

Operator: CWM Environmental Ltd
Permit: CP3735PB

Installation: Nantycaws Landfill Site
Form: Groundwaters Q1 2021

Reporting of groundwater monitoring for the period 01-Jan-2021 to 31-Mar-2021

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH208	Base of well/borehole/sump	Field	04-Jan-2021		9.26	m
	Electrical conductivity (field)		05-Jan-2021		117	µS/cm
			09-Feb-2021		412	µS/cm
	Groundwater level/dip		04-Jan-2021		0.21	m
			08-Feb-2021		0.31	m
			08-Mar-2021		0.31	m
	Water temperature		05-Jan-2021		3.9	°C
			09-Feb-2021		8.2	°C
	Total Alkalinity as CaCO ₃	TM043	06-Jan-2021		34	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
			10-Feb-2021	<5.5 mg/l	<0.2	mg/l
			10-Mar-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		111	µS/cm
			10-Feb-2021		443	µS/cm
			10-Mar-2021		434	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		13.3	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.000387	mg/l
	Iron (filtered)		06-Jan-2021		<0.019	mg/l
	Lead (filtered)		06-Jan-2021		0.000211	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH208	Magnesium (filtered)	TM152	06-Jan-2021		1.68	mg/l
	Manganese (filtered)		06-Jan-2021		0.00897	mg/l
	Nickel (filtered)		06-Jan-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		06-Jan-2021		2.24	mg/l
	Sodium (filtered)		06-Jan-2021		7.15	mg/l
	Zinc (filtered)	TM176	06-Jan-2021		0.00441	mg/l
	4-Methylphenol		06-Jan-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		06-Jan-2021	<0.003 mg/l	<0.001	mg/l
	Chloride		06-Jan-2021	<150 mg/l	14.5	mg/l
			10-Feb-2021	<150 mg/l	16.5	mg/l
			10-Mar-2021	<150 mg/l	16.4	mg/l
	Nitrate as NO3	TM184	06-Jan-2021		1.43	mg/l
	Nitrite as NO2		06-Jan-2021		0.066	mg/l
	Sulphate		06-Jan-2021		<2	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		0.343	mg/l
	Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021	<0.000055 mg/l	<0.00008	mg/l
BH3/2	Base of well/borehole/sump	Field	04-Jan-2021		9.75	m
	Electrical conductivity (field)		05-Jan-2021		181	µS/cm
	Groundwater level/dip		04-Jan-2021		1.98	m
			08-Feb-2021		1.14	m
			08-Mar-2021		2.49	m
	Water temperature	TM043	05-Jan-2021		4.6	°C
	Total Alkalinity as CaCO3		06-Jan-2021		85	mg/l
	Ammoniacal Nitrogen as N		06-Jan-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)		06-Jan-2021		188	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021		<0.00008	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/2	Calcium (filtered)	TM152	06-Jan-2021		32.3	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00676	mg/l
	Iron (filtered)		06-Jan-2021		0.347	mg/l
	Lead (filtered)		06-Jan-2021		0.00389	mg/l
	Magnesium (filtered)		06-Jan-2021		3.07	mg/l
	Manganese (filtered)		06-Jan-2021		0.0956	mg/l
	Nickel (filtered)		06-Jan-2021		0.00926	mg/l
	Potassium (filtered)		06-Jan-2021		0.559	mg/l
	Sodium (filtered)		06-Jan-2021		7.78	mg/l
	Zinc (filtered)		06-Jan-2021		0.0372	mg/l
	4-Methylphenol	TM176	06-Jan-2021		<0.001	mg/l
	Diethyl phthalate		06-Jan-2021		<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	12.7	mg/l
	Nitrate as NO3		06-Jan-2021		<0.3	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		3.9	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		<0.1	mg/l
	Dichloromethane	TM208	06-Jan-2021		<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021		<0.00008	mg/l
BH3/3	Base of well/borehole/sump	Field	04-Jan-2021		11.71	m
	Electrical conductivity (field)		05-Jan-2021		207	µS/cm
	Groundwater level/dip		04-Jan-2021		ART	m
			08-Feb-2021		ART	m
			08-Mar-2021		ART	m
	Water temperature		05-Jan-2021		7.2	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		95	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-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⁾
