

Operator: CWM Environmental Ltd
Permit: CP3735PB

Installation: Nantycaws Landfill Site
Form: Groundwaters Q2 2021

Reporting of groundwater 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⁾
BH208	Base of well/borehole/sump	Field	19-Apr-2021		9.27	m
	Electrical conductivity (field)		20-Apr-2021		113	µS/cm
			18-May-2021		386	µS/cm
			14-Jun-2021		365	µS/cm
	Groundwater level/dip		19-Apr-2021		0.23	m
			18-May-2021		0.34	m
			14-Jun-2021		0.32	m
	Water temperature		20-Apr-2021		11.5	°C
			18-May-2021		17.5	°C
			14-Jun-2021		17.2	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		20.7	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
			18-May-2021	<5.5 mg/l	<0.2	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		97.1	µS/cm
			18-May-2021		433	µS/cm
			14-Jun-2021		454	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		8.01	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		<0.0003	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH208	Iron (filtered)	TM152	20-Apr-2021		0.0257	mg/l
	Lead (filtered)		20-Apr-2021		<0.0002	mg/l
	Magnesium (filtered)		20-Apr-2021		1.41	mg/l
	Manganese (filtered)		20-Apr-2021		0.00491	mg/l
	Nickel (filtered)		20-Apr-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		20-Apr-2021		1.5	mg/l
	Sodium (filtered)		20-Apr-2021		8.14	mg/l
	Zinc (filtered)		20-Apr-2021		0.00448	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	17.5	mg/l
			18-May-2021	<150 mg/l	16.9	mg/l
			14-Jun-2021	<150 mg/l	16.5	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		<2	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
BH3/2	Base of well/borehole/sump	Field	19-Apr-2021		9.73	m
	Electrical conductivity (field)		20-Apr-2021		128	µS/cm
	Groundwater level/dip		19-Apr-2021		2.95	m
			18-May-2021		1.49	m
			14-Jun-2021		2.4	m
	Water temperature		20-Apr-2021		11.5	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		6	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		136	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	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		3.17	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		0.000973	mg/l
	Iron (filtered)		20-Apr-2021		0.0562	mg/l
	Lead (filtered)		20-Apr-2021		0.000487	mg/l
	Magnesium (filtered)		20-Apr-2021		1.74	mg/l
	Manganese (filtered)		20-Apr-2021		0.00667	mg/l
	Nickel (filtered)		20-Apr-2021		0.000554	mg/l
	Potassium (filtered)		20-Apr-2021		1.34	mg/l
	Sodium (filtered)		20-Apr-2021		17.8	mg/l
	Zinc (filtered)		20-Apr-2021		0.0028	mg/l
	4-Methylphenol	TM176	20-Apr-2021		<0.001	mg/l
	Diethyl phthalate		20-Apr-2021		<0.001	mg/l
	Chloride		20-Apr-2021	<150 mg/l	35.2	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		4.1	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
BH3/3	Base of well/borehole/sump	Field	19-Apr-2021		11.7	m
	Electrical conductivity (field)		20-Apr-2021		138	µS/cm
	Groundwater level/dip		19-Apr-2021		0.48	m
			18-May-2021		ART	m
			14-Jun-2021		ART	m
	Water temperature		20-Apr-2021		12.8	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		58.3	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	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		133	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		13.1	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		0.000618	mg/l
	Iron (filtered)		20-Apr-2021		0.0963	mg/l
	Lead (filtered)		20-Apr-2021		0.000217	mg/l
	Magnesium (filtered)		20-Apr-2021		4.04	mg/l
	Manganese (filtered)		20-Apr-2021		<0.003	mg/l
	Nickel (filtered)		20-Apr-2021		<0.0004	mg/l
	Potassium (filtered)		20-Apr-2021		0.889	mg/l
	Sodium (filtered)		20-Apr-2021		8.24	mg/l
	Zinc (filtered)		20-Apr-2021		0.00173	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	<150 mg/l	11.3	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		<2	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
BH3/4	Base of well/borehole/sump	Field	19-Apr-2021		10.28	m
	Electrical conductivity (field)		20-Apr-2021		131	µS/cm
			18-May-2021		231	µS/cm
			14-Jun-2021		247	µS/cm
	Groundwater level/dip		19-Apr-2021		1.4	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	18-May-2021		1.3	m
			14-Jun-2021		1.12	m
	Water temperature		20-Apr-2021		12.7	°C
