

Operator: CWM Environmental Ltd
Permit: CP3735PB

Installation: Nantycaws Landfill Site
Form: Surface waters Q2 2021

Reporting of surface water monitoring for the period 01-Apr-2021 to 30-Jun-2021

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW201	Ionic balance	Calulation	20-Apr-2021		0.566	%
	Electrical conductivity (field)	Field	20-Apr-2021		282	µS/cm
			18-May-2021		186	µS/cm
			14-Jun-2021		461	µS/cm
	Groundwater level/dip		20-Apr-2021		23mm	m
			18-May-2021		38mm	m
			14-Jun-2021		25mm	m
	Water temperature		20-Apr-2021		7.1	°C
			18-May-2021		12.5	°C
			14-Jun-2021		16.9	°C
	Total Suspended solids	TM022	20-Apr-2021		4.5	mg/l
			18-May-2021		4.37	mg/l
			14-Jun-2021		<4	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	20-Apr-2021		145	mg/l
	Total Alkalinity as CaCO3		20-Apr-2021		145	mg/l
	Total alkalinity as CaCO3 (filtered)		20-Apr-2021		145	mg/l
	Total organic carbon	TM090	20-Apr-2021		4.05	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021		<0.2	mg/l
			18-May-2021		<0.2	mg/l
			14-Jun-2021		<0.2	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
SW201	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		309	µS/cm
			18-May-2021		185	µS/cm
			14-Jun-2021		443	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		55.2	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Iron (filtered)		20-Apr-2021		0.378	mg/l
	Lead (filtered)		20-Apr-2021		0.000307	mg/l
	Magnesium (filtered)		20-Apr-2021		4.85	mg/l
	Manganese (filtered)		20-Apr-2021		0.0325	mg/l
	Nickel (filtered)		20-Apr-2021		0.000566	mg/l
	Potassium (filtered)		20-Apr-2021		0.919	mg/l
	Sodium (filtered)		20-Apr-2021		8.51	mg/l
	Zinc (filtered)		20-Apr-2021		0.00454	mg/l
	4-Methylphenol	TM176	20-Apr-2021		<0.001	mg/l
	Diethyl phthalate		20-Apr-2021		<0.001	mg/l
	Chloride	TM184	20-Apr-2021		12.5	mg/l
			18-May-2021		9.5	mg/l
			14-Jun-2021		33	mg/l
	Nitrate as NO3		20-Apr-2021		8.39	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		5.8	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		1.91	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	pH (lab)	TM256	20-Apr-2021		8.09	pH units
			18-May-2021		7.79	pH units
			14-Jun-2021		7.44	pH units

