

Operator: CWM Environmental Ltd
Permit: CP3735PB

Installation: Nantycaws Landfill Site
Form: Groundwaters Q3 2021

Reporting of groundwater monitoring for the period 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⁾
BH208	Base of well/borehole/sump	Field	26-Jul-2021		9.28	m
	Electrical conductivity (field)		26-Jul-2021		108	µS/cm
			10-Aug-2021		441	µS/cm
			13-Sep-2021		406	µS/cm
	Groundwater level/dip		26-Jul-2021		0.05	m
			10-Aug-2021		0.27	m
			13-Sep-2021		0.32	m
	Water temperature		26-Jul-2021		19.1	°C
			10-Aug-2021		14	°C
			13-Sep-2021		10.1	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		28.9	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	0.4	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		95.5	µS/cm
			10-Aug-2021		431	µS/cm
			13-Sep-2021		453	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		7.38	mg/l
	Chromium (filtered)		26-Jul-2021		0.00264	mg/l
	Copper (filtered)		26-Jul-2021		0.00121	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH208	Iron (filtered)	TM152	26-Jul-2021		0.044	mg/l
	Lead (filtered)		26-Jul-2021		0.000262	mg/l
	Magnesium (filtered)		26-Jul-2021		1.42	mg/l
	Manganese (filtered)		26-Jul-2021		0.0134	mg/l
	Nickel (filtered)		26-Jul-2021	<0.02 mg/l	0.00139	mg/l
	Potassium (filtered)		26-Jul-2021		2.72	mg/l
	Sodium (filtered)		26-Jul-2021		8.43	mg/l
	Zinc (filtered)		26-Jul-2021		0.0054	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		26-Jul-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	16.2	mg/l
			10-Aug-2021	<150 mg/l	15.3	mg/l
			13-Sep-2021	<150 mg/l	17.3	mg/l
	Nitrate as NO3		26-Jul-2021		0.371	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		<2	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		<0.1	mg/l
	Dichloromethane	TM208	26-Jul-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021	<0.000055 mg/l	<0.00008	mg/l
BH3/2	Base of well/borehole/sump	Field	26-Jul-2021		9.77	m
	Electrical conductivity (field)		26-Jul-2021		68	µS/cm
	Groundwater level/dip		26-Jul-2021		4.08	m
			10-Aug-2021		5.35	m
			13-Sep-2021		6	m
	Water temperature		26-Jul-2021		20.7	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		67.3	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		149	µS/cm

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/2	Cadmium (filtered)	TM152	26-Jul-2021		<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		21.7	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		0.156	mg/l
	Lead (filtered)		26-Jul-2021		0.000592	mg/l
	Magnesium (filtered)		26-Jul-2021		3.15	mg/l
	Manganese (filtered)		26-Jul-2021		0.0253	mg/l
	Nickel (filtered)		26-Jul-2021		<0.0004	mg/l
	Potassium (filtered)		26-Jul-2021		0.546	mg/l
	Sodium (filtered)		26-Jul-2021		4.74	mg/l
	Zinc (filtered)		26-Jul-2021		0.00522	mg/l
	4-Methylphenol	TM176	26-Jul-2021		<0.001	mg/l
	Diethyl phthalate		26-Jul-2021		<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	9.4	mg/l
	Nitrate as NO3		26-Jul-2021		<0.3	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		3.1	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		<0.1	mg/l
	Dichloromethane	TM208	26-Jul-2021		<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021		<0.00008	mg/l
BH3/3	Base of well/borehole/sump	Field	26-Jul-2021		11.7	m
	Electrical conductivity (field)		26-Jul-2021		56	µS/cm
	Groundwater level/dip		26-Jul-2021		ART	m
			10-Aug-2021		4.21	m
			13-Sep-2021		4.9	m
	Water temperature		26-Jul-2021		19.3	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		47.8	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/3	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		118	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021		8.02e-05	mg/l
	Calcium (filtered)		26-Jul-2021		17.9	mg/l
	Chromium (filtered)		26-Jul-2021		0.00308	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		0.0912	mg/l
	Lead (filtered)		26-Jul-2021		0.000872	mg/l
	Magnesium (filtered)		26-Jul-2021		2.25	mg/l
	Manganese (filtered)		26-Jul-2021		0.0227	mg/l
	Nickel (filtered)		26-Jul-2021		0.000496	mg/l