			18-May-2021		13.6	°C
			14-Jun-2021		15.6	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		68.8	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
			18-May-2021	<5.5 mg/l	0.212	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		157	µS/cm
			18-May-2021		297	µS/cm
			14-Jun-2021		259	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		22.2	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		0.00208	mg/l
	Iron (filtered)		20-Apr-2021		0.0195	mg/l
	Lead (filtered)		20-Apr-2021		<0.0002	mg/l
	Magnesium (filtered)		20-Apr-2021		2.41	mg/l
	Manganese (filtered)		20-Apr-2021		0.00928	mg/l
	Nickel (filtered)		20-Apr-2021	<0.02 mg/l	0.000413	mg/l
	Potassium (filtered)		20-Apr-2021		1.06	mg/l
	Sodium (filtered)		20-Apr-2021		5.31	mg/l
	Zinc (filtered)		20-Apr-2021		0.00142	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	9.6	mg/l
			18-May-2021	<150 mg/l	8.6	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/4	Chloride	TM184	14-Jun-2021	<150 mg/l	9	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		<2	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
BH3/5	Base of well/borehole/sump	Field	19-Apr-2021		6.48	m
	Electrical conductivity (field)		20-Apr-2021		233	µS/cm
	Groundwater level/dip		19-Apr-2021		3.05	m
			18-May-2021		2.93	m
			14-Jun-2021		2.87	m
	Water temperature		20-Apr-2021		11.3	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		64.2	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		247	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		31.9	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		0.00395	mg/l
	Iron (filtered)		20-Apr-2021		0.0217	mg/l
	Lead (filtered)		20-Apr-2021		0.000224	mg/l
	Magnesium (filtered)		20-Apr-2021		6.52	mg/l
	Manganese (filtered)		20-Apr-2021		0.0151	mg/l
	Nickel (filtered)		20-Apr-2021		0.000656	mg/l
	Potassium (filtered)		20-Apr-2021		0.863	mg/l
	Sodium (filtered)		20-Apr-2021		8.53	mg/l
	Zinc (filtered)		20-Apr-2021		0.00255	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	20-Apr-2021		<0.001	mg/l
	Diethyl phthalate		20-Apr-2021		<0.001	mg/l
	Chloride	TM184	20-Apr-2021	<150 mg/l	40.6	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		4.4	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
BH3/6	Base of well/borehole/sump	Field	19-Apr-2021		10.09	m
	Electrical conductivity (field)		20-Apr-2021		330	µS/cm
	Groundwater level/dip		19-Apr-2021		4.18	m
			18-May-2021		3.66	m
			14-Jun-2021		2.16	m
	Water temperature		20-Apr-2021		12.3	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		141	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		364	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		64.2	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		0.00873	mg/l
	Iron (filtered)		20-Apr-2021		0.453	mg/l
	Lead (filtered)		20-Apr-2021		0.000544	mg/l
	Magnesium (filtered)		20-Apr-2021		6.07	mg/l
	Manganese (filtered)		20-Apr-2021		0.0183	mg/l
	Nickel (filtered)		20-Apr-2021		0.00142	mg/l
	Potassium (filtered)		20-Apr-2021		4.38	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
BH3/6	Sodium (filtered)	TM152	20-Apr-2021		7.28	mg/l
	Zinc (filtered)		20-Apr-2021		0.00551	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	<150 mg/l	15.9	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		48.6	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
BH3/8	Base of well/borehole/sump	Field	19-Apr-2021		10.55	m
	Electrical conductivity (field)		20-Apr-2021		114	µS/cm
	Groundwater level/dip		19-Apr-2021		1.44	m
			18-May-2021		0.85	m
			14-Jun-2021		0.82	m
	Water temperature		20-Apr-2021		12.1	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		51.5	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		118	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		15.9	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		<0.0003	mg/l
	Iron (filtered)		20-Apr-2021		0.0462	mg/l
	Lead (filtered)		20-Apr-2021		<0.0002	mg/l
	Magnesium (filtered)		20-Apr-2021		1.01	mg/l

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BH3/8	Manganese (filtered)	TM152	20-Apr-2021		<0.003	mg/l
	Nickel (filtered)		20-Apr-2021		<0.0004	mg/l
	Potassium (filtered)		20-Apr-2021		<0.2	mg/l
