

Operator: CWM Environmental Ltd
Permit: CP3735PB

Installation: Nantycaws Landfill Site
Form: Surface waters Q4 2019

Reporting of surface water monitoring for the period 01-Jan-2022 to 31-Mar-2022

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW201	Ionic balance	Calculation	11-Jan-2022		-6.17	%
	Electrical conductivity (field)	Field	11-Jan-2022		516	µS/cm
			08-Feb-2022		441	µS/cm
			02-Mar-2022		239	µS/cm
	Groundwater level/dip		11-Jan-2022		50	mm
			08-Feb-2022		53	mm
			02-Mar-2022		33	mm
	Water temperature		11-Jan-2022		10.3	°C
			08-Feb-2022		9.4	°C
			02-Mar-2022		7.9	°C
	Total organic carbon	SUB	11-Jan-2022		1.3	mg/l
	Total Suspended solids	TM022	11-Jan-2022		4.34	mg/l
			08-Feb-2022		39.4	mg/l
			02-Mar-2022		5.45	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	11-Jan-2022		234	mg/l
	Total Alkalinity as CaCO3		11-Jan-2022		234	mg/l
	Total alkalinity as CaCO3 (filtered)		11-Jan-2022		234	mg/l
	Ammoniacal Nitrogen as N	TM099	11-Jan-2022		<0.2	mg/l
			08-Feb-2022		4.11	mg/l
			02-Mar-2022		<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	11-Jan-2022		537	µS/cm
	Cadmium (filtered)	TM152	11-Jan-2022		<0.00008	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW201	Calcium (filtered)	TM152	11-Jan-2022		87.2	mg/l
	Chromium (filtered)		11-Jan-2022		<0.001	mg/l
	Iron (filtered)		11-Jan-2022		0.0877	mg/l
	Lead (filtered)		11-Jan-2022		0.00179	mg/l
	Magnesium (filtered)		11-Jan-2022		10.2	mg/l
	Manganese (filtered)		11-Jan-2022		0.03	mg/l
	Nickel (filtered)		11-Jan-2022		0.00134	mg/l
	Potassium (filtered)		11-Jan-2022		1.34	mg/l
	Sodium (filtered)		11-Jan-2022		9.52	mg/l
	Zinc (filtered)		11-Jan-2022		0.0196	mg/l
	4-Methylphenol	TM176	11-Jan-2022		<0.001	mg/l
	Diethyl phthalate		11-Jan-2022		<0.001	mg/l
	Chloride	TM184	11-Jan-2022		41.6	mg/l
			08-Feb-2022		42.3	mg/l
			02-Mar-2022		30.8	mg/l
	Nitrate as NO3		11-Jan-2022		7.92	mg/l
	Nitrite as NO2		11-Jan-2022		<0.05	mg/l
	Sulphate		11-Jan-2022		19	mg/l
	Total Oxidised Nitrogen as N		11-Jan-2022		1.8	mg/l
	Dichloromethane	TM208	11-Jan-2022		<0.003	mg/l
	Electrical conductivity @20°C (lab)	TM256	08-Feb-2022		437	µS/cm
			02-Mar-2022		233	µS/cm
			11-Jan-2022		7.38	pH units
	pH (lab)		08-Feb-2022		7.89	pH units
			02-Mar-2022		7.41	pH units
	Mecoprop	TM411	11-Jan-2022		<0.00004	mg/l
SW202	Ionic balance	Calculation	11-Jan-2022		-6.05	%
	Electrical conductivity (field)	Field	11-Jan-2022		646	µS/cm
			08-Feb-2022		435	µS/cm

