

Operator: CWM Environmental Ltd
Permit: CP3735PB

Installation: Nantycaws Landfill Site
Form: Gas sampling Q4 2021

Reporting of gas sampling for the period

01-Oct-2021 to 31-Dec-2021

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/1	Air temperature	Field	18-Oct-2021		13.8	°C
			09-Nov-2021		12.7	°C
			03-Dec-2021		6.1	°C
	Atmospheric pressure		18-Oct-2021		995	mbar
			09-Nov-2021		1007	mbar
			03-Dec-2021		986	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.3	%
			09-Nov-2021	<3.5% v/v	1.9	%
			03-Dec-2021	<3.5% v/v	2.1	%
	Differential pressure		18-Oct-2021		0.67	Pa
			09-Nov-2021		0.63	Pa
			03-Dec-2021		3.02	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		21.2	%
			09-Nov-2021		20.2	%
			03-Dec-2021		20.5	%
BH3/10	Air temperature		18-Oct-2021		12.2	°C
			09-Nov-2021		13.8	°C
			03-Dec-2021		7	°C
	Atmospheric pressure		18-Oct-2021		994	mbar

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/10	Atmospheric pressure	Field	09-Nov-2021		1007	mbar
			03-Dec-2021		987	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	1.5	%
			09-Nov-2021	<3.5% v/v	1	%
			03-Dec-2021	<3.5% v/v	1.8	%
	Differential pressure		18-Oct-2021		7.17	Pa
			09-Nov-2021		3.94	Pa
			03-Dec-2021		3.84	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		20.8	%
			09-Nov-2021		20.7	%
			03-Dec-2021		21.3	%
BH3/11	Air temperature		18-Oct-2021		12.9	°C
			09-Nov-2021		10.7	°C
			03-Dec-2021		7	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1007	mbar
			03-Dec-2021		987	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.4	%
			09-Nov-2021	<3.5% v/v	1.5	%
			03-Dec-2021	<3.5% v/v	0.3	%
	Differential pressure		18-Oct-2021		7.44	Pa
			09-Nov-2021		5.12	Pa
			03-Dec-2021		4.76	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-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	18-Oct-2021		20.1	%
			09-Nov-2021		20.8	%
			03-Dec-2021		22.2	%
BH3/2	Air temperature		18-Oct-2021		12.3	°C
			09-Nov-2021		11.2	°C
			03-Dec-2021		7.1	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1007	mbar
			03-Dec-2021		987	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	1.1	%
			09-Nov-2021	<3.5% v/v	0.5	%
			03-Dec-2021	<3.5% v/v	0.1	%
	Differential pressure		18-Oct-2021		8.21	Pa
			09-Nov-2021		6.9	Pa
			03-Dec-2021		4.68	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		19.2	%
			09-Nov-2021		21	%
			03-Dec-2021		22.2	%
BH3/3	Air temperature		18-Oct-2021		13.8	°C
			09-Nov-2021		ART	°C
			03-Dec-2021		ART	°C
	Atmospheric pressure		18-Oct-2021		993	mbar
			09-Nov-2021		ART	mbar
			03-Dec-2021		ART	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.6	%
			09-Nov-2021	<3.5% v/v	ART	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/3	Carbon dioxide	Field	03-Dec-2021	<3.5% v/v	ART	%
	Differential pressure		18-Oct-2021		5.33	Pa
			09-Nov-2021		ART	Pa
			03-Dec-2021		ART	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	ART	%
			03-Dec-2021	<1% v/v above background	ART	%
	Oxygen		18-Oct-2021		19.5	%
			09-Nov-2021		ART	%
			03-Dec-2021		ART	%
	Air temperature		18-Oct-2021		21.1	°C
			09-Nov-2021		11..9	°C
			03-Dec-2021		7.6	°C
	Atmospheric pressure		18-Oct-2021		995	mbar
			09-Nov-2021		1007	mbar
BH3/4		Field	03-Dec-2021		987	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	1.8	%
			09-Nov-2021	<3.5% v/v	2.6	%
			03-Dec-2021	<3.5% v/v	2.9	%
	Differential pressure		18-Oct-2021		7.36	Pa
			09-Nov-2021		5.72	Pa
			03-Dec-2021		3.06	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		20.7	%
			09-Nov-2021		18.2	%
			03-Dec-2021		18.2	%
	Air temperature		18-Oct-2021		20.4	°C