BH3/3	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		192	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021		<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		31.7	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00306	mg/l
	Iron (filtered)		06-Jan-2021		0.193	mg/l
	Lead (filtered)		06-Jan-2021		0.00118	mg/l
	Magnesium (filtered)		06-Jan-2021		4.31	mg/l
	Manganese (filtered)		06-Jan-2021		0.0234	mg/l
	Nickel (filtered)		06-Jan-2021		0.0014	mg/l
	Potassium (filtered)		06-Jan-2021		0.622	mg/l
	Sodium (filtered)		06-Jan-2021		7.46	mg/l
	Zinc (filtered)		06-Jan-2021		0.0105	mg/l
	4-Methylphenol	TM176	06-Jan-2021		<0.001	mg/l
	Diethyl phthalate		06-Jan-2021		<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	12.6	mg/l
	Nitrate as NO3		06-Jan-2021		<0.3	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		5.2	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		<0.1	mg/l
	Dichloromethane	TM208	06-Jan-2021		<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021		<0.00008	mg/l
BH3/4	Base of well/borehole/sump	Field	04-Jan-2021		10.25	m
	Electrical conductivity (field)		05-Jan-2021		155	µS/cm
			09-Feb-2021		153	µS/cm
			09-Mar-2021		240	µS/cm
	Groundwater level/dip		04-Jan-2021		1.19	m
			08-Feb-2021		1.15	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	08-Mar-2021		1.2	m
	Water temperature		05-Jan-2021		6.6	°C
			09-Feb-2021		1.1	°C
			09-Mar-2021		9.2	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		80	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
			10-Feb-2021	<5.5 mg/l	<0.2	mg/l
			10-Mar-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		161	µS/cm
			10-Feb-2021		174	µS/cm
			10-Mar-2021		245	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		27.1	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00139	mg/l
	Iron (filtered)		06-Jan-2021		0.0229	mg/l
	Lead (filtered)		06-Jan-2021		0.000499	mg/l
	Magnesium (filtered)		06-Jan-2021		2.58	mg/l
	Manganese (filtered)		06-Jan-2021		0.0131	mg/l
	Nickel (filtered)		06-Jan-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		06-Jan-2021		1.34	mg/l
	Sodium (filtered)		06-Jan-2021		5.25	mg/l
	Zinc (filtered)		06-Jan-2021		0.00493	mg/l
	4-Methylphenol	TM176	06-Jan-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		06-Jan-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	9.6	mg/l
			10-Feb-2021	<150 mg/l	9.5	mg/l
			10-Mar-2021	<150 mg/l	9.1	mg/l

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BH3/4	Nitrate as NO3	TM184	06-Jan-2021		<0.3	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		<2	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		<0.1	mg/l
	Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021	<0.000055 mg/l	<0.00004	mg/l
BH3/5	Base of well/borehole/sump	Field	04-Jan-2021		6.47	m
	Electrical conductivity (field)		05-Jan-2021		148	µS/cm
	Groundwater level/dip		04-Jan-2021		ART	m
			08-Feb-2021		2.44	m
			08-Mar-2021		2.57	m
	Water temperature		05-Jan-2021		1.4	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		60	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		153	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021		<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		26.8	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00323	mg/l
	Iron (filtered)		06-Jan-2021		0.0986	mg/l
	Lead (filtered)		06-Jan-2021		0.00104	mg/l
	Magnesium (filtered)		06-Jan-2021		1.18	mg/l
	Manganese (filtered)		06-Jan-2021		0.107	mg/l
	Nickel (filtered)		06-Jan-2021		0.00125	mg/l
	Potassium (filtered)		06-Jan-2021		2.77	mg/l
	Sodium (filtered)		06-Jan-2021		5.36	mg/l