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW202	Electrical conductivity (field)	Field	02-Mar-2022		424	µS/cm
	Groundwater level/dip		11-Jan-2022		31	mm
			08-Feb-2022		33	mm
			02-Mar-2022		28	mm
	Water temperature		11-Jan-2022		16	°C
			08-Feb-2022		10.4	°C
			02-Mar-2022		6.1	°C
	Total organic carbon	SUB	11-Jan-2022		3.8	mg/l
	Total Suspended solids	TM022	11-Jan-2022		<4	mg/l
			08-Feb-2022		17.2	mg/l
			02-Mar-2022		13.7	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	11-Jan-2022		204	mg/l
	Total Alkalinity as CaCO3		11-Jan-2022		205	mg/l
	Total alkalinity as CaCO3 (filtered)		11-Jan-2022		204	mg/l
	Ammoniacal Nitrogen as N	TM099	11-Jan-2022		0.244	mg/l
			08-Feb-2022		1.26	mg/l
			02-Mar-2022		0.276	mg/l
	Electrical conductivity @20°C (lab)	TM120	11-Jan-2022		446	µS/cm
	Cadmium (filtered)	TM152	11-Jan-2022		<0.00008	mg/l
	Calcium (filtered)		11-Jan-2022		67.7	mg/l
	Chromium (filtered)		11-Jan-2022		<0.001	mg/l
	Iron (filtered)		11-Jan-2022		0.0818	mg/l
	Lead (filtered)		11-Jan-2022		0.000994	mg/l
	Magnesium (filtered)		11-Jan-2022		6.6	mg/l
	Manganese (filtered)		11-Jan-2022		0.0298	mg/l
	Nickel (filtered)		11-Jan-2022		0.000908	mg/l
	Potassium (filtered)		11-Jan-2022		9.88	mg/l
	Sodium (filtered)		11-Jan-2022		10.9	mg/l
	Zinc (filtered)		11-Jan-2022		0.0118	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW202	4-Methylphenol	TM176	11-Jan-2022		<0.001	mg/l
	Diethyl phthalate		11-Jan-2022		<0.001	mg/l
	Chloride	TM184	11-Jan-2022		24.3	mg/l
			08-Feb-2022		38.2	mg/l
			02-Mar-2022		39.4	mg/l
	Nitrate as NO3		11-Jan-2022		9.52	mg/l
	Nitrite as NO2		11-Jan-2022		0.071	mg/l
	Sulphate		11-Jan-2022		16.9	mg/l
	Total Oxidised Nitrogen as N		11-Jan-2022		2.17	mg/l
	Dichloromethane	TM208	11-Jan-2022		<0.003	mg/l
	Electrical conductivity @20°C (lab)	TM256	08-Feb-2022		439	µS/cm
			02-Mar-2022		452	µS/cm
			11-Jan-2022		7.24	pH units
	pH (lab)		08-Feb-2022		7.97	pH units
			02-Mar-2022		7.85	pH units
	Mecoprop	TM411	11-Jan-2022		<0.00004	mg/l
SW203	Electrical conductivity (field)	Field	11-Jan-2022		340	µS/cm
			08-Feb-2022		748	µS/cm
			02-Mar-2022		513	µS/cm
	Groundwater level/dip		11-Jan-2022		26	mm
			08-Feb-2022		29	mm
			02-Mar-2022		41	mm
	Water temperature		11-Jan-2022		9	°C
			08-Feb-2022		10.6	°C
			02-Mar-2022		6.7	°C
	Total Suspended solids	TM022	11-Jan-2022		5.5	mg/l
			08-Feb-2022		5.75	mg/l
			02-Mar-2022		4.5	mg/l
	Ammoniacal Nitrogen as N	TM099	11-Jan-2022		4.55	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW203	Ammoniacal Nitrogen as N	TM099	08-Feb-2022		10.6	mg/l
			02-Mar-2022		5.28	mg/l
	Electrical conductivity @20°C (lab)	TM120	11-Jan-2022		329	µS/cm
	Cadmium (filtered)	TM152	11-Jan-2022		<0.00008	mg/l
	4-Methylphenol	TM176	11-Jan-2022		<0.001	mg/l
	Diethyl phthalate		11-Jan-2022		<0.001	mg/l
	Chloride	TM184	11-Jan-2022		33.1	mg/l
			08-Feb-2022		60.2	mg/l
			02-Mar-2022		42.6	mg/l
	Dichloromethane	TM208	11-Jan-2022		<0.003	mg/l
	Electrical conductivity @20°C (lab)	TM256	08-Feb-2022		670	µS/cm
			02-Mar-2022		569	µS/cm
	pH (lab)		11-Jan-2022		7.71	pH units
			08-Feb-2022		7.77	pH units
			02-Mar-2022		7.65	pH units
	Mecoprop	TM411	11-Jan-2022		<0.00008	mg/l
	Ionic balance	Calculation	11-Jan-2022		-6.41	%
	Electrical conductivity (field)	Field	11-Jan-2022		392	µS/cm
SW204			08-Feb-2022		403	µS/cm
			02-Mar-2022		405	µS/cm
	Groundwater level/dip		11-Jan-2022		24	mm
			08-Feb-2022		24	mm
			02-Mar-2022		26	mm
	Water temperature		11-Jan-2022		9	°C
			08-Feb-2022		10.9	°C
			02-Mar-2022		5.5	°C
	Total organic carbon	SUB	11-Jan-2022		12.4	mg/l
	Total Suspended solids	TM022	11-Jan-2022		3.95	mg/l
			08-Feb-2022		5.15	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW204	Total Suspended solids	TM022	02-Mar-2022		32.1	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	11-Jan-2022		152	mg/l
	Total Alkalinity as CaCO3		11-Jan-2022		150	mg/l
	Total alkalinity as CaCO3 (filtered)		11-Jan-2022		152	mg/l
	Ammoniacal Nitrogen as N	TM099	11-Jan-2022		<0.2	mg/l
			08-Feb-2022		<0.2	mg/l
			02-Mar-2022		<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	11-Jan-2022		415	µS/cm
	Cadmium (filtered)	TM152	11-Jan-2022		<0.00008	mg/l
	Calcium (filtered)		11-Jan-2022		58.5	mg/l
	Chromium (filtered)		11-Jan-2022		<0.001	mg/l
	Iron (filtered)		11-Jan-2022		0.154	mg/l
	Lead (filtered)		11-Jan-2022		0.000716	mg/l
	Magnesium (filtered)		11-Jan-2022		4.49	mg/l
	Manganese (filtered)		11-Jan-2022		0.029	mg/l
	Nickel (filtered)		11-Jan-2022		0.00103	mg/l
	Potassium (filtered)		11-Jan-2022		19.5	mg/l
	Sodium (filtered)		11-Jan-2022		9.49	mg/l
	Zinc (filtered)		11-Jan-2022		0.00951	mg/l
	4-Methylphenol	TM176	11-Jan-2022		<0.001	mg/l
	Diethyl phthalate		11-Jan-2022		<0.001	mg/l
	Chloride	TM184	11-Jan-2022		28.9	mg/l
			08-Feb-2022		41	mg/l
			02-Mar-2022		29	mg/l
	Nitrate as NO3		11-Jan-2022		12.3	mg/l
	Nitrite as NO2		11-Jan-2022		<0.05	mg/l
	Sulphate		11-Jan-2022		34.7	mg/l
	Total Oxidised Nitrogen as N		11-Jan-2022		2.78	mg/l
	Dichloromethane	TM208	11-Jan-2022		<0.003	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW204	Electrical conductivity @20°C (lab)	TM256	08-Feb-2022		421	µS/cm
			02-Mar-2022		447	µS/cm
	pH (lab)		11-Jan-2022		7.85	pH units
			08-Feb-2022		7.77	pH units
			02-Mar-2022		7.7	pH units
SW205a	Mecoprop	TM411	11-Jan-2022		<0.00004	mg/l
	Ionic balance	Calculation	11-Jan-2022		-3.6	%
	Electrical conductivity (field)	Field	11-Jan-2022		586	µS/cm
			08-Feb-2022		680	µS/cm
			02-Mar-2022		528	µS/cm
			11-Jan-2022		71	mm
	Groundwater level/dip		08-Feb-2022		77	mm
			02-Mar-2022		115	mm
			11-Jan-2022		10.2	°C
	Water temperature		08-Feb-2022		10.1	°C
			02-Mar-2022		5.9	°C
	Total organic carbon	SUB	11-Jan-2022		12.9	mg/l
	Total Suspended solids	TM022	11-Jan-2022	<70 mg/l	9.85	mg/l
			08-Feb-2022	<70 mg/l	7.12	mg/l
			02-Mar-2022	<70 mg/l	21.6	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	11-Jan-2022		211	mg/l
	Total Alkalinity as CaCO3		11-Jan-2022		215	mg/l
	Total alkalinity as CaCO3 (filtered)		11-Jan-2022		211	mg/l
	Ammoniacal Nitrogen as N	TM099	11-Jan-2022	<1.0 mg/l	<0.2	mg/l
			08-Feb-2022	<1.0 mg/l	0.933	mg/l
			02-Mar-2022	<1.0 mg/l	0.406	mg/l
	Electrical conductivity @20°C (lab)	TM120	11-Jan-2022		559	µS/cm
	Cadmium (filtered)	TM152	11-Jan-2022	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		11-Jan-2022		76.8	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW205a	Chromium (filtered)	TM152	11-Jan-2022		0.00138	mg/l
	Iron (filtered)		11-Jan-2022		0.303	mg/l
	Lead (filtered)		11-Jan-2022		0.00303	mg/l
	Magnesium (filtered)		11-Jan-2022		10	mg/l
	Manganese (filtered)		11-Jan-2022		0.0783	mg/l
	Nickel (filtered)		11-Jan-2022		0.00205	mg/l
	Potassium (filtered)		11-Jan-2022		31.6	mg/l
	Sodium (filtered)		11-Jan-2022		13.9	mg/l
	Zinc (filtered)		11-Jan-2022		0.021	mg/l
	4-Methylphenol	TM176	11-Jan-2022	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		11-Jan-2022	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	11-Jan-2022	<150 mg/l	38.1	mg/l
			08-Feb-2022	<150 mg/l	56	mg/l
			02-Mar-2022	<150 mg/l	51.6	mg/l
	Nitrate as NO3		11-Jan-2022		19.6	mg/l
	Nitrite as NO2		11-Jan-2022		0.201	mg/l
	Sulphate		11-Jan-2022		43.6	mg/l
	Total Oxidised Nitrogen as N		11-Jan-2022		4.5	mg/l
	Dichloromethane	TM208	11-Jan-2022	<0.002 mg/l	<0.003	mg/l
	Electrical conductivity @20°C (lab)	TM256	08-Feb-2022		774	µS/cm
			02-Mar-2022		578	µS/cm
			11-Jan-2022	6 to 9 pH units	8.02	pH units
			08-Feb-2022	6 to 9 pH units	7.88	pH units
			02-Mar-2022	6 to 9 pH units	7.94	pH units
	Mecoprop	TM411	11-Jan-2022	<0.000055 mg/l	<0.00004	mg/l
SW206	Ionic balance	Calculation	11-Jan-2022		-6.21	%
	Electrical conductivity (field)	Field	11-Jan-2022		241	µS/cm
			08-Feb-2022		298	µS/cm
			02-Mar-2022		218	µS/cm

