

Operator: CWM Environmental Ltd
Permit: CP3735PB

Installation: Nantycaws Landfill Site
Form: Gas sampling Q3 2021

Reporting of gas sampling 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⁾
BH3/1	Air temperature	Field	26-Jul-2021		14.7	°C
			10-Aug-2021		16.1	°C
			13-Sep-2021		17.6	°C
	Atmospheric pressure		26-Jul-2021		990	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	0.1	%
			10-Aug-2021	<3.5% v/v	0.1	%
			13-Sep-2021	<3.5% v/v	0.2	%
	Differential pressure		26-Jul-2021		3.18	Pa
			10-Aug-2021		2.07	Pa
			13-Sep-2021		3.45	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		21.1	%
			10-Aug-2021		21	%
			13-Sep-2021		21	%
BH3/10	Air temperature		26-Jul-2021		17.2	°C
			10-Aug-2021		15.5	°C
			13-Sep-2021		18	°C
	Atmospheric pressure		26-Jul-2021		989	mbar

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
BH3/10	Atmospheric pressure	Field	10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
			26-Jul-2021	<3.5% v/v	0.7	%
	Carbon dioxide		10-Aug-2021	<3.5% v/v	1.3	%
			13-Sep-2021	<3.5% v/v	1.5	%
			26-Jul-2021		7.21	Pa
	Differential pressure		10-Aug-2021		7.62	Pa
			13-Sep-2021		7.19	Pa
			26-Jul-2021	<1% v/v above background	0	%
	Methane		10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
			26-Jul-2021		20.9	%
	Oxygen		10-Aug-2021		19.2	%
			13-Sep-2021		18.2	%
BH3/11	Air temperature		26-Jul-2021		14.3	°C
			10-Aug-2021		16.6	°C
			13-Sep-2021		17.8	°C
	Atmospheric pressure		26-Jul-2021		989	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	0.1	%
			10-Aug-2021	<3.5% v/v	1	%
			13-Sep-2021	<3.5% v/v	2.6	%
	Differential pressure		26-Jul-2021		5.16	Pa
			10-Aug-2021		7.62	Pa
			13-Sep-2021		4.56	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/11	Oxygen	Field	26-Jul-2021		21.2	%
			10-Aug-2021		20.3	%
			13-Sep-2021		18.1	%
BH3/2	Air temperature		26-Jul-2021		14.6	°C
			10-Aug-2021		15.3	°C
			13-Sep-2021		19.5	°C
	Atmospheric pressure		26-Jul-2021		989	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	1.8	%
			10-Aug-2021	<3.5% v/v	3	%
			13-Sep-2021	<3.5% v/v	2.8	%
	Differential pressure		26-Jul-2021		8.11	Pa
			10-Aug-2021		7.53	Pa
			13-Sep-2021		8.73	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		17.5	%
			10-Aug-2021		15.7	%
			13-Sep-2021		16.7	%
BH3/3	Air temperature		26-Jul-2021		ART	°C
			10-Aug-2021		16.7	°C
			13-Sep-2021		18	°C
	Atmospheric pressure		26-Jul-2021		ART	mbar
			10-Aug-2021		993	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	ART	%
			10-Aug-2021	<3.5% v/v	1.4	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/3	Carbon dioxide	Field	13-Sep-2021	<3.5% v/v	2.5	%
	Differential pressure		26-Jul-2021		ART	Pa
			10-Aug-2021		6.32	Pa
			13-Sep-2021		6.3	Pa
	Methane		26-Jul-2021	<1% v/v above background	ART	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		ART	%
			10-Aug-2021		19.9	%
			13-Sep-2021		18	%
	Air temperature		26-Jul-2021		13.9	°C
			10-Aug-2021		18.2	°C
			13-Sep-2021		17.9	°C
	Atmospheric pressure		26-Jul-2021		989	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
BH3/4	Carbon dioxide	Field	26-Jul-2021	<3.5% v/v	1.6	%
			10-Aug-2021	<3.5% v/v	0.5	%
			13-Sep-2021	<3.5% v/v	0.8	%
	Differential pressure		26-Jul-2021		7.53	Pa
			10-Aug-2021		6.45	Pa
			13-Sep-2021		4.32	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		19.6	%
			10-Aug-2021		20.6	%
			13-Sep-2021		20.7	%
	Air temperature		26-Jul-2021		14.2	°C

