Date : 9/07/2024 9:00:20 AM
From : " sch4 Contrary to public interest **@angloamerican.com**
To : "air.science@des.qld.gov.au" air.science@des.qld.gov.au, "CWES_Mackay" CWES_Mackay@des.qld.gov.au, "Naomi Camilleri" Naomi.Camilleri@des.qld.gov.au, "mellisa.wells@des.qld.gov.au" mellisa.wells@des.qld.gov.au, "Tony Baker" Tony.Baker@des.qld.gov.au, "Cate Puschmann" Cate.Puschmann@des.qld.gov.au
Cc : sch4 Contrary to public interest **angloamerican.com,** sch4 Contrary to public interes **@angloamerican.com**
Subject : Data Requirements for 3,4 and 5 - Emergency Direction Notice C-CPLRC-100678894/ STAT-E-100678956
Attachment : DESI Community Real Time Gas Monitoring 20240708.xlsx;DESI Mine Site Real Time Gas Monitoring Data_1-8July24.xlsx;DESI Personal VOC PAH Onsite Sampling Results 8July2024.xlsx;DESI GRO Site Gas Data 1 to 8 July 2024.xlsx;Letter to DESI 9 July 2024 - Requirements 3 4 and 5 of Directive .pdf;Monitoring - Town Community Readings (002).xlsx;image001.png;image002.jpg;image003.png;image004.png;image005.png;image006.png;image007.png;

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[OFFICIAL]

Hi All,

Please find attached data collected for the preceding 24 hours as requested by requirement 5 of the Emergency Direction Notice C-CPLRC-100678894/ STAT-E-100678956 (Realtime Community data for 8th July).

Find also attached once-off submission items:

Mine site Realtime gas data
Mine site VOC onsite sampling
Community data from 30th June to 8th July

Let me know if you have any questions or concerns.

Best regards,

ch4 Contrary to public interes
Environment Systems Officer

AngloAmerican

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A member of the Anglo American plc group