	Zinc (filtered)		06-Jan-2021		0.00431	mg/l
	4-Methylphenol	TM176	06-Jan-2021		<0.001	mg/l

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BH3/5	Diethyl phthalate	TM176	06-Jan-2021		<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	11	mg/l
	Nitrate as NO3		06-Jan-2021		<0.3	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		11.7	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		<0.1	mg/l
	Dichloromethane	TM208	06-Jan-2021		<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021		<0.00008	mg/l
	Base of well/borehole/sump	Field	04-Jan-2021		10.1	m
BH3/6	Electrical conductivity (field)		05-Jan-2021		102	µS/cm
	Groundwater level/dip		04-Jan-2021		2.95	m
			08-Feb-2021		2.72	m
			08-Mar-2021		3.76	m
	Water temperature		05-Jan-2021		1.6	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		5.5	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		64.2	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021		<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		2.04	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.000465	mg/l
	Iron (filtered)		06-Jan-2021		0.0336	mg/l
	Lead (filtered)		06-Jan-2021		0.000222	mg/l
	Magnesium (filtered)		06-Jan-2021		1.09	mg/l
	Manganese (filtered)		06-Jan-2021		0.0861	mg/l
	Nickel (filtered)		06-Jan-2021		<0.0004	mg/l
	Potassium (filtered)		06-Jan-2021		2.87	mg/l
	Sodium (filtered)		06-Jan-2021		7.85	mg/l

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BH3/6	Zinc (filtered)	TM152	06-Jan-2021		0.00948	mg/l
	4-Methylphenol	TM176	06-Jan-2021		<0.001	mg/l
	Diethyl phthalate		06-Jan-2021		<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	16.9	mg/l
	Nitrate as NO3		06-Jan-2021		<0.3	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		<2	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		<0.1	mg/l
	Dichloromethane	TM208	06-Jan-2021		<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021		<0.00008	mg/l
BH3/8	Base of well/borehole/sump	Field	04-Jan-2021		10.54	m
	Electrical conductivity (field)		05-Jan-2021		215	µS/cm
	Groundwater level/dip		04-Jan-2021		0.83	m
			08-Feb-2021		0.79	m
			08-Mar-2021		0.7	m
	Water temperature		05-Jan-2021		1.9	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		13	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		309	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021		<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		42.2	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00152	mg/l
	Iron (filtered)		06-Jan-2021		0.0949	mg/l
	Lead (filtered)		06-Jan-2021		0.000795	mg/l
	Magnesium (filtered)		06-Jan-2021		4.22	mg/l
	Manganese (filtered)		06-Jan-2021		0.00663	mg/l

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BH3/8	Nickel (filtered)	TM152	06-Jan-2021		0.00101	mg/l
	Potassium (filtered)		06-Jan-2021		5.18	mg/l
	Sodium (filtered)		06-Jan-2021		16.8	mg/l
	Zinc (filtered)		06-Jan-2021		0.00514	mg/l
	4-Methylphenol	TM176	06-Jan-2021		<0.001	mg/l
	Diethyl phthalate		06-Jan-2021		<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	21.1	mg/l
	Nitrate as NO3		06-Jan-2021		4.4	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		103	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		1	mg/l
	Dichloromethane	TM208	06-Jan-2021		<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021		<0.00004	mg/l
BH3/9	Base of well/borehole/sump	Field	04-Jan-2021		10.46	m
	Electrical conductivity (field)		05-Jan-2021		145	µS/cm
	Groundwater level/dip		04-Jan-2021		2.25	m
			08-Feb-2021		2.09	m
			08-Mar-2021		2.61	m