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/5	Air temperature	Field	10-Aug-2021		14.7	°C
			13-Sep-2021		17.8	°C
			26-Jul-2021		989	mbar
	Atmospheric pressure		10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
			26-Jul-2021	<3.5% v/v	1.3	%
	Carbon dioxide		10-Aug-2021	<3.5% v/v	1.4	%
			13-Sep-2021	<3.5% v/v	1.8	%
			26-Jul-2021		4.88	Pa
	Differential pressure		10-Aug-2021		7.22	Pa
			13-Sep-2021		7.2	Pa
			26-Jul-2021	<1% v/v above background	0	%
	Methane		10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
			26-Jul-2021		19.9	%
	Oxygen		10-Aug-2021		19.8	%
			13-Sep-2021		19.1	%
BH3/6	Air temperature		26-Jul-2021		16.4	°C
			10-Aug-2021		14.8	°C
			13-Sep-2021		17.3	°C
	Atmospheric pressure		26-Jul-2021		990	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	0.3	%
			10-Aug-2021	<3.5% v/v	0.7	%
			13-Sep-2021	<3.5% v/v	0.7	%
	Differential pressure		26-Jul-2021		8.35	Pa
			10-Aug-2021		4.37	Pa
			13-Sep-2021		6.27	Pa

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/6	Methane	Field	26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		20.6	%
			10-Aug-2021		20.9	%
			13-Sep-2021		21	%
	Air temperature		26-Jul-2021		14.7	°C
			10-Aug-2021		14.9	°C
			13-Sep-2021		18.5	°C
BH3/8	Atmospheric pressure	26-Jul-2021		990	mbar	
		10-Aug-2021		994	mbar	
		13-Sep-2021		994	mbar	
	Carbon dioxide	26-Jul-2021	<3.5% v/v	1.4	%	
		10-Aug-2021	<3.5% v/v	1.2	%	
		13-Sep-2021	<3.5% v/v	1.8	%	
	Differential pressure	26-Jul-2021		8.06	Pa	
		10-Aug-2021		5.62	Pa	
		13-Sep-2021		5.96	Pa	
	Methane	26-Jul-2021	<1% v/v above background	0	%	
		10-Aug-2021	<1% v/v above background	0	%	
		13-Sep-2021	<1% v/v above background	0	%	
	Oxygen	26-Jul-2021		20.4	%	
		10-Aug-2021		19.7	%	
		13-Sep-2021		19.1	%	
BH3/9	Air temperature	26-Jul-2021		16.4	°C	
		10-Aug-2021		14.9	°C	
		13-Sep-2021		19.4	°C	
	Atmospheric pressure	26-Jul-2021		989	mbar	
		10-Aug-2021		994	mbar	

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/9	Atmospheric pressure	Field	13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	0.9	%
			10-Aug-2021	<3.5% v/v	1.2	%
			13-Sep-2021	<3.5% v/v	0.9	%
	Differential pressure		26-Jul-2021		6.66	Pa
			10-Aug-2021		5.62	Pa
			13-Sep-2021		5.94	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		18.5	%
			10-Aug-2021		19.7	%
			13-Sep-2021		19.5	%
NACW201	Air temperature		26-Jul-2021		13.8	°C
			10-Aug-2021		12.3	°C
			13-Sep-2021		17.1	°C
	Atmospheric pressure		26-Jul-2021		989	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	3.3	%
			10-Aug-2021	<3.5% v/v	0.9	%
			13-Sep-2021	<3.5% v/v	2.1	%
	Differential pressure		26-Jul-2021		1.09	Pa
			10-Aug-2021		2.67	Pa
			13-Sep-2021		5.23	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		20	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW201	Oxygen	Field	10-Aug-2021		20.7	%
			13-Sep-2021		18.7	%
			26-Jul-2021		14.4	°C
NACW202	Air temperature		10-Aug-2021		12.3	°C
			13-Sep-2021		17.2	°C
			26-Jul-2021		989	mbar
	Atmospheric pressure		10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
			26-Jul-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	2.3	%
			10-Aug-2021	<3.5% v/v	1.9	%
			13-Sep-2021	<3.5% v/v	1.6	%
	Differential pressure		26-Jul-2021		1.7	Pa
			10-Aug-2021		3.34	Pa
			13-Sep-2021		4.47	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		19.7	%
			10-Aug-2021		19.8	%
			13-Sep-2021		19.7	%
NACW203	Air temperature		26-Jul-2021		15	°C
			10-Aug-2021		14	°C
			13-Sep-2021		18.2	°C
	Atmospheric pressure		26-Jul-2021		990	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	0.3	%
			10-Aug-2021	<3.5% v/v	0.1	%
			13-Sep-2021	<3.5% v/v	0.3	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW203	Differential pressure	Field	26-Jul-2021		6.61	Pa
			10-Aug-2021		6.8	Pa
			13-Sep-2021		6.03	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		20.7	%
			10-Aug-2021		20.8	%
			13-Sep-2021		20.8	%
NACW204	Air temperature		26-Jul-2021		14.6	°C
			10-Aug-2021		14	°C
			13-Sep-2021		17.3	°C
	Atmospheric pressure		26-Jul-2021		990	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	1.1	%
			10-Aug-2021	<3.5% v/v	0.8	%
			13-Sep-2021	<3.5% v/v	0.5	%
	Differential pressure		26-Jul-2021		3.91	Pa
			10-Aug-2021		5.72	Pa
			13-Sep-2021		7.31	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		18.4	%
			10-Aug-2021		20.5	%
			13-Sep-2021		20.7	%
NACW205	Air temperature		26-Jul-2021		15.5	°C
			10-Aug-2021		13.6	°C