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Location	Date	Time	Hand held Unit	CO2	IBUT	CH4	O2	CO	H2S	SO2	NO2	Recorder Name	Comments
Camp	8/07/2024	0:00	Ibrid MX6	na	0	na	na	0.00	na	0			
Camp	8/07/2024	0:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Camp	8/07/2024	0:00	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Tower	8/07/2024	0:30	Ibrid MX6	na	0	na	na	0.00	na	0			
Tower	8/07/2024	0:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Tower	8/07/2024	0:30	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Square	8/07/2024	1:00	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Square	8/07/2024	1:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Square	8/07/2024	1:00	Ibrid MX6	na	0.7	na	na	0.00	na	0			PID - 0.7ppm
Utah	8/07/2024	1:30	Ibrid MX6	na	0.5	na	na	0.00	na	0			PID - 0.5ppm
Utah	8/07/2024	1:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Utah	8/07/2024	1:30	MSA Altair XR Orange	na	na	0.10%	20.8%	0.00	0				
Dittman	8/07/2024	2:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Dittman	8/07/2024	2:00	Ibrid MX6	na	0	na	na	0.00	na	0			
Dittman	8/07/2024	2:00	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Camp	8/07/2024	2:30	Ibrid MX6	na	0	na	na	0.00	na	0			
Camp	8/07/2024	2:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Camp	8/07/2024	2:30	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Tower	8/07/2024	3:00	Ibrid MX6	na	0	na	na	0.00	na	0		Contrary to public int	
Tower	8/07/2024	3:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Tower	8/07/2024	3:00	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Square	8/07/2024	3:30	Ibrid MX6	na	0	na	na	0.00	na	0			
Square	8/07/2024	3:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Square	8/07/2024	3:30	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Utah	8/07/2024	4:00	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Utah	8/07/2024	4:00	Ibrid MX6	na	0.4	na	na	0.00	na	0			PID - 0.4ppm
Utah	8/07/2024	4:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Dittman	8/07/2024	4:30	Ibrid MX6	na	0.3	na	na	0.00	na	0			PID - 0.3ppm
Dittman	8/07/2024	4:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Dittman	8/07/2024	4:30	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Camp	8/07/2024	5:00	Ibrid MX6	na	1.1	na	na	0.00	na	0			PID - 1.1ppm
Camp	8/07/2024	5:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Camp	8/07/2024	5:00	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Tower	8/07/2024	5:30	Ibrid MX6	na	1.3	na	na	0.00	na	0			PID - 1.3ppm
Tower	8/07/2024	5:30	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Tower	8/07/2024	5:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Square	8/07/2024	6:00	MSA Altair XR Orange	na	na	0.10%	20.8%	0.00	0				
Square	8/07/2024	6:00	Ibrid MX6	na	0.3	na	na	0.00	na	0			PID - 0.3ppm
Square	8/07/2024	6:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Utah	8/07/2024	6:30	MSA Altair XR Orange	na	na	0.10%	20.8%	0.00	0				
Utah	8/07/2024	6:30	Ibrid MX6	na	0.3	na	na	0.00	na	0			PID - 0.3ppm
Utah	8/07/2024	6:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		8/07/2024 6:30:00 AM Upload
Dittman	8/07/2024	7:00	MSA Altair XR Orange	na	na	0.10%	20.8%	0.00	0				
Dittman	8/07/2024	7:00	Ibrid MX6	na	0	na	na	0.00	na	0			
Dittman	8/07/2024	7:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Camp	8/07/2024	7:30	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Camp	8/07/2024	7:30	Ibrid MX6	na	0	na	na	0.00	na	0			
Camp	8/07/2024	7:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Tower	8/07/2024	8:00	Ibrid MX6	na	0	na	na	0.00	na	0			
Tower	8/07/2024	8:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Square	8/07/2024	8:30	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Square	8/07/2024	8:30	Ibrid MX6	na	0	na	na	0.00	na	0			
Square	8/07/2024	8:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Utah	8/07/2024	9:00	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Utah	8/07/2024	9:00	Ibrid MX6	na	0.4	na	na	0.00	na	0			PID - 0.4ppm
Utah	8/07/2024	9:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Dittman	8/07/2024	9:30	MSA Altair XR Orange	na	na	0.00%	20.8%	0.00	0				
Dittman	8/07/2024	9:30	Ibrid MX6	na	0.4	na	na	0.00	na	0			PID - 0.4ppm
Dittman	8/07/2024	9:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Tower	8/07/2024	10:30	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Tower	8/07/2024	10:30	Ibrid MX6	na	0	na	na	0.00	na	0			
Tower	8/07/2024	10:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Square	8/07/2024	11:00	Ibrid MX6	na	0	na	na	0.00	na	0			
Square	8/07/2024	11:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Square	8/07/2024	11:00	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Utah	8/07/2024	11:30	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Utah	8/07/2024	11:30	Ibrid MX6	na	0	na	na	0.00	na	0			
Utah	8/07/2024	11:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Dittman	8/07/2024	12:00	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0			Contrary to public int	
Dittman	8/07/2024	12:00	Ibrid MX6	na	0	na	na	0.00	na	0			
Dittman	8/07/2024	12:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Camp	8/07/2024	12:30	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Camp	8/07/2024	12:30	Ibrid MX6	na	-1	na	na	0.00	na	0			
Camp	8/07/2024	12:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Tower	8/07/2024	13:00	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Tower	8/07/2024	13:00	Ibrid MX6	na	0	na	na	0.00	na	0			
Tower	8/07/2024	13:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Square	8/07/2024	13:30	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Square	8/07/2024	13:30	Ibrid MX6	na	0.4	na	na	0.00	na	0			
Square	8/07/2024	13:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Dittman	8/07/2024	14:30	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Dittman	8/07/2024	14:30	Ibrid MX6	na	0.6	na	na	0.00	na	0			
Dittman	8/07/2024	14:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Camp	8/07/2024	15:00	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Camp	8/07/2024	15:00	Ibrid MX6	na	0	na	na	0.00	na	0			
Camp	8/07/2024	15:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Tower	8/07/2024	15:30	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Tower	8/07/2024	15:30	Ibrid MX6	na	0	na	na	0.00	na	0			
Tower	8/07/2024	15:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Square	8/07/2024	16:00	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Square	8/07/2024	16:00	Ibrid MX6	na	0	na	na	0.00	na	0			
Square	8/07/2024	16:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Utah	8/07/2024	16:30	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Utah	8/07/2024	16:30	Ibrid MX6	na	0	na	na	0.00	na	0			
Utah	8/07/2024	16:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Dittman	8/07/2024	17:00	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Dittman	8/07/2024	17:00	Ibrid MX6	na	0	na	na	0.00	na	0			
Dittman	8/07/2024	17:00	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Camp	8/07/2024	17:30	MSA Altair XR Black	na	na	0.00%	20.8%	0.00	0				
Camp	8/07/2024	17:30	Ibrid MX6	na	0.3	na	na	0.00	na	0			
Camp	8/07/2024	17:30	Drager	0.06%	na	0.00%	20.9%	0.00	0	na	0		
Tower	8/07/2024	18:41	Ibrid MX6	0.05%	0	0.00%	20.8%	0.00	0	0	NA		Changed from multiple gas monitors to 2x Ibrids setup to detect all relevant gasses.NO2 Gas in transit from Melbourne. ETA Wednesday 10/07
Square	8/07/2024	19:15	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/08
Utah	8/07/2024	19:30	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/09
Dittman	8/07/2024	19:45	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/10
Camp	8/07/2024	20:15	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/11
Tower	8/07/2024	20:45	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/12
Square	8/07/2024	21:15	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/13
Utah	8/07/2024	21:30	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA	4 Contrary to public inter	NO2 Gas in transit from Melbourne. ETA Wednesday 10/14
Dittman	8/07/2024	21:45	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/15
Camp	8/07/2024	22:15	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/16
Tower	8/07/2024	22:45	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/17
Square	8/07/2024	23:15	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/18
Utah	8/07/2024	23:30	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/19
Dittman	8/07/2024	23:45	Ibrid MX6	0.00%	0	0.00%	20.9%	0.00	0	0	NA		NO2 Gas in transit from Melbourne. ETA Wednesday 10/20