	Potassium (filtered)		26-Jul-2021		1.16	mg/l
	Sodium (filtered)		26-Jul-2021		5.69	mg/l
	Zinc (filtered)		26-Jul-2021		0.00893	mg/l
	4-Methylphenol	TM176	26-Jul-2021		<0.001	mg/l
	Diethyl phthalate		26-Jul-2021		<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	8.2	mg/l
	Nitrate as NO3		26-Jul-2021		<0.3	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		<2	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		<0.1	mg/l
	Dichloromethane	TM208	26-Jul-2021		<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021		<0.00008	mg/l
BH3/4	Base of well/borehole/sump	Field	26-Jul-2021		10.3	m
	Electrical conductivity (field)		26-Jul-2021		103	µS/cm
			10-Aug-2021		139	µS/cm
			13-Sep-2021		223	µS/cm
	Groundwater level/dip		26-Jul-2021		1.67	m

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/4	Groundwater level/dip	Field	10-Aug-2021		2.24	m
			13-Sep-2021		2.63	m
	Water temperature		26-Jul-2021		18.9	°C
			10-Aug-2021		18.9	°C
			13-Sep-2021		15.9	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		80.8	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		177	µS/cm
			10-Aug-2021		137	µS/cm
			13-Sep-2021		257	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		29.1	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		0.0524	mg/l
	Lead (filtered)		26-Jul-2021		0.000958	mg/l
	Magnesium (filtered)		26-Jul-2021		3.72	mg/l
	Manganese (filtered)		26-Jul-2021		0.0066	mg/l
	Nickel (filtered)		26-Jul-2021	<0.02 mg/l	0.000677	mg/l
	Potassium (filtered)		26-Jul-2021		0.718	mg/l
	Sodium (filtered)		26-Jul-2021		6.33	mg/l
	Zinc (filtered)		26-Jul-2021		0.00762	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		26-Jul-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	10.7	mg/l
			10-Aug-2021	<150 mg/l	9	mg/l

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BH3/4	Chloride	TM184	13-Sep-2021	<150 mg/l	9.9	mg/l
	Nitrate as NO3		26-Jul-2021		<0.3	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		2.5	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		<0.1	mg/l
	Dichloromethane	TM208	26-Jul-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021	<0.000055 mg/l	<0.00008	mg/l
BH3/5	Base of well/borehole/sump	Field	26-Jul-2021		6.46	m
	Electrical conductivity (field)		26-Jul-2021		162	µS/cm
	Groundwater level/dip		26-Jul-2021		4.5	m
			10-Aug-2021		4.82	m
			13-Sep-2021		2.43	m
	Water temperature		26-Jul-2021		20.8	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		58.1	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		134	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021		<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		20.4	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		0.00209	mg/l
	Iron (filtered)		26-Jul-2021		0.212	mg/l
	Lead (filtered)		26-Jul-2021		0.00147	mg/l
	Magnesium (filtered)		26-Jul-2021		3.12	mg/l
	Manganese (filtered)		26-Jul-2021		0.0459	mg/l
	Nickel (filtered)		26-Jul-2021		<0.0004	mg/l
	Potassium (filtered)		26-Jul-2021		0.634	mg/l
	Sodium (filtered)		26-Jul-2021		6.47	mg/l
	Zinc (filtered)		26-Jul-2021		0.00879	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/5	4-Methylphenol	TM176	26-Jul-2021		<0.001	mg/l
	Diethyl phthalate		26-Jul-2021		<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	10.9	mg/l
	Nitrate as NO3		26-Jul-2021		4.25	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		4.9	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		0.963	mg/l
	Dichloromethane	TM208	26-Jul-2021		<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021		<0.00008	mg/l
BH3/6	Base of well/borehole/sump	Field	26-Jul-2021		10.06	m
	Electrical conductivity (field)		26-Jul-2021		110	µS/cm
	Groundwater level/dip		26-Jul-2021		5.55	m
			10-Aug-2021		6.29	m
			13-Sep-2021		6.79	m
	Water temperature		26-Jul-2021		20.1	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		62	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		114	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021		<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		18.8	mg/l