	Water temperature		05-Jan-2021		5.5	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		65	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		147	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021		<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		24.2	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00104	mg/l
	Iron (filtered)		06-Jan-2021		0.165	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/9	Lead (filtered)	TM152	06-Jan-2021		0.000462	mg/l
	Magnesium (filtered)		06-Jan-2021		1.32	mg/l
	Manganese (filtered)		06-Jan-2021		0.0155	mg/l
	Nickel (filtered)		06-Jan-2021		0.00102	mg/l
	Potassium (filtered)		06-Jan-2021		0.331	mg/l
	Sodium (filtered)		06-Jan-2021		8.05	mg/l
	Zinc (filtered)		06-Jan-2021		0.00741	mg/l
	4-Methylphenol	TM176	06-Jan-2021		<0.001	mg/l
	Diethyl phthalate		06-Jan-2021		<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	15.1	mg/l
	Nitrate as NO3		06-Jan-2021		<0.3	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		<2	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		<0.1	mg/l
	Dichloromethane	TM208	06-Jan-2021		<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021		<0.00008	mg/l
BH5/02	Base of well/borehole/sump	Field	04-Jan-2021		10.34	m
	Electrical conductivity (field)		05-Jan-2021		430	µS/cm
			09-Feb-2021		408	µS/cm
	Groundwater level/dip		04-Jan-2021		1.85	m
			08-Feb-2021		1.81	m
			08-Mar-2021		1.87	m
	Water temperature		05-Jan-2021		13	°C
			09-Feb-2021		3.8	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		220	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
			10-Feb-2021	<5.5 mg/l	<0.2	mg/l
			10-Mar-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⁾
BH5/02	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		447	µS/cm
			10-Feb-2021		457	µS/cm
			10-Mar-2021		439	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		95.2	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00126	mg/l
	Iron (filtered)		06-Jan-2021		0.0383	mg/l
	Lead (filtered)		06-Jan-2021		0.000766	mg/l
	Magnesium (filtered)		06-Jan-2021		8.74	mg/l
	Manganese (filtered)		06-Jan-2021		0.0226	mg/l
	Nickel (filtered)		06-Jan-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		06-Jan-2021		1.24	mg/l
	Sodium (filtered)		06-Jan-2021		10.8	mg/l
	Zinc (filtered)		06-Jan-2021		0.02	mg/l
	4-Methylphenol	TM176	06-Jan-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		06-Jan-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	22.1	mg/l
			10-Feb-2021	<150 mg/l	22	mg/l
			10-Mar-2021	<150 mg/l	22.3	mg/l
	Nitrate as NO3		06-Jan-2021		10.4	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		12.3	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		2.35	mg/l
	Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021	<0.000055 mg/l	<0.00004	mg/l
NACW203	Base of well/borehole/sump	Field	04-Jan-2021		15.93	m
	Electrical conductivity (field)		05-Jan-2021		234	µS/cm

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW203	Electrical conductivity (field)	Field	09-Feb-2021		332	µS/cm
			09-Mar-2021		480	µS/cm
	Groundwater level/dip		04-Jan-2021		0.3	m
			08-Feb-2021		0.04	m
			08-Mar-2021		0.31	m
	Water temperature		05-Jan-2021		6.3	°C
			09-Feb-2021		3.2	°C
			09-Mar-2021		10.4	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		225	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
			10-Feb-2021	<5.5 mg/l	<0.2	mg/l
			10-Mar-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		477	µS/cm
			10-Feb-2021		335	µS/cm
			10-Mar-2021		512	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		85.2	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00315	mg/l
	Iron (filtered)		06-Jan-2021		0.0641	mg/l
	Lead (filtered)		06-Jan-2021		0.000669	mg/l
	Magnesium (filtered)		06-Jan-2021		9.65	mg/l
	Manganese (filtered)		06-Jan-2021		0.0135	mg/l