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Date Collected	2/07/2024 (NS)	2/07/2024 (NS)	2/07/2024 (NS)	2/07/2024 (NS)	2/07/2024 (NS)	3/7/24 (DS)	3/7/24 (DS)	3/7/24 (NS)	3/7/24 (NS)	3/7/24 (NS)	
Name	sch4 Contrary to public interest										
SEG	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	
Work Activity	Dozer Operator, CV Drift	Dozer Operator, CV Drift	MasterMyne, MIA Outbye	Tomlinson Boiler		EPCM #5	CV Drift	CV Drift	Shaft 6	Enamac	
Avg Flow rate (mL/min)	NA	NA	NA	51	INVALID SAMPLE	NA	NA	NA	NA		51
RunTime	680	667	669	665		512	474	688	646	696	
Sample ID	4416	7029	7599	9510215725	5726	7083	7634	7011	7029	1152340	
Filter Type	Pasive SKC 575-100	Pasive SKC 575-100	Pasive SKC 575-100	Active SKC 226-01	Active SKC 226-01	Pasive SKC 575-100	Pasive SKC 575-100	Pasive SKC 575-100	Pasive SKC 575-100	Active SKC 226-01	
Filter ID	1151783	1151785	1151781	1151787		1152336	1152337	1152352	1152353	9510215720	