	Chromium (filtered)		26-Jul-2021		0.00377	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		0.098	mg/l
	Lead (filtered)		26-Jul-2021		0.000546	mg/l
	Magnesium (filtered)		26-Jul-2021		2.23	mg/l
	Manganese (filtered)		26-Jul-2021		0.0191	mg/l
	Nickel (filtered)		26-Jul-2021		<0.0004	mg/l
	Potassium (filtered)		26-Jul-2021		1.1	mg/l

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BH3/6	Sodium (filtered)	TM152	26-Jul-2021		5.81	mg/l
	Zinc (filtered)		26-Jul-2021		0.00642	mg/l
	4-Methylphenol	TM176	26-Jul-2021		<0.001	mg/l
	Diethyl phthalate		26-Jul-2021		<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	8.2	mg/l
	Nitrate as NO3		26-Jul-2021		<0.3	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		<2	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		<0.1	mg/l
	Dichloromethane	TM208	26-Jul-2021		<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021		<0.00008	mg/l
BH3/8	Base of well/borehole/sump	Field	26-Jul-2021		10.52	m
	Electrical conductivity (field)		26-Jul-2021		229	µS/cm
	Groundwater level/dip		26-Jul-2021		3.25	m
			10-Aug-2021		3.75	m
			13-Sep-2021		4	m
	Water temperature		26-Jul-2021		20.6	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		105	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		650	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021		<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		87.4	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		0.0016	mg/l
	Iron (filtered)		26-Jul-2021		0.0984	mg/l
	Lead (filtered)		26-Jul-2021		<0.0002	mg/l
	Magnesium (filtered)		26-Jul-2021		15.3	mg/l

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BH3/8	Manganese (filtered)	TM152	26-Jul-2021		0.0189	mg/l
	Nickel (filtered)		26-Jul-2021		0.000403	mg/l
	Potassium (filtered)		26-Jul-2021		8.12	mg/l
	Sodium (filtered)		26-Jul-2021		24.2	mg/l
	Zinc (filtered)		26-Jul-2021		0.00222	mg/l
	4-Methylphenol	TM176	26-Jul-2021		<0.001	mg/l
	Diethyl phthalate		26-Jul-2021		<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	47.6	mg/l
	Nitrate as NO3		26-Jul-2021		5.45	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		216	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		1.23	mg/l
	Dichloromethane	TM208	26-Jul-2021		<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021		<0.00004	mg/l
BH3/9	Base of well/borehole/sump	Field	26-Jul-2021		10.55	m
	Electrical conductivity (field)		26-Jul-2021		57	µS/cm
	Groundwater level/dip		26-Jul-2021		5.7	m
			10-Aug-2021		3.75	m
			13-Sep-2021		7.13	m
	Water temperature		26-Jul-2021		22	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		35.1	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		113	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021		<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		15	mg/l
	Chromium (filtered)		26-Jul-2021		0.00138	mg/l
	Copper (filtered)		26-Jul-2021		0.000887	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/9	Iron (filtered)	TM152	26-Jul-2021		0.0307	mg/l
	Lead (filtered)		26-Jul-2021		<0.0002	mg/l
	Magnesium (filtered)		26-Jul-2021		1.08	mg/l
	Manganese (filtered)		26-Jul-2021		0.00766	mg/l
	Nickel (filtered)		26-Jul-2021		0.000604	mg/l
	Potassium (filtered)		26-Jul-2021		0.324	mg/l
	Sodium (filtered)		26-Jul-2021		8.56	mg/l
	Zinc (filtered)		26-Jul-2021		0.00261	mg/l
	4-Methylphenol	TM176	26-Jul-2021		<0.001	mg/l
	Diethyl phthalate		26-Jul-2021		<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	13.4	mg/l
	Nitrate as NO3		26-Jul-2021		<0.3	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		3.7	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		<0.1	mg/l
	Dichloromethane	TM208	26-Jul-2021		<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021		<0.00004	mg/l
BH5/02	Base of well/borehole/sump	Field	26-Jul-2021		19.45	m
	Electrical conductivity (field)		26-Jul-2021		230	µS/cm
			10-Aug-2021		432	µS/cm
			13-Sep-2021		427	µS/cm
	Groundwater level/dip		26-Jul-2021		1.96	m
			10-Aug-2021		2.1	m
			13-Sep-2021		2.22	m
	Water temperature		26-Jul-2021		18.9	°C