	Nickel (filtered)		06-Jan-2021	<0.02 mg/l	0.000529	mg/l
	Potassium (filtered)		06-Jan-2021		1.38	mg/l
	Sodium (filtered)		06-Jan-2021		13.5	mg/l
	Zinc (filtered)		06-Jan-2021		0.016	mg/l
	4-Methylphenol	TM176	06-Jan-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⁾
NACW203	Diethyl phthalate	TM176	06-Jan-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	32.3	mg/l
			10-Feb-2021	<150 mg/l	30.9	mg/l
			10-Mar-2021	<150 mg/l	29.5	mg/l
	Nitrate as NO3		06-Jan-2021		7.8	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		18.2	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		1.77	mg/l
	Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021	<0.000055 mg/l	<0.00004	mg/l
NACW205	Base of well/borehole/sump	Field	04-Jan-2021		19.63	m
	Electrical conductivity (field)		05-Jan-2021		242	µS/cm
			09-Feb-2021		475	µS/cm
			09-Mar-2021		399	µS/cm
	Groundwater level/dip		04-Jan-2021		0.77	m
			08-Feb-2021		0.91	m
			08-Mar-2021		0.84	m
	Water temperature		05-Jan-2021		10.2	°C
			09-Feb-2021		4.2	°C
			09-Mar-2021		10.9	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		235	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
			10-Feb-2021	<5.5 mg/l	<0.2	mg/l
			10-Mar-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		495	µS/cm
			10-Feb-2021		496	µS/cm
			10-Mar-2021		504	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾	
NACW205	Calcium (filtered)	TM152	06-Jan-2021		95.8	mg/l	
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l	
	Copper (filtered)		06-Jan-2021		0.000988	mg/l	
	Iron (filtered)		06-Jan-2021		0.0641	mg/l	
	Lead (filtered)		06-Jan-2021		0.00192	mg/l	
	Magnesium (filtered)		06-Jan-2021		9.02	mg/l	
	Manganese (filtered)		06-Jan-2021		0.0305	mg/l	
	Nickel (filtered)		06-Jan-2021	<0.02 mg/l	<0.0004	mg/l	
	Potassium (filtered)		06-Jan-2021		1.21	mg/l	
	Sodium (filtered)		06-Jan-2021		11	mg/l	
	Zinc (filtered)		06-Jan-2021		0.00722	mg/l	
	4-Methylphenol	TM176	06-Jan-2021	<0.001 mg/l	<0.001	mg/l	
	Diethyl phthalate		06-Jan-2021	<0.003 mg/l	<0.001	mg/l	
	Chloride	TM184	06-Jan-2021	<150 mg/l	34.7	mg/l	
			10-Feb-2021	<150 mg/l	34.8	mg/l	
			10-Mar-2021	<150 mg/l	34.5	mg/l	
		Nitrate as NO3		06-Jan-2021		8.36	mg/l
		Nitrite as NO2		06-Jan-2021		<0.05	mg/l
		Sulphate		06-Jan-2021		11.2	mg/l
		Total Oxidised Nitrogen as N		06-Jan-2021		1.9	mg/l
		Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
		Mecoprop	TM411	06-Jan-2021	<0.000055 mg/l	<0.00004	mg/l
NACW212	Base of well/borehole/sump	Field	04-Jan-2021		9.13	m	
	Electrical conductivity (field)		05-Jan-2021		236	µS/cm	
			09-Feb-2021		215	µS/cm	
			09-Mar-2021		214	µS/cm	
	Groundwater level/dip		04-Jan-2021		1.03	m	
			08-Feb-2021		1	m	

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW212	Groundwater level/dip	Field	08-Mar-2021		1.2	m
	Water temperature		05-Jan-2021		5	°C
			09-Feb-2021		3.7	°C
			09-Mar-2021		4.7	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		75	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
			10-Feb-2021	<5.5 mg/l	<0.2	mg/l
			10-Mar-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		238	µS/cm
			10-Feb-2021		231	µS/cm
			10-Mar-2021		219	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		34.9	mg/l
	Chromium (filtered)		06-Jan-2021		0.00155	mg/l
	Copper (filtered)		06-Jan-2021		0.00812	mg/l
	Iron (filtered)		06-Jan-2021		0.195	mg/l
	Lead (filtered)		06-Jan-2021		0.00116	mg/l
	Magnesium (filtered)		06-Jan-2021		3.74	mg/l
	Manganese (filtered)		06-Jan-2021		0.0371	mg/l
	Nickel (filtered)		06-Jan-2021	<0.037 mg/l	0.00124	mg/l
	Potassium (filtered)		06-Jan-2021		3.68	mg/l
	Sodium (filtered)		06-Jan-2021		10.1	mg/l
	Zinc (filtered)		06-Jan-2021		0.0601	mg/l