Analyte	Filter PQL (µg/sample)	PQL (ug/sample)	Current SWA OEL (mg/m3)	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Acetone	µg/sample	20		<20	<20	<20	<20	INVALID	<20	<20	<20	<20	<20					
Acetone	mg/m3		1185	<1.5	<1.5	<1.5	<0.59	INVALID	<2.0	<2.1	<1.5	<1.6	<0.56					
Acetone	ppm		500	<0.61	<0.63	<0.62	<0.24	INVALID	<0.81	<0.88	<0.61	<0.65	<0.23					
Acrylonitrile	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Acrylonitrile	mg/m3		4.3	<0.37	<0.38	<0.38	<0.15	INVALID	<0.49	<0.53	<0.37	<0.39	<0.14					
Acrylonitrile	ppm		2	<0.17	<0.17	<0.17	<0.067	INVALID	<0.22	<0.24	<0.17	<0.18	<0.064					
Hexane	µg/sample	20		<20	<20	<20	<20	INVALID	<20	<20	<20	<20	<20					
Hexane	mg/m3		72	<2.1	<2.1	<2.1	<0.59	INVALID	<2.7	<3.0	<2.0	<2.2	<0.56					
Hexane	ppm		20	<0.58	<0.59	<0.58	<0.17	INVALID	<0.76	<0.83	<0.57	<0.61	<0.16					
Methyl Ethyl Ketone (MEK)	µg/sample	10		<10	<10	<10	<10	INVALID	<10	<10	<10	<10	<10					
Methyl Ethyl Ketone (MEK)	mg/m3		445	<0.85	<0.86	<0.86	<0.29	INVALID	<1.1	<1.2	<0.84	<0.89	<0.28					
Methyl Ethyl Ketone (MEK)	ppm		150	<0.28	<0.29	<0.29	<0.099	INVALID	<0.38	<0.41	<0.28	<0.30	<0.094					
Ethyl acetate	µg/sample	10		<10	<10	<10	<10	INVALID	<10	<10	<10	<10	<10					
Ethyl acetate	mg/m3		720	<1.1	<1.1	<1.1	<0.29	INVALID	<1.5	<1.6	<1.1	<1.2	<0.28					
Ethyl acetate	ppm		200	<0.31	<0.31	<0.31	<0.081	INVALID	<0.41	<0.44	<0.30	<0.32	<0.077					
1,2-Dichloroethane	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
1,2-Dichloroethane	mg/m3		40	<0.52	<0.53	<0.53	<0.15	INVALID	<0.69	<0.74	<0.51	<0.55	<0.14					
1,2-Dichloroethane	ppm		10	<0.13	<0.13	<0.13	<0.036	INVALID	<0.17	<0.18	<0.12	<0.13	<0.034					
Benzene	µg/sample	2.0		<2.0	<2.0	<2.0	<2.0	INVALID	<2.0	<2.0	<2.0	<2.0	<2.0					
Benzene	mg/m3		3.2	<0.18	<0.19	<0.19	<0.059	INVALID	<0.24	<0.26	<0.18	<0.19	<0.056					
Benzene	ppm		1	<0.057	<0.058	<0.058	<0.018	INVALID	<0.075	<0.081	<0.056	<0.060	<0.017					
Carbon Tetrachloride	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Carbon Tetrachloride	mg/m3		0.63	<0.52	<0.53	<0.53	<0.15	INVALID	<0.69	<0.75	<0.52	<0.55	<0.14					
Carbon Tetrachloride	ppm		0.1	<0.082	<0.083	<0.083	<0.023	INVALID	<0.11	<0.12	<0.081	<0.086	<0.022					
Cyclohexane	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Cyclohexane	mg/m3		350	<0.47	<0.48	<0.48	<0.15	INVALID	<0.63	<0.68	<0.47	<0.50	<0.14					
Cyclohexane	ppm		100	<0.14	<0.14	<0.14	<0.042	INVALID	<0.18	<0.19	<0.13	<0.14	<0.040					
Ethyl acrylate	µg/sample	10		<10	<10	<10	<10	INVALID	<10	<10	<10	<10	<10					
Ethyl acrylate	mg/m3		20	<1.1	<1.1	<1.1	<0.29	INVALID	<1.4	<1.5	<1.0	<1.1	<0.28					
Ethyl acrylate	ppm		5	<0.25	<0.26	<0.26	<0.071	INVALID	<0.34	<0.37	<0.25	<0.27	<0.068					
Trichloroethene	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Trichloroethene	mg/m3			<0.49	<0.50	<0.50	<0.15	INVALID	<0.66	<0.71	<0.49	<0.52	<0.14					