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW205	Air temperature	Field	13-Sep-2021		17	°C
	Atmospheric pressure		26-Jul-2021		990	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	1.6	%
			10-Aug-2021	<3.5% v/v	1.3	%
			13-Sep-2021	<3.5% v/v	1	%
	Differential pressure		26-Jul-2021		4.27	Pa
			10-Aug-2021		6.22	Pa
			13-Sep-2021		7.22	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		18.9	%
			10-Aug-2021		19.4	%
			13-Sep-2021		19.7	%
NACW212	Air temperature	26-Jul-2021		13.6	°C	
		10-Aug-2021		13.5	°C	
		13-Sep-2021		16	°C	
	Atmospheric pressure	26-Jul-2021		990	mbar	
		10-Aug-2021		995	mbar	
		13-Sep-2021		995	mbar	
	Carbon dioxide	26-Jul-2021	<3.5% v/v	3.2	%	
		10-Aug-2021	<3.5% v/v	1.3	%	
		13-Sep-2021	<3.5% v/v	0.4	%	
	Differential pressure	26-Jul-2021		0.77	Pa	
		10-Aug-2021		8.38	Pa	
		13-Sep-2021		6.01	Pa	
	Methane	26-Jul-2021	<1% v/v above background	0	%	

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW212	Methane	Field	10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
			26-Jul-2021		19.3	%
	Oxygen		10-Aug-2021		20.2	%
			13-Sep-2021		21	%
NACW213	Air temperature		26-Jul-2021		14.2	°C
			10-Aug-2021		14.5	°C
			13-Sep-2021		17.3	°C
	Atmospheric pressure		26-Jul-2021		991	mbar
			10-Aug-2021		995	mbar
			13-Sep-2021		996	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	0.9	%
			10-Aug-2021	<3.5% v/v	1.4	%
			13-Sep-2021	<3.5% v/v	0.7	%
	Differential pressure		26-Jul-2021		5.19	Pa
			10-Aug-2021		4.92	Pa
			13-Sep-2021		5.36	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		20.8	%
			10-Aug-2021		20.2	%
			13-Sep-2021		21	%
NACW215	Air temperature		26-Jul-2021		14.7	°C
			10-Aug-2021		15.4	°C
			13-Sep-2021		18.3	°C
	Atmospheric pressure		26-Jul-2021		990	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW215	Carbon dioxide	Field	26-Jul-2021	<3.5% v/v	1.7	%
			10-Aug-2021	<3.5% v/v	3.1	%
			13-Sep-2021	<3.5% v/v	0.1	%
	Differential pressure		26-Jul-2021		5.89	Pa
			10-Aug-2021		3.77	Pa
			13-Sep-2021		5.62	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		20.6	%
			10-Aug-2021		18.4	%
			13-Sep-2021		19.2	%
NACW216	Air temperature		26-Jul-2021		14.6	°C
			10-Aug-2021		15.2	°C
			13-Sep-2021		17.1	°C
	Atmospheric pressure		26-Jul-2021		991	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	0.1	%
			10-Aug-2021	<3.5% v/v	0.2	%
			13-Sep-2021	<3.5% v/v	0.3	%
	Differential pressure		26-Jul-2021		6.01	Pa
			10-Aug-2021		5.89	Pa
			13-Sep-2021		6.72	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		21.2	%
			10-Aug-2021		21	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW216	Oxygen	Field	13-Sep-2021		21	%
NACW219	Air temperature		26-Jul-2021		16.1	°C
			10-Aug-2021		15.2	°C
			13-Sep-2021		18.3	°C
	Atmospheric pressure		26-Jul-2021		990	mbar
			10-Aug-2021		994	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	1.1	%
			10-Aug-2021	<3.5% v/v	0.5	%
			13-Sep-2021	<3.5% v/v	0.1	%
	Differential pressure		26-Jul-2021		8.18	Pa
			10-Aug-2021		5.28	Pa
			13-Sep-2021		5.62	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		19.6	%
			10-Aug-2021		20.8	%
			13-Sep-2021		19.2	%
NACW227	Air temperature		26-Jul-2021		16.7	°C
			10-Aug-2021		15.2	°C
			13-Sep-2021		18.1	°C
	Atmospheric pressure		26-Jul-2021		990	mbar
			10-Aug-2021		995	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	2.9	%
			10-Aug-2021	<3.5% v/v	1.5	%
			13-Sep-2021	<3.5% v/v	2.7	%
	Differential pressure		26-Jul-2021		6.18	Pa