	4-Methylphenol	TM176	06-Jan-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		06-Jan-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	19.4	mg/l
			10-Feb-2021	<150 mg/l	19.5	mg/l
			10-Mar-2021	<150 mg/l	18.4	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	06-Jan-2021		12.6	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		21.3	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		2.86	mg/l
	Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021	<0.000055 mg/l	<0.00004	mg/l
NACW213	Base of well/borehole/sump	Field	04-Jan-2021		11.83	m
	Groundwater level/dip		04-Jan-2021		1.7	m
			08-Feb-2021		1.59	m
			08-Mar-2021		1.92	m
	Base of well/borehole/sump		04-Jan-2021		15.2	m
NACW219	Electrical conductivity (field)		05-Jan-2021		267	µS/cm
	Groundwater level/dip		04-Jan-2021		4.62	m
			08-Feb-2021		4.68	m
			08-Mar-2021		4.86	m
	Water temperature		05-Jan-2021		4.6	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		115	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		293	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021		<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		50.4	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00263	mg/l
	Iron (filtered)		06-Jan-2021		0.568	mg/l
	Lead (filtered)		06-Jan-2021		0.00027	mg/l
	Magnesium (filtered)		06-Jan-2021		6.86	mg/l
	Manganese (filtered)		06-Jan-2021		0.444	mg/l
	Nickel (filtered)		06-Jan-2021		0.00249	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW219	Potassium (filtered)	TM152	06-Jan-2021		1.9	mg/l
	Sodium (filtered)		06-Jan-2021		12.4	mg/l
	Zinc (filtered)		06-Jan-2021		0.00599	mg/l
	4-Methylphenol	TM176	06-Jan-2021		<0.001	mg/l
	Diethyl phthalate		06-Jan-2021		<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	21.9	mg/l
	Nitrate as NO3		06-Jan-2021		0.332	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		20.4	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		<0.1	mg/l
	Dichloromethane	TM208	06-Jan-2021		<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021		<0.00004	mg/l
NACW227	Base of well/borehole/sump	Field	04-Jan-2021		5.83	m
	Groundwater level/dip		04-Jan-2021		DRY	m
			08-Feb-2021		DRY	m
NACW228			08-Mar-2021		4.57	m
	Base of well/borehole/sump		04-Jan-2021		7.61	m
	Electrical conductivity (field)		05-Jan-2021		185	µS/cm
			09-Feb-2021		107	µS/cm
			09-Mar-2021		168	µS/cm
	Groundwater level/dip		04-Jan-2021		4.39	m
			08-Feb-2021		4.28	m
			08-Mar-2021		4.2	m
	Water temperature		05-Jan-2021		5.2	°C
			09-Feb-2021		2.3	°C
			09-Mar-2021		3.5	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		50	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-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	10-Feb-2021	<5.5 mg/l	<0.2	mg/l
			10-Mar-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		175	µS/cm
			10-Feb-2021		108	µS/cm
			10-Mar-2021		176	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		22.4	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00205	mg/l
	Iron (filtered)		06-Jan-2021		0.0592	mg/l
	Lead (filtered)		06-Jan-2021		0.000473	mg/l
	Magnesium (filtered)		06-Jan-2021		3.55	mg/l
	Manganese (filtered)		06-Jan-2021		0.0098	mg/l
	Nickel (filtered)		06-Jan-2021	<0.02 mg/l	0.0019	mg/l
	Potassium (filtered)		06-Jan-2021		3.81	mg/l
	Sodium (filtered)		06-Jan-2021		9.09	mg/l
	Zinc (filtered)		06-Jan-2021		0.00757	mg/l
	4-Methylphenol	TM176	06-Jan-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		06-Jan-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	15.7	mg/l
			10-Feb-2021	<150 mg/l	13.1	mg/l
			10-Mar-2021	<150 mg/l	14.9	mg/l
	Nitrate as NO3		06-Jan-2021		<0.3	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		29.2	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		<0.1	mg/l
	Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	06-Jan-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	04-Jan-2021		7.75	m
	Electrical conductivity (field)		05-Jan-2021		426	µS/cm
	Groundwater level/dip		04-Jan-2021		0.82	m
			08-Feb-2021		0.82	m
			08-Mar-2021		0.53	m
	Water temperature		05-Jan-2021		5.1	°C
	Total Alkalinity as CaCO3	TM043	06-Jan-2021		160	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		478	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021		<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		88.3	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00347	mg/l
	Iron (filtered)		06-Jan-2021		0.144	mg/l
	Lead (filtered)		06-Jan-2021		0.000765	mg/l
	Magnesium (filtered)		06-Jan-2021		6.15	mg/l
	Manganese (filtered)		06-Jan-2021		0.0297	mg/l
	Nickel (filtered)		06-Jan-2021		0.00133	mg/l
	Potassium (filtered)		06-Jan-2021		12.1	mg/l
	Sodium (filtered)		06-Jan-2021		13.3	mg/l
	Zinc (filtered)		06-Jan-2021		0.00773	mg/l
	4-Methylphenol	TM176	06-Jan-2021		<0.001	mg/l
	Diethyl phthalate		06-Jan-2021		<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	17.5	mg/l
	Nitrate as NO3		06-Jan-2021		3.81	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		85.4	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		0.87	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW229	Dichloromethane	TM208	06-Jan-2021		<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021		<0.00004	mg/l
NACW230	Base of well/borehole/sump	Field	04-Jan-2021		19.1	m
	Groundwater level/dip		04-Jan-2021		0.98	m
			08-Feb-2021		0.51	m
			08-Mar-2021		0.46	m
UD1	Total Alkalinity as CaCO3	TM043	06-Jan-2021		245	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
			10-Feb-2021	<5.5 mg/l	<0.2	mg/l
			10-Mar-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		532	µS/cm
			10-Feb-2021		558	µS/cm
			10-Mar-2021		569	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		65.7	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		<0.0003	mg/l
	Iron (filtered)		06-Jan-2021		<0.019	mg/l
	Lead (filtered)		06-Jan-2021		0.000218	mg/l
	Magnesium (filtered)		06-Jan-2021		6.88	mg/l
	Manganese (filtered)		06-Jan-2021		0.0122	mg/l
	Nickel (filtered)		06-Jan-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		06-Jan-2021		1.2	mg/l
	Sodium (filtered)		06-Jan-2021		11.5	mg/l
	Zinc (filtered)		06-Jan-2021		0.00464	mg/l
	4-Methylphenol	TM176	06-Jan-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		06-Jan-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	44.8	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
UD1	Chloride	TM184	10-Feb-2021	<150 mg/l	45.3	mg/l
			10-Mar-2021	<150 mg/l	44.3	mg/l
	Nitrate as NO3		06-Jan-2021		8.69	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		13.1	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		1.98	mg/l
	Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021	<0.000055 mg/l	<0.00004	mg/l
UD3	Total Alkalinity as CaCO3	TM043	06-Jan-2021		185	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
			10-Feb-2021	<5.5 mg/l	<0.2	mg/l
			10-Mar-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		361	µS/cm
			10-Feb-2021		385	µS/cm
			10-Mar-2021		373	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		90.9	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.000527	mg/l
	Iron (filtered)		06-Jan-2021		1.29	mg/l
	Lead (filtered)		06-Jan-2021		0.000407	mg/l
	Magnesium (filtered)		06-Jan-2021		6.23	mg/l
	Manganese (filtered)		06-Jan-2021		0.271	mg/l
	Nickel (filtered)		06-Jan-2021	<0.02 mg/l	<0.0004	mg/l
	Potassium (filtered)		06-Jan-2021		3.16	mg/l