			10-Aug-2021		17.4	°C
			13-Sep-2021		16.7	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		221	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH5/02	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		450	µS/cm
			10-Aug-2021		448	µS/cm
			13-Sep-2021		453	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		82.5	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		0.00219	mg/l
	Iron (filtered)		26-Jul-2021		0.122	mg/l
	Lead (filtered)		26-Jul-2021		0.000765	mg/l
	Magnesium (filtered)		26-Jul-2021		9.7	mg/l
	Manganese (filtered)		26-Jul-2021		0.0501	mg/l
	Nickel (filtered)		26-Jul-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		26-Jul-2021		1.48	mg/l
	Sodium (filtered)		26-Jul-2021		11.4	mg/l
	Zinc (filtered)		26-Jul-2021		0.00481	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		26-Jul-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	21.6	mg/l
			10-Aug-2021	<150 mg/l	21	mg/l
			13-Sep-2021	<150 mg/l	21.9	mg/l
	Nitrate as NO3		26-Jul-2021		7.67	mg/l
	Nitrite as NO2		26-Jul-2021		0.675	mg/l
	Sulphate		26-Jul-2021		13.5	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		1.94	mg/l
	Dichloromethane	TM208	26-Jul-2021	<0.002 mg/l	<0.003	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH5/02	Mecoprop	TM411	26-Jul-2021	<0.000055 mg/l	<0.00008	mg/l
NACW203	Base of well/borehole/sump	Field	26-Jul-2021		15.9	m
	Electrical conductivity (field)		26-Jul-2021		188	µS/cm
			10-Aug-2021		537	µS/cm
			13-Sep-2021		362	µS/cm
	Groundwater level/dip		26-Jul-2021		0.41	m
			10-Aug-2021		0.45	m
			13-Sep-2021		0.56	m
	Water temperature		26-Jul-2021		17.8	°C
			10-Aug-2021		14.2	°C
			13-Sep-2021		12.6	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		59.8	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		201	µS/cm
			10-Aug-2021		507	µS/cm
			13-Sep-2021		520	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		18.4	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		0.0225	mg/l
	Lead (filtered)		26-Jul-2021		<0.0002	mg/l
	Magnesium (filtered)		26-Jul-2021		8.22	mg/l
	Manganese (filtered)		26-Jul-2021		0.0163	mg/l
	Nickel (filtered)		26-Jul-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		26-Jul-2021		0.838	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW203	Sodium (filtered)	TM152	26-Jul-2021		10.8	mg/l
	Zinc (filtered)		26-Jul-2021		0.00345	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		26-Jul-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	29.1	mg/l
			10-Aug-2021	<150 mg/l	28.1	mg/l
			13-Sep-2021	<150 mg/l	33.4	mg/l
	Nitrate as NO3		26-Jul-2021		<0.3	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		10.2	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		<0.1	mg/l
	Dichloromethane	TM208	26-Jul-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021	<0.000055 mg/l	<0.00008	mg/l
NACW205	Base of well/borehole/sump	Field	26-Jul-2021		19.64	m
	Electrical conductivity (field)		26-Jul-2021		486	µS/cm
			10-Aug-2021		485	µS/cm
			13-Sep-2021		412	µS/cm
	Groundwater level/dip		26-Jul-2021		1.1	m
			10-Aug-2021		0.96	m
			13-Sep-2021		1	m
	Water temperature		26-Jul-2021		17.5	°C
			10-Aug-2021		17.2	°C
			13-Sep-2021		10.3	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		237	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		493	µS/cm

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW205	Electrical conductivity @20°C (lab)	TM120	10-Aug-2021		493	µS/cm
			13-Sep-2021		487	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		99.8	mg/l
	Chromium (filtered)		26-Jul-2021		0.00174	mg/l
	Copper (filtered)		26-Jul-2021		0.000551	mg/l
	Iron (filtered)		26-Jul-2021		0.0358	mg/l
	Lead (filtered)		26-Jul-2021		0.000208	mg/l
	Magnesium (filtered)		26-Jul-2021		9.91	mg/l
	Manganese (filtered)		26-Jul-2021		0.0184	mg/l
	Nickel (filtered)		26-Jul-2021	<0.02 mg/l	0.000728	mg/l
	Potassium (filtered)		26-Jul-2021		1.23	mg/l
	Sodium (filtered)		26-Jul-2021		11.4	mg/l
	Zinc (filtered)		26-Jul-2021		0.00474	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		26-Jul-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	36.3	mg/l