	Sodium (filtered)		20-Apr-2021		7.59	mg/l
	Zinc (filtered)		20-Apr-2021		0.00129	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	<150 mg/l	13.8	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		<2	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
BH3/9	Base of well/borehole/sump	Field	19-Apr-2021		10.45	m
	Electrical conductivity (field)		20-Apr-2021		185	µS/cm
	Groundwater level/dip		19-Apr-2021		3.5	m
			18-May-2021		2.67	m
			14-Jun-2021		2.84	m
	Water temperature		20-Apr-2021		12.5	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		97.9	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		198	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		29.1	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		<0.0003	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	20-Apr-2021		0.0535	mg/l
	Lead (filtered)		20-Apr-2021		<0.0002	mg/l
	Magnesium (filtered)		20-Apr-2021		4.11	mg/l
	Manganese (filtered)		20-Apr-2021		<0.003	mg/l
	Nickel (filtered)		20-Apr-2021		<0.0004	mg/l
	Potassium (filtered)		20-Apr-2021		0.433	mg/l
	Sodium (filtered)		20-Apr-2021		7.16	mg/l
	Zinc (filtered)		20-Apr-2021		0.00106	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	<150 mg/l	10.1	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		6	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
BH5/02	Base of well/borehole/sump	Field	19-Apr-2021		16.42	m
	Electrical conductivity (field)		20-Apr-2021		417	µS/cm
			18-May-2021		448	µS/cm
	Groundwater level/dip		14-Jun-2021		433	µS/cm
			19-Apr-2021		1.87	m
			18-May-2021		1.92	m
	Water temperature		14-Jun-2021		1.89	m
			20-Apr-2021		11	°C
			18-May-2021		16.7	°C
			14-Jun-2021		16.9	°C
		Total Alkalinity as CaCO3	TM043	20-Apr-2021		212

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	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
			18-May-2021	<5.5 mg/l	<0.2	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		456	µS/cm
			18-May-2021		472	µS/cm
			14-Jun-2021		466	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		57.3	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		0.00385	mg/l
	Iron (filtered)		20-Apr-2021		0.209	mg/l
	Lead (filtered)		20-Apr-2021		0.00147	mg/l
	Magnesium (filtered)		20-Apr-2021		6.86	mg/l
	Manganese (filtered)		20-Apr-2021		0.0497	mg/l
	Nickel (filtered)		20-Apr-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		20-Apr-2021		1.4	mg/l
	Sodium (filtered)		20-Apr-2021		10	mg/l
	Zinc (filtered)		20-Apr-2021		0.00584	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	21.9	mg/l
			18-May-2021	<150 mg/l	21.7	mg/l
			14-Jun-2021	<150 mg/l	22.1	mg/l
	Nitrate as NO3		20-Apr-2021		9.57	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		12.4	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		2.17	mg/l
	Dichloromethane	TM208	20-Apr-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	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
NACW203	Base of well/borehole/sump	Field	19-Apr-2021		15.93	m
	Electrical conductivity (field)		20-Apr-2021		212	µS/cm
			18-May-2021		492	µS/cm
			14-Jun-2021		419	µS/cm
	Groundwater level/dip		19-Apr-2021		0.43	m
			18-May-2021		0.4	m
			14-Jun-2021		0.46	m
	Water temperature		20-Apr-2021		10.6	°C
			18-May-2021		18	°C
			14-Jun-2021		15.3	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		61.5	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
			18-May-2021	<5.5 mg/l	<0.2	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		233	µS/cm
			18-May-2021		503	µS/cm
			14-Jun-2021		423	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		21.3	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		<0.0003	mg/l
	Iron (filtered)		20-Apr-2021		0.0214	mg/l
	Lead (filtered)		20-Apr-2021		<0.0002	mg/l
	Magnesium (filtered)		20-Apr-2021		7.88	mg/l
	Manganese (filtered)		20-Apr-2021		0.0153	mg/l
	Nickel (filtered)		20-Apr-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		20-Apr-2021		0.875	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW203	Sodium (filtered)	TM152	20-Apr-2021		12.2	mg/l
	Zinc (filtered)		20-Apr-2021		0.00251	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	31.3	mg/l
			18-May-2021	<150 mg/l	32.9	mg/l
