			14/01/2021		0.0612	mg/l
	Copper (filtered)		07/01/2021		0.0053	mg/l
			14/01/2021		0.00345	mg/l
	Iron (filtered)		07/01/2021		2.84	mg/l
			14/01/2021		1.3	mg/l
	Lead (filtered)		07/01/2021		0.00299	mg/l
			14/01/2021		0.0016	mg/l
	Magnesium (filtered)		07/01/2021		53.1	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
Leachate Holding Lagoon	Magnesium (filtered)	TM152	14/01/2021		37	mg/l
	Manganese (filtered)		07/01/2021		0.635	mg/l
			14/01/2021		0.438	mg/l
	Nickel (filtered)		07/01/2021		0.091	mg/l
			14/01/2021		0.0629	mg/l
	Potassium (filtered)		07/01/2021		794	mg/l
			14/01/2021		442	mg/l
	Sodium (filtered)		07/01/2021		1220	mg/l
			14/01/2021		652	mg/l
	Zinc (filtered)		07/01/2021		0.0389	mg/l
			14/01/2021		0.018	mg/l
	4-Methylphenol	TM176	07/01/2021		<0.01	mg/l
	Diethyl phthalate		07/01/2021		<0.01	mg/l
	Chloride	TM184	07/01/2021	<19,000 mg/l	2550	mg/l
			10/02/2021	<19,000 mg/l	12300	mg/l
			10/03/2021	<19,000 mg/l	3860	mg/l
	Sulphate		07/01/2021		62.2	mg/l
	Total Oxidised Nitrogen as N		07/01/2021		0.423	mg/l
	Dichloromethane	TM208	07/01/2021		<0.003	mg/l
	Mecoprop	TM411	07/01/2021		0.0157	mg/l
LMP5a	Base of well/borehole/sump	Field	06/01/2021		8.73	m
			09/02/2021		8.73	m
			08/03/2021		8.5	m
	Groundwater level/dip		06/01/2021		8.63	m
			09/02/2021		8.64	m
			08/03/2021		DRY	m
	Leachate level above base of sump/pit base		06/01/2021	1.5m above base	0.1	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
LMP5a	Leachate level above base of sump/pit base	Field	09/02/2021	1.5m above base	0.09	m
LMP5b	Base of well/borehole/sump		06/01/2021		6.8	m
			09/02/2021		6.8	m
			08/03/2021		6.8	m
	Groundwater level/dip		06/01/2021		DRY	m
			09/02/2021		DRY	m
			08/03/2021		6.73	m
	Leachate level above base of sump/pit base		08/03/2021	1.5m above base	0.07	m
LMP6a	Base of well/borehole/sump		06/01/2021		11.32	m
			09/02/2021		11.32	m
			08/03/2021		11.4	m
	Groundwater level/dip		06/01/2021		11	m
			09/02/2021		11	m
			08/03/2021		DRY	m
	Leachate level above base of sump/pit base		06/01/2021	1.5m above base	0.32	m
			09/02/2021	1.5m above base	0.32	m
LMP7a	Base of well/borehole/sump		06/01/2021		10.48	m
			09/02/2021		10.48	m
			08/03/2021		10.48	m
LMP7b	Base of well/borehole/sump		06/01/2021		4.12	m
			09/02/2021		4.12	m
			08/03/2021		4	m
	Groundwater level/dip		06/01/2021		4.1	m
			09/02/2021		DRY	m
			08/03/2021		3.97	m
	Leachate level above base of sump/pit base		06/01/2021	1.5m above base	0.02	m
			08/03/2021	1.5m above base	0.03	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
M1A	Base of well/borehole/sump	Field	06/01/2021		16.4	m
			09/02/2021		16.4	m
			08/03/2021		16.41	m
	Groundwater level/dip		06/01/2021		16.15	m
			09/02/2021		16.15	m
			08/03/2021		16.28	m
	Leachate level above base of sump/pit base		06/01/2021	2m above base	0.25	m
			09/02/2021	2m above base	0.25	m
			08/03/2021	2m above base	0.13	m
M1B	Base of well/borehole/sump		06/01/2021		11.43	m
			09/02/2021		11.43	m
			08/03/2021		10.5	m
	Groundwater level/dip		06/01/2021		11.1	m
			09/02/2021		11.1	m
			08/03/2021		10.26	m
	Leachate level above base of sump/pit base		06/01/2021	2m above base	0.33	m
			09/02/2021	2m above base	0.33	m
			08/03/2021	2m above base	0.24	m
M2A	Base of well/borehole/sump		06/01/2021		24.25	m
			09/02/2021		24.25	m
			08/03/2021		21	m
	Groundwater level/dip		06/01/2021		24	m
			09/02/2021		24	m
			08/03/2021		20.6	m
	Leachate level above base of sump/pit base		06/01/2021	2m above base	0.25	m
			09/02/2021	2m above base	0.25	m
			08/03/2021	2m above base	0.4	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
M2B	Base of well/borehole/sump	Field	06/01/2021		20.17	m
			09/02/2021		20.17	m
			08/03/2021		19.8	m
	Groundwater level/dip		06/01/2021		19.88	m
			09/02/2021		19.86	m
			08/03/2021		19.76	m
	Leachate level above base of sump/pit base		06/01/2021	2m above base	0.29	m
			09/02/2021	2m above base	0.31	m
			08/03/2021	2m above base	0.04	m
M3A	Base of well/borehole/sump		06/01/2021		21.44	m
			09/02/2021		21.44	m
			08/03/2021		21.5	m
	Groundwater level/dip		06/01/2021		20.97	m
			09/02/2021		20.95	m
			08/03/2021		21.39	m
	Leachate level above base of sump/pit base		06/01/2021	1.8m above base	0.47	m
			09/02/2021	1.8m above base	0.49	m
			08/03/2021	1.8m above base	0.11	m
M3B	Base of well/borehole/sump		06/01/2021		14.63	m
			09/02/2021		14.63	m
			08/03/2021		15.54	m
	Groundwater level/dip		06/01/2021		14.12	m
			09/02/2021		14.08	m
			08/03/2021		15.4	m
	Leachate level above base of sump/pit base		06/01/2021	1.8m above base	0.51	m
			09/02/2021	1.8m above base	0.55	m
			08/03/2021	1.8m above base	0.14	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
M4A	Base of well/borehole/sump	Field	06/01/2021		19	m
			09/02/2021		19	m
			08/03/2021		19	m
	Groundwater level/dip		06/01/2021		18.74	m
			09/02/2021		18.73	m
			08/03/2021		18.79	m
	Leachate level above base of sump/pit base		06/01/2021	1.8m above base	0.26	m
			09/02/2021	1.8m above base	0.27	m
			08/03/2021	1.8m above base	0.21	m
M4B	Base of well/borehole/sump		06/01/2021		16.84	m
			09/02/2021		16.84	m
			08/03/2021		17	m
	Groundwater level/dip		06/01/2021		16.32	m
			09/02/2021		16.3	m
			08/03/2021		16.87	m
	Leachate level above base of sump/pit base		06/01/2021	1.8m above base	0.52	m
			09/02/2021	1.8m above base	0.54	m
			08/03/2021	1.8m above base	0.13	m

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

- (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: 31 March 2021

(Authorised to sign as representative of
Operator)