			10-Aug-2021	<150 mg/l	31.2	mg/l
			13-Sep-2021	<150 mg/l	32.4	mg/l
	Nitrate as NO3		26-Jul-2021		8.87	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		12.9	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		2.01	mg/l
	Dichloromethane		26-Jul-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop		26-Jul-2021	<0.000055 mg/l	<0.00004	mg/l
NACW212	Base of well/borehole/sump	Field	26-Jul-2021		8.97	m
	Electrical conductivity (field)		26-Jul-2021		117	µS/cm
			10-Aug-2021		242	µS/cm

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW212	Electrical conductivity (field)	Field	13-Sep-2021		259	µS/cm
	Groundwater level/dip		26-Jul-2021		1.33	m
			10-Aug-2021		1.35	m
			13-Sep-2021		1.39	m
	Water temperature		26-Jul-2021		19.6	°C
			10-Aug-2021		15.8	°C
			13-Sep-2021		15.3	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		104	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		227	µS/cm
			10-Aug-2021		247	µS/cm
			13-Sep-2021		256	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		38	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		0.0016	mg/l
	Iron (filtered)		26-Jul-2021		0.214	mg/l
	Lead (filtered)		26-Jul-2021		0.000573	mg/l
	Magnesium (filtered)		26-Jul-2021		3.71	mg/l
	Manganese (filtered)		26-Jul-2021		0.0441	mg/l
	Nickel (filtered)		26-Jul-2021	<0.037 mg/l	<0.0004	mg/l
	Potassium (filtered)		26-Jul-2021		4.49	mg/l
	Sodium (filtered)		26-Jul-2021		9.76	mg/l
	Zinc (filtered)		26-Jul-2021		0.0188	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
Diethyl phthalate	26-Jul-2021		<0.003 mg/l	<0.001	mg/l	

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW212	Chloride	TM184	26-Jul-2021	<150 mg/l	13.7	mg/l
			10-Aug-2021	<150 mg/l	13.6	mg/l
			13-Sep-2021	<150 mg/l	15.4	mg/l
	Nitrate as NO3		26-Jul-2021		4.85	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		12.8	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		1.09	mg/l
	Dichloromethane	TM208	26-Jul-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021	<0.000055 mg/l	<0.00008	mg/l
NACW213	Base of well/borehole/sump	Field	26-Jul-2021		11.98	m
	Groundwater level/dip		26-Jul-2021		2.41	m
			10-Aug-2021		2.61	m
			13-Sep-2021		2.74	m
NACW219	Base of well/borehole/sump		26-Jul-2021		15.26	m
	Electrical conductivity (field)		26-Jul-2021		108	µS/cm
	Groundwater level/dip		26-Jul-2021		5.34	m
			10-Aug-2021		5.77	m
			13-Sep-2021		5.95	m
	Water temperature		26-Jul-2021		20	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		58.7	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		135	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021		<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		18.6	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		0.0361	mg/l
	Lead (filtered)		26-Jul-2021		0.000208	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW219	Magnesium (filtered)	TM152	26-Jul-2021		3.11	mg/l
	Manganese (filtered)		26-Jul-2021		0.0131	mg/l
	Nickel (filtered)		26-Jul-2021		<0.0004	mg/l
	Potassium (filtered)		26-Jul-2021		0.454	mg/l
	Sodium (filtered)		26-Jul-2021		8.4	mg/l
	Zinc (filtered)		26-Jul-2021		0.002	mg/l
	4-Methylphenol	TM176	26-Jul-2021		<0.001	mg/l
	Diethyl phthalate		26-Jul-2021		<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	11.8	mg/l
	Nitrate as NO3		26-Jul-2021		<0.3	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		5.1	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		<0.1	mg/l
	Dichloromethane	TM208	26-Jul-2021		<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021		<0.00008	mg/l
NACW227	Base of well/borehole/sump	Field	26-Jul-2021		5.25	m
	Groundwater level/dip		26-Jul-2021		DRY	m
			10-Aug-2021		DRY	m
			13-Sep-2021		DRY	m
NACW228	Base of well/borehole/sump		26-Jul-2021		7.66	m
	Electrical conductivity (field)		26-Jul-2021		522	µS/cm
			10-Aug-2021		475	µS/cm
			13-Sep-2021		319	µS/cm
	Groundwater level/dip		26-Jul-2021		5.1	m
			10-Aug-2021		5.65	m
			13-Sep-2021		5.4	m