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW206	Groundwater level/dip	Field	11-Jan-2022		68	mm
			08-Feb-2022		73	mm
			02-Mar-2022		78	mm
	Water temperature		11-Jan-2022		10.6	°C
			08-Feb-2022		9.5	°C
			02-Mar-2022		5.9	°C
	Total organic carbon	SUB	11-Jan-2022		3.8	mg/l
	Total Suspended solids	TM022	11-Jan-2022	<50 mg/l	5.65	mg/l
			08-Feb-2022	<50 mg/l	5.2	mg/l
			02-Mar-2022	<50 mg/l	5.05	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	11-Jan-2022		101	mg/l
	Total Alkalinity as CaCO3		11-Jan-2022		102	mg/l
	Total alkalinity as CaCO3 (filtered)		11-Jan-2022		101	mg/l
	Ammoniacal Nitrogen as N	TM099	11-Jan-2022	<1.0 mg/l	<0.2	mg/l
			08-Feb-2022	<1.0 mg/l	<0.2	mg/l
			02-Mar-2022	<1.0 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	11-Jan-2022		248	µS/cm
	Cadmium (filtered)	TM152	11-Jan-2022	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		11-Jan-2022		37.7	mg/l
	Chromium (filtered)		11-Jan-2022		<0.001	mg/l
	Iron (filtered)		11-Jan-2022		0.178	mg/l
	Lead (filtered)		11-Jan-2022		0.00125	mg/l
	Magnesium (filtered)		11-Jan-2022		2.65	mg/l
	Manganese (filtered)		11-Jan-2022		0.0255	mg/l
	Nickel (filtered)		11-Jan-2022		0.000469	mg/l
	Potassium (filtered)		11-Jan-2022		2.08	mg/l
	Sodium (filtered)		11-Jan-2022		6.7	mg/l
	Zinc (filtered)		11-Jan-2022		0.0173	mg/l
	4-Methylphenol	TM176	11-Jan-2022	<0.001 mg/l	<0.001	mg/l