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
SW201	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
SW202	Ionic balance	Calulation	20-Apr-2021		1.8	%
	Electrical conductivity (field)	Field	20-Apr-2021		303	µS/cm
			18-May-2021		444	µS/cm
			14-Jun-2021		325	µS/cm
	Groundwater level/dip		20-Apr-2021		36mm	m
			18-May-2021		42mm	m
			14-Jun-2021		28mm	m
	Water temperature		20-Apr-2021		6.8	°C
			18-May-2021		13	°C
			14-Jun-2021		18.9	°C
	Total Suspended solids	TM022	20-Apr-2021		8.75	mg/l
			18-May-2021		4.47	mg/l
			14-Jun-2021		5.9	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	20-Apr-2021		140	mg/l
	Total Alkalinity as CaCO3		20-Apr-2021		147	mg/l
	Total alkalinity as CaCO3 (filtered)		20-Apr-2021		140	mg/l
	Total organic carbon	TM090	20-Apr-2021		4.73	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021		<0.2	mg/l
			18-May-2021		1.36	mg/l
			28-May-2021		<0.2	mg/l
			14-Jun-2021		<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		316	µS/cm
			18-May-2021		471	µS/cm
			14-Jun-2021		407	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		55.1	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
SW202	Chromium (filtered)	TM152	20-Apr-2021		<0.001	mg/l
	Iron (filtered)		20-Apr-2021		0.382	mg/l
	Lead (filtered)		20-Apr-2021		0.000689	mg/l
	Magnesium (filtered)		20-Apr-2021		5.14	mg/l
	Manganese (filtered)		20-Apr-2021		0.0792	mg/l
	Nickel (filtered)		20-Apr-2021		0.000765	mg/l
	Potassium (filtered)		20-Apr-2021		3	mg/l
	Sodium (filtered)		20-Apr-2021		9.14	mg/l
	Zinc (filtered)		20-Apr-2021		0.0101	mg/l
	4-Methylphenol	TM176	20-Apr-2021		<0.001	mg/l
	Diethyl phthalate		20-Apr-2021		<0.001	mg/l
	Chloride	TM184	20-Apr-2021		14.9	mg/l
			18-May-2021		25.9	mg/l
			14-Jun-2021		25.4	mg/l
	Nitrate as NO3		20-Apr-2021		7.59	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		8.5	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		1.72	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	pH (lab)	TM256	20-Apr-2021		8.06	pH units
			18-May-2021		7.94	pH units
			14-Jun-2021		7.53	pH units
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
SW203	Electrical conductivity (field)	Field	20-Apr-2021		DRY	µS/cm
			18-May-2021		182	µS/cm
			14-Jun-2021		110	µS/cm
	Groundwater level/dip		20-Apr-2021		DRY	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
SW203	Groundwater level/dip	Field	18-May-2021		62mm	m
			14-Jun-2021		52mm	m
	Water temperature		20-Apr-2021		DRY	°C
			18-May-2021		14.6	°C
	Total Suspended solids	TM022	14-Jun-2021		19.2	°C
			18-May-2021		<2	mg/l
	Ammoniacal Nitrogen as N	TM099	14-Jun-2021		31.3	mg/l
			18-May-2021		<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	14-Jun-2021		<0.2	mg/l
			18-May-2021		172	µS/cm
	Chloride	TM184	14-Jun-2021		139	µS/cm
			18-May-2021		31.5	mg/l
	pH (lab)	TM256	14-Jun-2021		11.3	mg/l
			18-May-2021		9.73	pH units
	Ionic balance	Calulation	28-May-2021		8.18	pH units
			14-Jun-2021		7.49	pH units
			20-Apr-2021		0.888	%
SW204	Electrical conductivity (field)	Field	20-Apr-2021		290	µS/cm
			18-May-2021		396	µS/cm
	Groundwater level/dip		14-Jun-2021		185	µS/cm
			20-Apr-2021		20mm	m
			18-May-2021		31mm	m
	Water temperature		14-Jun-2021		21mm	m
			20-Apr-2021		8	°C
			18-May-2021		13.1	°C
	Total Suspended solids	TM022	14-Jun-2021		14.6	°C
			20-Apr-2021		3.35	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	18-May-2021		2.15	mg/l
			14-Jun-2021		4.95	mg/l
			20-Apr-2021		146	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	20-Apr-2021		151	mg/l
	Total Alkalinity as CaCO3		20-Apr-2021		146	mg/l
	Total alkalinity as CaCO3 (filtered)		20-Apr-2021		<3	mg/l
	Total organic carbon	TM090	20-Apr-2021		<0.2	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021		<0.2	mg/l
			18-May-2021		<0.2	mg/l
			14-Jun-2021		325	µS/cm
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		381	µS/cm
			18-May-2021		314	µS/cm
			14-Jun-2021		<0.00008	mg/l
	Cadmium (filtered)	TM152	20-Apr-2021		57	mg/l
	Calcium (filtered)		20-Apr-2021		<0.001	mg/l
	Chromium (filtered)		20-Apr-2021		0.114	mg/l
	Iron (filtered)		20-Apr-2021		0.000273	mg/l
	Lead (filtered)		20-Apr-2021		4.23	mg/l
	Magnesium (filtered)		20-Apr-2021		0.0461	mg/l
	Manganese (filtered)		20-Apr-2021		0.000486	mg/l
	Nickel (filtered)		20-Apr-2021		3.88	mg/l
	Potassium (filtered)		20-Apr-2021		6.93	mg/l
	Sodium (filtered)		20-Apr-2021		0.0085	mg/l
	Zinc (filtered)		20-Apr-2021		<0.001	mg/l
	4-Methylphenol	TM176	20-Apr-2021		<0.001	mg/l
	Diethyl phthalate		20-Apr-2021		12.7	mg/l
	Chloride	TM184	20-Apr-2021		19	mg/l
			18-May-2021			