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW227	Differential pressure	Field	10-Aug-2021		5.84	Pa
			13-Sep-2021		6.22	Pa
			26-Jul-2021	<1% v/v above background	0	%
	Methane		10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
			26-Jul-2021		18.2	%
NACW228	Oxygen		10-Aug-2021		20.1	%
			13-Sep-2021		18.1	%
			26-Jul-2021		16.9	°C
	Air temperature		10-Aug-2021		17.9	°C
			13-Sep-2021		18.5	°C
			26-Jul-2021		990	mbar
	Atmospheric pressure		10-Aug-2021		995	mbar
			13-Sep-2021		994	mbar
			26-Jul-2021	<3.5% v/v	1.2	%
	Carbon dioxide		10-Aug-2021	<3.5% v/v	0.1	%
			13-Sep-2021	<3.5% v/v	0.9	%
			26-Jul-2021		5.55	Pa
	Differential pressure		10-Aug-2021		7.58	Pa
			13-Sep-2021		5.04	Pa
			26-Jul-2021	<1% v/v above background	0	%
	Methane		10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
			26-Jul-2021		20.6	%
NACW229	Oxygen		10-Aug-2021		21	%
			13-Sep-2021		20.2	%
			26-Jul-2021		14.9	°C
	Air temperature		10-Aug-2021		15	°C
			13-Sep-2021		18.9	°C

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW229	Atmospheric pressure	Field	26-Jul-2021		989	mbar
			10-Aug-2021		995	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	0.5	%
			10-Aug-2021	<3.5% v/v	1.1	%
			13-Sep-2021	<3.5% v/v	2.2	%
	Differential pressure		26-Jul-2021		7.57	Pa
			10-Aug-2021		5.65	Pa
			13-Sep-2021		3.04	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%
			13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		20.6	%
			10-Aug-2021		20	%
			13-Sep-2021		17.1	%
NACW230	Air temperature		26-Jul-2021		17.1	°C
			10-Aug-2021		14.6	°C
			13-Sep-2021		18.6	°C
	Atmospheric pressure		26-Jul-2021		989	mbar
			10-Aug-2021		995	mbar
			13-Sep-2021		994	mbar
	Carbon dioxide		26-Jul-2021	<3.5% v/v	0.4	%
			10-Aug-2021	<3.5% v/v	1.3	%
			13-Sep-2021	<3.5% v/v	0.7	%
	Differential pressure		26-Jul-2021		4.57	Pa
			10-Aug-2021		6.52	Pa
			13-Sep-2021		6.47	Pa
	Methane		26-Jul-2021	<1% v/v above background	0	%
			10-Aug-2021	<1% v/v above background	0	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ⁽¹⁾ ⁽⁴⁾	Unit ⁽⁵⁾
NACW230	Methane	Field	13-Sep-2021	<1% v/v above background	0	%
	Oxygen		26-Jul-2021		20.2	%
			10-Aug-2021		20.4	%
			13-Sep-2021		21.1	%

(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.

(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)