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SW206	Diethyl phthalate	TM176	11-Jan-2022	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	11-Jan-2022	<150 mg/l	16.5	mg/l
			08-Feb-2022	<150 mg/l	16.2	mg/l
			02-Mar-2022	<150 mg/l	20.6	mg/l
	Nitrate as NO3		11-Jan-2022		7.09	mg/l
	Nitrite as NO2		11-Jan-2022		<0.05	mg/l
	Sulphate		11-Jan-2022		8.2	mg/l
	Total Oxidised Nitrogen as N		11-Jan-2022		1.61	mg/l
	Dichloromethane	TM208	11-Jan-2022	<0.002 mg/l	<0.003	mg/l
	Electrical conductivity @20°C (lab)	TM256	08-Feb-2022		291	µS/cm
			02-Mar-2022		236	µS/cm
	pH (lab)		11-Jan-2022	6 to 9 pH units	7.91	pH units
			08-Feb-2022	6 to 9 pH units	8.01	pH units
			02-Mar-2022	6 to 9 pH units	7.85	pH units
	Mecoprop	TM411	11-Jan-2022	<0.000055 mg/l	<0.00004	mg/l
SW207	Ionic balance	Calculation	11-Jan-2022		-1.34	%
	Electrical conductivity (field)	Field	11-Jan-2022		307	µS/cm
			08-Feb-2022		339	µS/cm
			02-Mar-2022		315	µS/cm
	Groundwater level/dip		11-Jan-2022		114	mm
			08-Feb-2022		124	mm
			02-Mar-2022		130	mm
	Water temperature		11-Jan-2022		9.5	°C
			08-Feb-2022		10.6	°C
			02-Mar-2022		7.5	°C
	Total organic carbon	SUB	11-Jan-2022		9.7	mg/l
	Total Suspended solids	TM022	11-Jan-2022		<4	mg/l
			08-Feb-2022		5.65	mg/l
			02-Mar-2022		12.9	mg/l