			14-Jun-2021	<150 mg/l	25.3	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		14.4	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
NACW205	Base of well/borehole/sump	Field	19-Apr-2021		19.63	m
	Electrical conductivity (field)		20-Apr-2021		461	µS/cm
			18-May-2021		458	µS/cm
			14-Jun-2021		486	µS/cm
	Groundwater level/dip		19-Apr-2021		0.87	m
			18-May-2021		0.53	m
			14-Jun-2021		0.52	m
	Water temperature		20-Apr-2021		11.2	°C
			18-May-2021		18.4	°C
			14-Jun-2021		14	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		237	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
			18-May-2021	<5.5 mg/l	<0.2	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		515	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	18-May-2021		549	µS/cm
			14-Jun-2021		518	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		93	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		0.00332	mg/l
	Iron (filtered)		20-Apr-2021		0.0405	mg/l
	Lead (filtered)		20-Apr-2021		0.000601	mg/l
	Magnesium (filtered)		20-Apr-2021		9.14	mg/l
	Manganese (filtered)		20-Apr-2021		0.0213	mg/l
	Nickel (filtered)		20-Apr-2021	<0.02 mg/l	0.000478	mg/l
	Potassium (filtered)		20-Apr-2021		1.19	mg/l
	Sodium (filtered)		20-Apr-2021		11.2	mg/l
	Zinc (filtered)		20-Apr-2021		0.0109	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	35.6	mg/l
			18-May-2021	<150 mg/l	35.6	mg/l
			14-Jun-2021	<150 mg/l	36	mg/l
	Nitrate as NO3		20-Apr-2021		8.26	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		11.9	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		1.87	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
NACW212	Base of well/borehole/sump	Field	19-Apr-2021		9.06	m
	Electrical conductivity (field)		20-Apr-2021		202	µS/cm
			18-May-2021		362	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	14-Jun-2021		245	µS/cm
	Groundwater level/dip		19-Apr-2021		1.32	m
			18-May-2021		1.15	m
			14-Jun-2021		1.13	m
			20-Apr-2021		9.5	°C
	Water temperature		18-May-2021		15.4	°C
			14-Jun-2021		17.3	°C
		Total Alkalinity as CaCO3	TM043	20-Apr-2021		78.9
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		205	µS/cm
			14-Jun-2021		231	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		28.1	mg/l
	Chromium (filtered)		20-Apr-2021		0.00148	mg/l
	Copper (filtered)		20-Apr-2021		0.0132	mg/l
	Iron (filtered)		20-Apr-2021		0.533	mg/l
	Lead (filtered)		20-Apr-2021		0.00119	mg/l
	Magnesium (filtered)		20-Apr-2021		2.71	mg/l
	Manganese (filtered)		20-Apr-2021		0.0314	mg/l
	Nickel (filtered)		20-Apr-2021	<0.037 mg/l	0.0175	mg/l
	Potassium (filtered)		20-Apr-2021		3.28	mg/l
	Sodium (filtered)		20-Apr-2021		8.52	mg/l
	Zinc (filtered)		20-Apr-2021		0.0244	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	15.8	mg/l
			14-Jun-2021	<150 mg/l	16.3	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW212	Nitrate as NO3	TM184	20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		9.7	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
NACW213	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
	Base of well/borehole/sump	Field	19-Apr-2021		10.95	m
	Groundwater level/dip		19-Apr-2021		2.03	m
			18-May-2021		1.59	m
			14-Jun-2021		2.06	m
NACW219	Base of well/borehole/sump		19-Apr-2021		15.19	m
	Electrical conductivity (field)		20-Apr-2021		112	µS/cm
	Groundwater level/dip		19-Apr-2021		5.03	m
			18-May-2021		4.93	m
			14-Jun-2021		9.97	m
	Water temperature		20-Apr-2021		12.4	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		43.4	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		113	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		13.9	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		0.00088	mg/l
	Iron (filtered)		20-Apr-2021		0.0253	mg/l
	Lead (filtered)		20-Apr-2021		0.000259	mg/l
	Magnesium (filtered)		20-Apr-2021		1.29	mg/l
	Manganese (filtered)		20-Apr-2021		0.00421	mg/l
	Nickel (filtered)		20-Apr-2021		<0.0004	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW219	Potassium (filtered)	TM152	20-Apr-2021		0.345	mg/l
	Sodium (filtered)		20-Apr-2021		6.76	mg/l