Trichloroethene	ppm			<0.091	<0.092	<0.092	<0.027	INVALID	<0.12	<0.13	<0.090	<0.095	<0.026					
1,4-Dioxane	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
1,4-Dioxane	mg/m3		36	<0.54	<0.55	<0.55	<0.15	INVALID	<0.72	<0.78	<0.53	<0.57	<0.14					
1,4-Dioxane	ppm		10	<0.15	<0.15	<0.15	<0.040	INVALID	<0.20	<0.21	<0.15	<0.16	<0.039					
Epichlorohydrin	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Epichlorohydrin	mg/m3		7.6	<0.46	<0.47	<0.47	<0.15	INVALID	<0.61	<0.66	<0.45	<0.48	<0.14					
Epichlorohydrin	ppm		2	<0.12	<0.12	<0.12	<0.038	INVALID	<0.16	<0.17	<0.12	<0.13	<0.037					
Methyl isobutyl ketone (MIBK)	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Methyl isobutyl ketone (MIBK)	mg/m3		205	<0.53	<0.54	<0.54	<0.15	INVALID	<0.70	<0.76	<0.52	<0.56	<0.14					
Methyl isobutyl ketone (MIBK)	ppm		50	<0.13	<0.13	<0.13	<0.036	INVALID	<0.17	<0.18	<0.13	<0.13	<0.034					
Toluene	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Toluene	mg/m3		191	<0.51	<0.52	<0.52	<0.15	INVALID	<0.67	<0.73	<0.50	<0.53	<0.14					
Toluene	ppm		50	<0.13	<0.14	<0.13	<0.039	INVALID	<0.18	<0.19	<0.13	<0.14	<0.037					
n-Butyl acetate	µg/sample	10		<10	<10	<10	<10	INVALID	<10	<10	<10	<10	<10					
n-Butyl acetate	mg/m3		716	<1.2	<1.2	<1.2	<0.29	INVALID	<1.6	<1.7	<1.2	<1.3	<0.28					
n-Butyl acetate	ppm		150	<0.25	<0.25	<0.25	<0.061	INVALID	<0.33	<0.36	<0.25	<0.26	<0.058					
Tetrachloroethene	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Tetrachloroethene	mg/m3			<0.56	<0.57	<0.57	<0.15	INVALID	<0.75	<0.81	<0.55	<0.59	<0.14					
Tetrachloroethene	ppm			<0.082	<0.083	<0.083	<0.021	INVALID	<0.11	<0.12	<0.081	<0.086	<0.020					
Chlorobenzene	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Chlorobenzene	mg/m3		46	<0.52	<0.53	<0.53	<0.15	INVALID	<0.69	<0.74	<0.51	<0.55	<0.14					
Chlorobenzene	ppm		10	<0.11	<0.11	<0.11	<0.032	INVALID	<0.15	<0.16	<0.11	<0.12	<0.030					
Ethylbenzene	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Ethylbenzene	mg/m3			<0.57	<0.58	<0.58	<0.15	INVALID	<0.76	<0.82	<0.56	<0.60	<0.14					
Ethylbenzene	ppm			<0.13	<0.13	<0.13	<0.033	INVALID	<0.17	<0.19	<0.13	<0.14	<0.032					
meta+para Xylene	µg/sample	10		<10	<10	<10	<10	INVALID	<10	<10	<10	<10	<10					
meta+para Xylene	mg/m3		350	<1.2	<1.2	<1.2	<0.29	INVALID	<1.5	<1.7	<1.1	<1.2	<0.28					
meta+para Xylene	ppm		80	<0.26	<0.27	<0.27	<0.067	INVALID	<0.35	<0.38	<0.26	<0.28	<0.064					
Nonane	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Nonane	mg/m3		1050	<0.69	<0.71	<0.71	<0.15	INVALID	<0.92	<1.0	<0.69	<0.73	<0.14					
Nonane	ppm		200	<0.13	<0.13	<0.13	<0.028	INVALID	<0.17	<0.19	<0.13	<0.14	<0.026					
Cyclohexanone	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Cyclohexanone	mg/m3		100	<0.52	<0.53	<0.53	<0.15	INVALID	<0.69	<0.74	<0.51	<0.55	<0.14					