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SW207	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	11-Jan-2022		118	mg/l
	Total Alkalinity as CaCO3		11-Jan-2022		119	mg/l
	Total alkalinity as CaCO3 (filtered)		11-Jan-2022		118	mg/l
	Ammoniacal Nitrogen as N	TM099	11-Jan-2022		<0.2	mg/l
			08-Feb-2022		<0.2	mg/l
			02-Mar-2022		<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	11-Jan-2022		326	µS/cm
	Cadmium (filtered)	TM152	11-Jan-2022		<0.00008	mg/l
	Calcium (filtered)		11-Jan-2022		47.4	mg/l
	Chromium (filtered)		11-Jan-2022		<0.001	mg/l
	Iron (filtered)		11-Jan-2022		0.178	mg/l
	Lead (filtered)		11-Jan-2022		0.00125	mg/l
	Magnesium (filtered)		11-Jan-2022		3.89	mg/l
	Manganese (filtered)		11-Jan-2022		0.0271	mg/l
	Nickel (filtered)		11-Jan-2022		0.0016	mg/l
	Potassium (filtered)		11-Jan-2022		13.6	mg/l
	Sodium (filtered)		11-Jan-2022		11.1	mg/l
	Zinc (filtered)		11-Jan-2022		0.0116	mg/l
	4-Methylphenol	TM176	11-Jan-2022		<0.001	mg/l
	Diethyl phthalate		11-Jan-2022		<0.001	mg/l
	Chloride		11-Jan-2022		26.2	mg/l
			08-Feb-2022		31.5	mg/l
			02-Mar-2022		32.3	mg/l
	Nitrate as NO3		11-Jan-2022		13.6	mg/l
	Nitrite as NO2		11-Jan-2022		0.073	mg/l
	Sulphate		11-Jan-2022		14.4	mg/l
	Total Oxidised Nitrogen as N		11-Jan-2022		3.09	mg/l
	Dichloromethane	TM208	11-Jan-2022		<0.003	mg/l
	Electrical conductivity @20°C (lab)	TM256	08-Feb-2022		378	µS/cm

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW207	Electrical conductivity @20°C (lab)	TM256				
			02-Mar-2022		352	µS/cm
			11-Jan-2022		7.85	pH units
			08-Feb-2022		8.02	pH units
			02-Mar-2022		7.83	pH units
	Mecoprop	TM411	11-Jan-2022		<0.00008	mg/l

(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 above base of ditch / stream.

(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: 23 March 2022

(Authorised to sign as representative of
Operator)