	Zinc (filtered)		20-Apr-2021		0.0023	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	<150 mg/l	13.9	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		2.7	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l
	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
NACW227	Base of well/borehole/sump	Field	19-Apr-2021		5.13	m
	Groundwater level/dip		19-Apr-2021		DRY	m
			18-May-2021		DRY	m
NACW228			14-Jun-2021		DRY	m
	Base of well/borehole/sump		19-Apr-2021		7.66	m
	Electrical conductivity (field)		20-Apr-2021		430	µS/cm
			18-May-2021		165	µS/cm
			14-Jun-2021		194	µS/cm
	Groundwater level/dip		19-Apr-2021		4.34	m
			18-May-2021		4.56	m
			14-Jun-2021		4.36	m
	Water temperature		20-Apr-2021		9.7	°C
			18-May-2021		15.6	°C
			14-Jun-2021		15.1	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		65.6	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW228	Ammoniacal Nitrogen as N	TM099	18-May-2021	<5.5 mg/l	<0.2	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		478	µS/cm
			18-May-2021		479	µS/cm
			14-Jun-2021		200	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
	Copper (filtered)		20-Apr-2021		<0.0003	mg/l
	Iron (filtered)		20-Apr-2021		<0.019	mg/l
	Lead (filtered)		20-Apr-2021		<0.0002	mg/l
	Magnesium (filtered)		20-Apr-2021		11.7	mg/l
	Manganese (filtered)		20-Apr-2021		0.00534	mg/l
	Nickel (filtered)		20-Apr-2021	<0.02 mg/l	0.000583	mg/l
	Potassium (filtered)		20-Apr-2021		0.63	mg/l
	Sodium (filtered)		20-Apr-2021		24	mg/l
	Zinc (filtered)		20-Apr-2021		0.00156	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	24.7	mg/l
			18-May-2021	<150 mg/l	24.1	mg/l
			14-Jun-2021	<150 mg/l	10.1	mg/l
	Nitrate as NO3		20-Apr-2021		0.458	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		156	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		0.107	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00008	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW229	Base of well/borehole/sump	Field	19-Apr-2021		7.8	m
	Electrical conductivity (field)		20-Apr-2021		458	µS/cm
	Groundwater level/dip		19-Apr-2021		0.92	m
			18-May-2021		0.65	m
			14-Jun-2021		0.7	m
	Water temperature		20-Apr-2021		10.3	°C
	Total Alkalinity as CaCO3	TM043	20-Apr-2021		192	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		510	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021		<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		79.4	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		0.000846	mg/l
	Iron (filtered)		20-Apr-2021		0.0506	mg/l
	Lead (filtered)		20-Apr-2021		<0.0002	mg/l
	Magnesium (filtered)		20-Apr-2021		6.95	mg/l
	Manganese (filtered)		20-Apr-2021		0.0124	mg/l
	Nickel (filtered)		20-Apr-2021		0.00136	mg/l
	Potassium (filtered)		20-Apr-2021		12.2	mg/l
	Sodium (filtered)		20-Apr-2021		14.4	mg/l
	Zinc (filtered)		20-Apr-2021		0.00346	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	<150 mg/l	21.7	mg/l
	Nitrate as NO3		20-Apr-2021		<0.3	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		73.5	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		<0.1	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW229	Dichloromethane	TM208	20-Apr-2021		<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021		<0.00004	mg/l
NACW230	Base of well/borehole/sump	Field	19-Apr-2021		19	m
	Groundwater level/dip		19-Apr-2021		0.92	m
			18-May-2021		1.07	m
			14-Jun-2021		0.23	m
UD1	Total Alkalinity as CaCO3	TM043	20-Apr-2021		243	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
			18-May-2021	<5.5 mg/l	<0.2	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		554	µS/cm
			18-May-2021		547	µS/cm
			14-Jun-2021		548	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		92	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		<0.0003	mg/l
	Iron (filtered)		20-Apr-2021		0.0254	mg/l
	Lead (filtered)		20-Apr-2021		0.000381	mg/l
	Magnesium (filtered)		20-Apr-2021		10.6	mg/l
	Manganese (filtered)		20-Apr-2021		0.0304	mg/l
	Nickel (filtered)		20-Apr-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		20-Apr-2021		1.3	mg/l
	Sodium (filtered)		20-Apr-2021		12.2	mg/l
	Zinc (filtered)		20-Apr-2021		0.00563	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	44.6	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
UD1	Chloride	TM184	18-May-2021	<150 mg/l	45.8	mg/l