	Water temperature		26-Jul-2021		18.7	°C
			10-Aug-2021		17.8	°C

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW228	Water temperature	Field	13-Sep-2021		16.2	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		78.5	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		515	µS/cm
			10-Aug-2021		440	µS/cm
			13-Sep-2021		327	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		71.2	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		0.0783	mg/l
	Lead (filtered)		26-Jul-2021		0.00169	mg/l
	Magnesium (filtered)		26-Jul-2021		18.7	mg/l
	Manganese (filtered)		26-Jul-2021		0.0124	mg/l
	Nickel (filtered)		26-Jul-2021	<0.02 mg/l	0.00106	mg/l
	Potassium (filtered)		26-Jul-2021		1.71	mg/l
	Sodium (filtered)		26-Jul-2021		25.4	mg/l
	Zinc (filtered)		26-Jul-2021		0.0113	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		26-Jul-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	64.9	mg/l
			10-Aug-2021	<150 mg/l	31	mg/l
			13-Sep-2021	<150 mg/l	11.8	mg/l
	Nitrate as NO3		26-Jul-2021		3.19	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		132	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW228	Total Oxidised Nitrogen as N	TM184	26-Jul-2021		0.725	mg/l
	Dichloromethane	TM208	26-Jul-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021	<0.000055 mg/l	9.95e-05	mg/l
NACW229	Base of well/borehole/sump	Field	26-Jul-2021		7.8	m
	Electrical conductivity (field)		26-Jul-2021		492	µS/cm
	Groundwater level/dip		26-Jul-2021		1.5	m
			10-Aug-2021		0.9	m
			13-Sep-2021		1.33	m
	Water temperature		26-Jul-2021		20.2	°C
	Total Alkalinity as CaCO3	TM043	26-Jul-2021		86	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		495	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021		<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		67.6	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		0.0951	mg/l
	Lead (filtered)		26-Jul-2021		0.00224	mg/l
	Magnesium (filtered)		26-Jul-2021		18.4	mg/l
	Manganese (filtered)		26-Jul-2021		0.0137	mg/l
	Nickel (filtered)		26-Jul-2021		0.00206	mg/l
	Potassium (filtered)		26-Jul-2021		1.98	mg/l
	Sodium (filtered)		26-Jul-2021		22.9	mg/l
	Zinc (filtered)		26-Jul-2021		0.0158	mg/l
	4-Methylphenol	TM176	26-Jul-2021		<0.001	mg/l
	Diethyl phthalate		26-Jul-2021		<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	58	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW229	Nitrate as NO3	TM184	26-Jul-2021		4.47	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		115	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		1.01	mg/l
	Dichloromethane	TM208	26-Jul-2021		<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021		0.000107	mg/l
NACW230	Base of well/borehole/sump	Field	26-Jul-2021		19	m
	Groundwater level/dip		26-Jul-2021		1.5	m
			10-Aug-2021		2.7	m
			13-Sep-2021		2.83	m
UD1	Total Alkalinity as CaCO3	TM043	26-Jul-2021		240	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		554	µS/cm
			10-Aug-2021		555	µS/cm
			13-Sep-2021		552	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		99.9	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		0.00152	mg/l
	Iron (filtered)		26-Jul-2021		0.0512	mg/l
	Lead (filtered)		26-Jul-2021		0.000509	mg/l
	Magnesium (filtered)		26-Jul-2021		11.7	mg/l
	Manganese (filtered)		26-Jul-2021		0.0354	mg/l
	Nickel (filtered)		26-Jul-2021	<0.02 mg/l	0.000967	mg/l
	Potassium (filtered)		26-Jul-2021		1.65	mg/l
	Sodium (filtered)		26-Jul-2021		13.4	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
UD1	Zinc (filtered)	TM152	26-Jul-2021		0.00885	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		26-Jul-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	46.3	mg/l
			10-Aug-2021	<150 mg/l	45.1	mg/l
			13-Sep-2021	<150 mg/l	44.8	mg/l
	Nitrate as NO3		26-Jul-2021		9.78	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		14	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		2.22	mg/l
	Dichloromethane	TM208	26-Jul-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021	<0.000055 mg/l	<0.00008	mg/l