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
SW204	Chloride	TM184	14-Jun-2021		11.9	mg/l
	Nitrate as NO3		20-Apr-2021		3.77	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		9.1	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		0.857	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	pH (lab)	TM256	20-Apr-2021		8.1	pH units
			18-May-2021		7.96	pH units
			14-Jun-2021		7.86	pH units
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
SW205a	Ionic balance	Calulation	20-Apr-2021		-1.59	%
	Electrical conductivity (field)	Field	20-Apr-2021		396	µS/cm
			18-May-2021		462	µS/cm
			14-Jun-2021		435	µS/cm
	Groundwater level/dip		20-Apr-2021		63mm	m
			18-May-2021		75mm	m
			14-Jun-2021		62mm	m
	Water temperature		20-Apr-2021		10.1	°C
			18-May-2021		14.9	°C
			14-Jun-2021		17	°C
	Total Suspended solids	TM022	20-Apr-2021	<70 mg/l	8.79	mg/l
			18-May-2021	<70 mg/l	10.2	mg/l
			14-Jun-2021	<70 mg/l	4.55	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	20-Apr-2021		185	mg/l
	Total Alkalinity as CaCO3		20-Apr-2021		181	mg/l
	Total alkalinity as CaCO3 (filtered)		20-Apr-2021		185	mg/l
	Total organic carbon	TM090	20-Apr-2021		<3	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
SW205a	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<1.0 mg/l	<0.2	mg/l
			18-May-2021	<1.0 mg/l	1.92	mg/l
			28-May-2021	<1.0 mg/l	0.23	mg/l
			14-Jun-2021	<1.0 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		392	µS/cm
			18-May-2021		505	µS/cm
			14-Jun-2021		416	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		68.3	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Iron (filtered)		20-Apr-2021		0.2	mg/l
	Lead (filtered)		20-Apr-2021		0.00095	mg/l
	Magnesium (filtered)		20-Apr-2021		6.11	mg/l
	Manganese (filtered)		20-Apr-2021		0.0861	mg/l
	Nickel (filtered)		20-Apr-2021		0.000598	mg/l
	Potassium (filtered)		20-Apr-2021		4.11	mg/l
	Sodium (filtered)		20-Apr-2021		9.32	mg/l
	Zinc (filtered)		20-Apr-2021		0.00958	mg/l
	4-Methylphenol	TM176	20-Apr-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		20-Apr-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	20-Apr-2021	<150 mg/l	19.5	mg/l
			18-May-2021	<150 mg/l	12.4	mg/l
			14-Jun-2021	<150 mg/l	23.1	mg/l
	Nitrate as NO3		20-Apr-2021		5.19	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		11.2	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		1.18	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
SW205a	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	pH (lab)	TM256	20-Apr-2021	6 to 9 pH units	8.1	pH units
			18-May-2021	6 to 9 pH units	7.95	pH units
			14-Jun-2021	6 to 9 pH units	7.69	pH units
SW206	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
	Ionic balance	Calulation	20-Apr-2021		1.75	%
	Electrical conductivity (field)	Field	20-Apr-2021		283	µS/cm
			18-May-2021		402	µS/cm
			14-Jun-2021		268	µS/cm
	Groundwater level/dip		20-Apr-2021		71mm	m
			18-May-2021		82mm	m
			14-Jun-2021		68mm	m
	Water temperature		20-Apr-2021		7.6	°C
			18-May-2021		14.8	°C
			14-Jun-2021		17.5	°C
	Total Suspended solids	TM022	20-Apr-2021	<50 mg/l	2.7	mg/l
			18-May-2021	<50 mg/l	4.1	mg/l
			14-Jun-2021	<50 mg/l	<4	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	20-Apr-2021		143	mg/l
	Total Alkalinity as CaCO3		20-Apr-2021		147	mg/l
	Total alkalinity as CaCO3 (filtered)		20-Apr-2021		143	mg/l
	Total organic carbon	TM090	20-Apr-2021		<3	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<1.0 mg/l	<0.2	mg/l
			18-May-2021	<1.0 mg/l	<0.2	mg/l
			14-Jun-2021	<1.0 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		303	µS/cm
			18-May-2021		477	µS/cm