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/5	Air temperature	Field	09-Nov-2021		12.1	°C
			03-Dec-2021		7.1	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1007	mbar
			03-Dec-2021		987	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	3	%
			09-Nov-2021	<3.5% v/v	1.8	%
			03-Dec-2021	<3.5% v/v	1.4	%
	Differential pressure		18-Oct-2021		6.27	Pa
			09-Nov-2021		7.72	Pa
			03-Dec-2021		4.75	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
BH3/6	Oxygen		18-Oct-2021		15.9	%
			09-Nov-2021		19.1	%
			03-Dec-2021		19.8	%
	Air temperature		18-Oct-2021		13	°C
			09-Nov-2021		12.6	°C
			03-Dec-2021		6.7	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1007	mbar
			03-Dec-2021		986	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.1	%
			09-Nov-2021	<3.5% v/v	0.2	%
			03-Dec-2021	<3.5% v/v	0.1	%
	Differential pressure		18-Oct-2021		4.46	Pa
			09-Nov-2021		2.56	Pa
			03-Dec-2021		3.18	Pa

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/6	Methane	Field	18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		20.5	%
			09-Nov-2021		21.3	%
			03-Dec-2021		21.8	%
	Air temperature		18-Oct-2021		14.5	°C
			09-Nov-2021		12.5	°C
			03-Dec-2021		7.4	°C
BH3/8	Atmospheric pressure	18-Oct-2021		994	mbar	
		09-Nov-2021		1007	mbar	
		03-Dec-2021		987	mbar	
	Carbon dioxide	18-Oct-2021	<3.5% v/v	2.1	%	
		09-Nov-2021	<3.5% v/v	2.2	%	
		03-Dec-2021	<3.5% v/v	2.2	%	
	Differential pressure	18-Oct-2021		7.1	Pa	
		09-Nov-2021		3.16	Pa	
		03-Dec-2021		3.6	Pa	
	Methane	18-Oct-2021	<1% v/v above background	0	%	
		09-Nov-2021	<1% v/v above background	0	%	
		03-Dec-2021	<1% v/v above background	0	%	
	Oxygen	18-Oct-2021		19.1	%	
		09-Nov-2021		19.2	%	
		03-Dec-2021		20	%	
BH3/9	Air temperature	18-Oct-2021		20.1	°C	
		09-Nov-2021		13.7	°C	
		03-Dec-2021		8.1	°C	
	Atmospheric pressure	18-Oct-2021		994	mbar	
		09-Nov-2021		1006	mbar	

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
BH3/9	Atmospheric pressure	Field	03-Dec-2021		987	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.8	%
			09-Nov-2021	<3.5% v/v	0.7	%
			03-Dec-2021	<3.5% v/v	1.2	%
	Differential pressure		18-Oct-2021		8.8	Pa
			09-Nov-2021		7.89	Pa
			03-Dec-2021		4	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		17.6	%
			09-Nov-2021		20.2	%
			03-Dec-2021		19.7	%
NACW201	Air temperature		18-Oct-2021		13	°C
			09-Nov-2021		12.1	°C
			03-Dec-2021		7.8	°C
	Atmospheric pressure		18-Oct-2021		993	mbar
			09-Nov-2021		1007	mbar
			03-Dec-2021		988	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.1	%
			09-Nov-2021	<3.5% v/v	1.5	%
			03-Dec-2021	<3.5% v/v	2.9	%
	Differential pressure		18-Oct-2021		3.23	Pa
			09-Nov-2021		4.26	Pa
			03-Dec-2021		3.71	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		20.8	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW201	Oxygen	Field	09-Nov-2021		19.7	%
			03-Dec-2021		18.7	%
NACW202	Air temperature		18-Oct-2021		13.6	°C
			09-Nov-2021		12	°C
			03-Dec-2021		7.4	°C
	Atmospheric pressure		18-Oct-2021		993	mbar
			09-Nov-2021		1007	mbar
			03-Dec-2021		987	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.2	%
			09-Nov-2021	<3.5% v/v	2.2	%
			03-Dec-2021	<3.5% v/v	1.4	%
	Differential pressure		18-Oct-2021		3.91	Pa
			09-Nov-2021		3.19	Pa
			03-Dec-2021		4.7	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
NACW203	Oxygen		18-Oct-2021		20.6	%
			09-Nov-2021		19	%
			03-Dec-2021		18.9	%
	Air temperature		18-Oct-2021		13.8	°C
			09-Nov-2021		11.1	°C
			03-Dec-2021		6.1	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1007	mbar
			03-Dec-2021		988	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.1	%
			09-Nov-2021	<3.5% v/v	0.2	%
			03-Dec-2021	<3.5% v/v	0.1	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW203	Differential pressure	Field	18-Oct-2021		7.63	Pa
			09-Nov-2021		7.21	Pa
			03-Dec-2021		3.93	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		20.9	%
			09-Nov-2021		20.8	%
			03-Dec-2021		21.6	%
NACW204	Air temperature		18-Oct-2021		13	°C
			09-Nov-2021		10.9	°C
			03-Dec-2021		6.4	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1008	mbar
			03-Dec-2021		988	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	3.2	%
			09-Nov-2021	<3.5% v/v	0.3	%
			03-Dec-2021	<3.5% v/v	0.3	%
	Differential pressure		18-Oct-2021		4.34	Pa
			09-Nov-2021		4.7	Pa
			03-Dec-2021		2.97	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		19.3	%
			09-Nov-2021		20.9	%
			03-Dec-2021		21.7	%
NACW205	Air temperature		18-Oct-2021		13.1	°C
			09-Nov-2021		11.7	°C