			14-Jun-2021	<150 mg/l	46	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		13.1	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		1.9	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
UD3	Total Alkalinity as CaCO3	TM043	20-Apr-2021		183	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
			18-May-2021	<5.5 mg/l	<0.2	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		388	µS/cm
			18-May-2021		386	µS/cm
			14-Jun-2021		383	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		61.8	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		<0.0003	mg/l
	Iron (filtered)		20-Apr-2021		<0.019	mg/l
	Lead (filtered)		20-Apr-2021		<0.0002	mg/l
	Magnesium (filtered)		20-Apr-2021		7.08	mg/l
	Manganese (filtered)		20-Apr-2021		0.0238	mg/l
	Nickel (filtered)		20-Apr-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		20-Apr-2021		0.896	mg/l
	Sodium (filtered)		20-Apr-2021		11.4	mg/l
	Zinc (filtered)		20-Apr-2021		0.00347	mg/l
	4-Methylphenol	TM176	20-Apr-2021	<0.001 mg/l	<0.001	mg/l

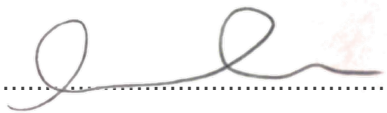
Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
UD3	Diethyl phthalate	TM176	20-Apr-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	20-Apr-2021	<150 mg/l	16.8	mg/l
			18-May-2021	<150 mg/l	16.3	mg/l
			14-Jun-2021	<150 mg/l	16.7	mg/l
	Nitrate as NO3		20-Apr-2021		5.48	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		11.4	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		1.24	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
UD4	Total Alkalinity as CaCO3	TM043	20-Apr-2021		210	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
			18-May-2021	<5.5 mg/l	0.72	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		374	µS/cm
			18-May-2021		488	µS/cm
			14-Jun-2021		395	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		73	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		<0.0003	mg/l
	Iron (filtered)		20-Apr-2021		0.487	mg/l
	Lead (filtered)		20-Apr-2021		0.00395	mg/l
	Magnesium (filtered)		20-Apr-2021		5.12	mg/l
	Manganese (filtered)		20-Apr-2021		0.0682	mg/l
	Nickel (filtered)		20-Apr-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		20-Apr-2021		1.09	mg/l
	Sodium (filtered)		20-Apr-2021		8.42	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
UD4	Zinc (filtered)	TM152	20-Apr-2021		0.00817	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	12.2	mg/l
			18-May-2021	<150 mg/l	15	mg/l
			14-Jun-2021	<150 mg/l	12.6	mg/l
	Nitrate as NO3		20-Apr-2021		4.02	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		10.9	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		0.918	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	20-Apr-2021	<0.000055 mg/l	<0.00004	mg/l
UD5	Total Alkalinity as CaCO3	TM043	20-Apr-2021		150	mg/l
	Ammoniacal Nitrogen as N	TM099	20-Apr-2021	<5.5 mg/l	<0.2	mg/l
			18-May-2021	<5.5 mg/l	<0.2	mg/l
			14-Jun-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	20-Apr-2021		307	µS/cm
			18-May-2021		414	µS/cm
			14-Jun-2021		314	µS/cm
	Cadmium (filtered)	TM152	20-Apr-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		20-Apr-2021		53.2	mg/l
	Chromium (filtered)		20-Apr-2021		<0.001	mg/l
	Copper (filtered)		20-Apr-2021		<0.0003	mg/l
	Iron (filtered)		20-Apr-2021		0.688	mg/l
	Lead (filtered)		20-Apr-2021		0.00258	mg/l
	Magnesium (filtered)		20-Apr-2021		3.8	mg/l
	Manganese (filtered)		20-Apr-2021		0.276	mg/l
	Nickel (filtered)		20-Apr-2021	<0.02 mg/l	0.000509	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
UD5	Potassium (filtered)	TM152	20-Apr-2021		2.92	mg/l
	Sodium (filtered)		20-Apr-2021		5.49	mg/l
	Zinc (filtered)		20-Apr-2021		0.00617	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		20-Apr-2021	<150 mg/l	11.6	mg/l
			18-May-2021	<150 mg/l	19.4	mg/l
			14-Jun-2021	<150 mg/l	11.5	mg/l
	Nitrate as NO3		20-Apr-2021		3.46	mg/l
	Nitrite as NO2		20-Apr-2021		<0.05	mg/l
	Sulphate		20-Apr-2021		8.3	mg/l
	Total Oxidised Nitrogen as N		20-Apr-2021		0.787	mg/l
	Dichloromethane	TM208	20-Apr-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	20-Apr-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: 23 June 2021

(Authorised to sign as representative of
Operator)