	Sodium (filtered)		06-Jan-2021		9.36	mg/l
	Zinc (filtered)		06-Jan-2021		0.00806	mg/l
	4-Methylphenol	TM176	06-Jan-2021	<0.001 mg/l	<0.001	mg/l

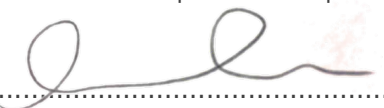
Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
UD3	Diethyl phthalate	TM176	06-Jan-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	16.3	mg/l
			10-Feb-2021	<150 mg/l	16.4	mg/l
			10-Mar-2021	<150 mg/l	16.5	mg/l
	Nitrate as NO3		06-Jan-2021		5.62	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		11	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		1.28	mg/l
	Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021	<0.000055 mg/l	<0.00008	mg/l
UD4	Total Alkalinity as CaCO3	TM043	06-Jan-2021		240	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	0.405	mg/l
			10-Feb-2021	<5.5 mg/l	0.375	mg/l
			10-Mar-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		443	µS/cm
			10-Feb-2021		483	µS/cm
			10-Mar-2021		415	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		65.5	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.0023	mg/l
	Iron (filtered)		06-Jan-2021		0.289	mg/l
	Lead (filtered)		06-Jan-2021		0.000595	mg/l
	Magnesium (filtered)		06-Jan-2021		5.05	mg/l
	Manganese (filtered)		06-Jan-2021		0.0791	mg/l
	Nickel (filtered)		06-Jan-2021	<0.02 mg/l	0.00214	mg/l
	Potassium (filtered)		06-Jan-2021		23.2	mg/l
	Sodium (filtered)		06-Jan-2021		10.3	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
UD4	Zinc (filtered)	TM152	06-Jan-2021		0.0134	mg/l
	4-Methylphenol	TM176	06-Jan-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		06-Jan-2021	<0.003 mg/l	<0.001	mg/l
	Chloride	TM184	06-Jan-2021	<150 mg/l	13.6	mg/l
			10-Feb-2021	<150 mg/l	13.2	mg/l
			10-Mar-2021	<150 mg/l	12.7	mg/l
	Nitrate as NO3		06-Jan-2021		4.04	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		15.8	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		0.926	mg/l
	Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	06-Jan-2021	<0.000055 mg/l	<0.00004	mg/l
UD5	Total Alkalinity as CaCO3	TM043	06-Jan-2021		160	mg/l
	Ammoniacal Nitrogen as N	TM099	06-Jan-2021	<5.5 mg/l	<0.2	mg/l
			10-Feb-2021	<5.5 mg/l	<0.2	mg/l
			10-Mar-2021	<5.5 mg/l	<0.2	mg/l
	Electrical conductivity @20°C (lab)	TM120	06-Jan-2021		411	µS/cm
			10-Feb-2021		410	µS/cm
			10-Mar-2021		390	µS/cm
	Cadmium (filtered)	TM152	06-Jan-2021	<0.0001 mg/l	<0.00008	mg/l
	Calcium (filtered)		06-Jan-2021		66.7	mg/l
	Chromium (filtered)		06-Jan-2021		<0.001	mg/l
	Copper (filtered)		06-Jan-2021		0.00221	mg/l
	Iron (filtered)		06-Jan-2021		0.278	mg/l
	Lead (filtered)		06-Jan-2021		0.000429	mg/l
	Magnesium (filtered)		06-Jan-2021		5.08	mg/l
	Manganese (filtered)		06-Jan-2021		0.0722	mg/l
	Nickel (filtered)		06-Jan-2021	<0.02 mg/l	0.002	mg/l

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
UD5	Potassium (filtered)	TM152	06-Jan-2021		23.9	mg/l
	Sodium (filtered)		06-Jan-2021		10.5	mg/l
	Zinc (filtered)		06-Jan-2021		0.00893	mg/l
	4-Methylphenol	TM176	06-Jan-2021	<0.001 mg/l	<0.001	mg/l
	Diethyl phthalate		06-Jan-2021	<0.003 mg/l	<0.001	mg/l
	Chloride		06-Jan-2021	<150 mg/l	27.9	mg/l
			10-Feb-2021	<150 mg/l	25.7	mg/l
			10-Mar-2021	<150 mg/l	17.9	mg/l
	Nitrate as NO3		06-Jan-2021		10.6	mg/l
	Nitrite as NO2		06-Jan-2021		<0.05	mg/l
	Sulphate		06-Jan-2021		25.5	mg/l
	Total Oxidised Nitrogen as N		06-Jan-2021		2.4	mg/l
	Dichloromethane	TM208	06-Jan-2021	<0.002 mg/l	<0.003	mg/l
	Mecoprop	TM411	06-Jan-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⁾
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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: 31 March 2021

(Authorised to sign as representative of
Operator)