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW205	Air temperature	Field	03-Dec-2021		6.3	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1008	mbar
			03-Dec-2021		988	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	1.4	%
			09-Nov-2021	<3.5% v/v	1.7	%
			03-Dec-2021	<3.5% v/v	1.2	%
	Differential pressure		18-Oct-2021		5.23	Pa
			09-Nov-2021		4.93	Pa
			03-Dec-2021		3.21	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		20.3	%
			09-Nov-2021		19.7	%
			03-Dec-2021		19.8	%
NACW212	Air temperature	18-Oct-2021		12.4	°C	
		09-Nov-2021		9.7	°C	
		03-Dec-2021		6.7	°C	
	Atmospheric pressure	18-Oct-2021		996	mbar	
		09-Nov-2021		1009	mbar	
		03-Dec-2021		989	mbar	
	Carbon dioxide	18-Oct-2021	<3.5% v/v	0.2	%	
		09-Nov-2021	<3.5% v/v	1.7	%	
		03-Dec-2021	<3.5% v/v	1	%	
	Differential pressure	18-Oct-2021		4.47	Pa	
		09-Nov-2021		5.22	Pa	
		03-Dec-2021		4.3	Pa	
	Methane	18-Oct-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	09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		21	%
			09-Nov-2021		19.7	%
			03-Dec-2021		21.6	%
NACW213	Air temperature		18-Oct-2021		13.7	°C
			09-Nov-2021		9.7	°C
			03-Dec-2021		6.5	°C
	Atmospheric pressure		18-Oct-2021		996	mbar
			09-Nov-2021		1009	mbar
			03-Dec-2021		989	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.9	%
			09-Nov-2021	<3.5% v/v	0.8	%
			03-Dec-2021	<3.5% v/v	1.7	%
	Differential pressure		18-Oct-2021		5.36	Pa
			09-Nov-2021		4.76	Pa
			03-Dec-2021		5.02	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		20.7	%
			09-Nov-2021		20.9	%
			03-Dec-2021		21.4	%
NACW215	Air temperature		18-Oct-2021		12.6	°C
			09-Nov-2021		11.1	°C
			03-Dec-2021		7.1	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1005	mbar
03-Dec-2021			987	mbar		

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW215	Carbon dioxide	Field	18-Oct-2021	<3.5% v/v	3.1	%
			09-Nov-2021	<3.5% v/v	2.6	%
			03-Dec-2021	<3.5% v/v	1.8	%
	Differential pressure		18-Oct-2021		6.01	Pa
			09-Nov-2021		3.86	Pa
			03-Dec-2021		2.19	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
NACW216	Oxygen		18-Oct-2021		17.6	%
			09-Nov-2021		19.9	%
			03-Dec-2021		19.5	%
	Air temperature		18-Oct-2021		12.7	°C
			09-Nov-2021		11.1	°C
			03-Dec-2021		7.4	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1005	mbar
			03-Dec-2021		987	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.5	%
			09-Nov-2021	<3.5% v/v	0.4	%
			03-Dec-2021	<3.5% v/v	0.1	%
	Differential pressure		18-Oct-2021		6.28	Pa
			09-Nov-2021		4.28	Pa
			03-Dec-2021		4.73	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		20.7	%
			09-Nov-2021		20	%