UD3	Total Alkalinity as CaCO3	TM043	26-Jul-2021		181	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		371	µS/cm
			10-Aug-2021		368	µS/cm
			13-Sep-2021		366	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		64.9	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		<0.019	mg/l
	Lead (filtered)		26-Jul-2021		<0.0002	mg/l
	Magnesium (filtered)		26-Jul-2021		7.8	mg/l
	Manganese (filtered)		26-Jul-2021		0.011	mg/l
	Nickel (filtered)		26-Jul-2021	<0.02 mg/l	<0.0004	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
UD3	Potassium (filtered)	TM152	26-Jul-2021		1.04	mg/l
	Sodium (filtered)		26-Jul-2021		12.3	mg/l
	Zinc (filtered)		26-Jul-2021		0.00219	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		26-Jul-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	18.5	mg/l
			10-Aug-2021	<150 mg/l	16	mg/l
			13-Sep-2021	<150 mg/l	17.1	mg/l
	Nitrate as NO3		26-Jul-2021		6.21	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		12.1	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		1.41	mg/l
	Dichloromethane	TM208	26-Jul-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021	<0.000055 mg/l	<0.00008	mg/l
UD4	Total Alkalinity as CaCO3	TM043	26-Jul-2021		199	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		367	µS/cm
			10-Aug-2021		309	µS/cm
			13-Sep-2021		400	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		75.6	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		0.287	mg/l
	Lead (filtered)		26-Jul-2021		0.000298	mg/l
	Magnesium (filtered)		26-Jul-2021		5.26	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
UD4	Manganese (filtered)	TM152	26-Jul-2021		0.0264	mg/l
	Nickel (filtered)		26-Jul-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		26-Jul-2021		1.01	mg/l
	Sodium (filtered)		26-Jul-2021		9.08	mg/l
	Zinc (filtered)		26-Jul-2021		0.00868	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		26-Jul-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	12	mg/l
			10-Aug-2021	<150 mg/l	10.5	mg/l
			13-Sep-2021	<150 mg/l	19	mg/l
	Nitrate as NO3		26-Jul-2021		4.69	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		10.6	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		1.07	mg/l
	Dichloromethane	TM208	26-Jul-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021	<0.000055 mg/l	<0.00004	mg/l
UD5	Total Alkalinity as CaCO3	TM043	26-Jul-2021		154	mg/l
	Ammoniacal Nitrogen as N	TM099	26-Jul-2021	<5.5 mg/l	<0.2	mg/l
			10-Aug-2021	<5.5 mg/l	<0.2	mg/l
			13-Sep-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	26-Jul-2021		302	µS/cm
			10-Aug-2021		338	µS/cm
			13-Sep-2021		385	µS/cm
	Cadmium (filtered)	TM152	26-Jul-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		26-Jul-2021		57.1	mg/l
	Chromium (filtered)		26-Jul-2021		<0.001	mg/l
	Copper (filtered)		26-Jul-2021		<0.0003	mg/l
	Iron (filtered)		26-Jul-2021		0.0671	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
UD5	Lead (filtered)	TM152	26-Jul-2021		<0.0002	mg/l
	Magnesium (filtered)		26-Jul-2021		4.39	mg/l
	Manganese (filtered)		26-Jul-2021		0.0417	mg/l
	Nickel (filtered)		26-Jul-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		26-Jul-2021		2.58	mg/l
	Sodium (filtered)		26-Jul-2021		6.77	mg/l
	Zinc (filtered)		26-Jul-2021		0.0022	mg/l
	4-Methylphenol	TM176	26-Jul-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		26-Jul-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	26-Jul-2021	<150 mg/l	11.1	mg/l
			10-Aug-2021	<150 mg/l	16.7	mg/l
			13-Sep-2021	<150 mg/l	14.7	mg/l
	Nitrate as NO3		26-Jul-2021		4.73	mg/l
	Nitrite as NO2		26-Jul-2021		<0.05	mg/l
	Sulphate		26-Jul-2021		9.5	mg/l
	Total Oxidised Nitrogen as N		26-Jul-2021		1.07	mg/l
	Dichloromethane	TM208	26-Jul-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	26-Jul-2021	<0.000055 mg/l	<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 below ground level.
If the base and water level are equal (i.e. depth to base of well = depth to water level = the same), the location is classed as dry and no sample could be taken.
- (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)