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
SW206	Electrical conductivity @20°C (lab)	TM120	14-Jun-2021		294	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		56.4	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Iron (filtered)		20-Apr-2021		0.0419	mg/l
	Lead (filtered)		20-Apr-2021		0.00025	mg/l
	Magnesium (filtered)		20-Apr-2021		4.4	mg/l
	Manganese (filtered)		20-Apr-2021		0.00937	mg/l
	Nickel (filtered)		20-Apr-2021		0.000748	mg/l
	Potassium (filtered)		20-Apr-2021		1.16	mg/l
	Sodium (filtered)		20-Apr-2021		7.47	mg/l
	Zinc (filtered)		20-Apr-2021		0.0074	mg/l
	4-Methylphenol	TM176	20-Apr-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		20-Apr-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	20-Apr-2021	<150 mg/l	9.7	mg/l
			18-May-2021	<150 mg/l	36.5	mg/l
			14-Jun-2021	<150 mg/l	9.6	mg/l
	Nitrate as NO3		20-Apr-2021		6.72	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		8	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		1.52	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	pH (lab)	TM256	20-Apr-2021	6 to 9 pH units	8.25	pH units
			18-May-2021	6 to 9 pH units	7.63	pH units
			14-Jun-2021	6 to 9 pH units	8.19	pH units
	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
SW207	Ionic balance	Calulation	20-Apr-2021		-0.0756	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
SW207	Electrical conductivity (field)	Field	20-Apr-2021		273	µS/cm
			18-May-2021		357	µS/cm
			14-Jun-2021		204	µS/cm
	Groundwater level/dip		20-Apr-2021		52mm	m
			18-May-2021		100mm	m
			14-Jun-2021		76mm	m
	Water temperature		20-Apr-2021		9.1	°C
			18-May-2021		15.5	°C
			14-Jun-2021		15.6	°C
	Total Suspended solids	TM022	20-Apr-2021		2.6	mg/l
			18-May-2021		7.58	mg/l
			14-Jun-2021		5.25	mg/l
	Bicarbonate alkalinity as CaCO3 (filtered)	TM043	20-Apr-2021		150	mg/l
	Total Alkalinity as CaCO3		20-Apr-2021		151	mg/l
	Total alkalinity as CaCO3 (filtered)		20-Apr-2021		150	mg/l
	Total organic carbon	TM090	20-Apr-2021		3.25	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021		<0.2	mg/l
			18-May-2021		2.67	mg/l
			28-May-2021		0.454	mg/l
			14-Jun-2021		<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		315	µS/cm
			18-May-2021		406	µS/cm
			14-Jun-2021		299	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		56.2	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Iron (filtered)		20-Apr-2021		0.243	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
SW207	Lead (filtered)	TM152	20-Apr-2021		0.000337	mg/l
	Magnesium (filtered)		20-Apr-2021		4.75	mg/l
	Manganese (filtered)		20-Apr-2021		0.0219	mg/l
	Nickel (filtered)		20-Apr-2021		0.00052	mg/l
	Potassium (filtered)		20-Apr-2021		1.39	mg/l
	Sodium (filtered)		20-Apr-2021		8.38	mg/l
	Zinc (filtered)		20-Apr-2021		0.00489	mg/l
	4-Methylphenol	TM176	20-Apr-2021		<0.001	mg/l
	Diethyl phthalate		20-Apr-2021		<0.001	mg/l
	Chloride	TM184	20-Apr-2021		11.9	mg/l
			18-May-2021		29.3	mg/l
			14-Jun-2021		11.5	mg/l
	Nitrate as NO3		20-Apr-2021		7.64	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		6.8	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		1.74	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	pH (lab)	TM256	20-Apr-2021		8.23	pH units
			18-May-2021		7.98	pH units
			14-Jun-2021		8.18	pH units
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l

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 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 June 2021

(Authorised to sign as representative of
Operator)