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW216	Oxygen	Field	03-Dec-2021		22.3	%
NACW219	Air temperature		18-Oct-2021		12.8	°C
			09-Nov-2021		12.1	°C
			03-Dec-2021		6.8	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1007	mbar
			03-Dec-2021		987	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.3	%
			09-Nov-2021	<3.5% v/v	2.2	%
			03-Dec-2021	<3.5% v/v	1.6	%
	Differential pressure		18-Oct-2021		7.21	Pa
			09-Nov-2021		5.91	Pa
			03-Dec-2021		4.39	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		20.4	%
			09-Nov-2021		18.9	%
			03-Dec-2021		18.6	%
NACW227	Air temperature		18-Oct-2021		15.4	°C
			09-Nov-2021		12.4	°C
			03-Dec-2021		7.3	°C
	Atmospheric pressure		18-Oct-2021		994	mbar
			09-Nov-2021		1007	mbar
			03-Dec-2021		989	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	1.8	%
			09-Nov-2021	<3.5% v/v	1.4	%
			03-Dec-2021	<3.5% v/v	1.2	%
	Differential pressure		18-Oct-2021		5.42	Pa

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW227	Differential pressure	Field	09-Nov-2021		6.25	Pa
			03-Dec-2021		5.36	Pa
			18-Oct-2021	<1% v/v above background	0	%
	Methane		09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
			18-Oct-2021		19.8	%
NACW228	Oxygen		09-Nov-2021		20.6	%
			03-Dec-2021		20	%
			18-Oct-2021		17.5	°C
	Air temperature		09-Nov-2021		14.9	°C
			03-Dec-2021		11.9	°C
			18-Oct-2021		995	mbar
	Atmospheric pressure		09-Nov-2021		1006	mbar
			03-Dec-2021		986	mbar
			18-Oct-2021	<3.5% v/v	2.5	%
	Carbon dioxide		09-Nov-2021	<3.5% v/v	0.6	%
			03-Dec-2021	<3.5% v/v	1.2	%
			18-Oct-2021		5.07	Pa
	Differential pressure		09-Nov-2021		6.2	Pa
			03-Dec-2021		4.27	Pa
			18-Oct-2021	<1% v/v above background	0	%
	Methane		09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
			18-Oct-2021		18.6	%
NACW229	Oxygen		09-Nov-2021		21.1	%
			03-Dec-2021		20.1	%
			18-Oct-2021		14.7	°C
	Air temperature		09-Nov-2021		10.8	°C
			03-Dec-2021		6.9	°C

Monitoring location	Substance / parameter ⁽⁶⁾	Test method ⁽²⁾	Date ⁽³⁾	Compliance limit ⁽⁷⁾	Result ^{(1) (4)}	Unit ⁽⁵⁾
NACW229	Atmospheric pressure	Field	18-Oct-2021		995	mbar
			09-Nov-2021		1006	mbar
			03-Dec-2021		986	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.1	%
			09-Nov-2021	<3.5% v/v	1.4	%
			03-Dec-2021	<3.5% v/v	0.8	%
	Differential pressure		18-Oct-2021		7.62	Pa
			09-Nov-2021		5.56	Pa
			03-Dec-2021		0.56	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-2021	<1% v/v above background	0	%
			03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		21.2	%
			09-Nov-2021		19.5	%
			03-Dec-2021		21.2	%
NACW230	Air temperature		18-Oct-2021		11.9	°C
			09-Nov-2021		13	°C
			03-Dec-2021		9.4	°C
	Atmospheric pressure		18-Oct-2021		996	mbar
			09-Nov-2021		1006	mbar
			03-Dec-2021		986	mbar
	Carbon dioxide		18-Oct-2021	<3.5% v/v	0.1	%
			09-Nov-2021	<3.5% v/v	0.4	%
			03-Dec-2021	<3.5% v/v	0.4	%
	Differential pressure		18-Oct-2021		5.31	Pa
			09-Nov-2021		6.66	Pa
			03-Dec-2021		5.31	Pa
	Methane		18-Oct-2021	<1% v/v above background	0	%
			09-Nov-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	03-Dec-2021	<1% v/v above background	0	%
	Oxygen		18-Oct-2021		20.9	%
			09-Nov-2021		20.9	%
			03-Dec-2021		21.3	%

(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: 14 December 2021

(Authorised to sign as representative of
Operator)