Cyclohexanone	ppm		25	<0.13	<0.13	<0.13	<0.036	INVALID	<0.17	<0.18	<0.13	<0.13	<0.035					
Styrene	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Styrene	mg/m3			<0.57	<0.58	<0.58	<0.15	INVALID	<0.76	<0.82	<0.56	<0.60	<0.14					
Styrene	ppm			<0.13	<0.13	<0.13	<0.034	INVALID	<0.18	<0.19	<0.13	<0.14	<0.033					
ortho-Xylene	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
ortho-Xylene	mg/m3		350	<0.62	<0.63	<0.63	<0.15	INVALID	<0.82	<0.89	<0.61	<0.65	<0.14					
ortho-Xylene	ppm		80	<0.14	<0.14	<0.14	<0.033	INVALID	<0.19	<0.20	<0.14	<0.15	<0.032					
Total Xylene	µg/sample	15		<15	<15	<15	<15	INVALID	<15	<15	<15	<15	<15					
Total Xylene	mg/m3		350	<1.8	<1.8	<1.8	<0.44	INVALID	<2.4	<2.6	<1.8	<1.9	<0.42					
Total Xylene	ppm		80	<0.41	<0.42	<0.41	<0.10	INVALID	<0.54	<0.59	<0.40	<0.43	<0.096					
Isopropylbenzene	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Isopropylbenzene	mg/m3			<0.57	<0.59	<0.58	<0.15	INVALID	<0.76	<0.82	<0.57	<0.60	<0.14					
Isopropylbenzene	ppm			<0.12	<0.12	<0.12	<0.030	INVALID	<0.15	<0.17	<0.11	<0.12	<0.028					
Diisobutyl Ketone (DIBK)	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Diisobutyl Ketone (DIBK)	mg/m3			<0.72	<0.73	<0.73	<0.15	INVALID	<0.96	<1.0	<0.71	<0.76	<0.14					
Diisobutyl Ketone (DIBK)	ppm			<0.12	<0.12	<0.12	<0.025	INVALID	<0.16	<0.18	<0.12	<0.13	<0.024					
alpha-Methylstyrene	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
alpha-Methylstyrene	mg/m3			<0.60	<0.61	<0.61	<0.15	INVALID	<0.79	<0.86	<0.59	<0.63	<0.14					
alpha-Methylstyrene	ppm			<0.12	<0.12	<0.12	<0.030	INVALID	<0.16	<0.17	<0.12	<0.13	<0.029					
Decane	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Decane	mg/m3			<0.72	<0.73	<0.73	<0.15	INVALID	<0.96	<1.0	<0.71	<0.76	<0.14					
Decane	ppm			<0.12	<0.12	<0.12	<0.025	INVALID	<0.16	<0.18	<0.12	<0.13	<0.024					
Benzyl chloride	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Benzyl chloride	mg/m3		5.2	<0.60	<0.61	<0.61	<0.15	INVALID	<0.79	<0.86	<0.59	<0.63	<0.14					
Benzyl chloride	ppm		1	<0.11	<0.12	<0.12	<0.028	INVALID	<0.15	<0.16	<0.11	<0.12	<0.027					
Dodecane	µg/sample	5.0		<5.0	<5.0	<5.0	<5.0	INVALID	<5.0	<5.0	<5.0	<5.0	<5.0					
Dodecane	mg/m3			<0.62	<0.64	<0.63	<0.15	INVALID	<0.83	<0.89	<0.62	<0.66	<0.14					
Dodecane	ppm			<0.088	<0.090	<0.090	<0.021	INVALID	<0.12	<0.13	<0.087	<0.093	<0.020					
Naphthalene	µg/sample	10		<10	<10	<10	<10	INVALID	<10	<10	<10	<10	<10					
Naphthalene	mg/m3		52	<1.2	<1.2	<1.2	<0.29	INVALID	<1.6	<1.7	<1.2	<1.3	<0.28					
Naphthalene	ppm		10	<0.22	<0.23	<0.23	<0.055	INVALID	<0.30	<0.32	<0.22	<0.24	<0.053					
Toluene-D8	%			94.3	92.1	96.7	92.6	INVALID	97.3	103	99.6	104	104					

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Date Collected	2/07/2024 (NS)	2/07/2024 (NS)	2/07/2024 (NS)	2/07/2024 (NS)	3/7/24 (DS)	3/7/24 (DS)	3/7/24 (DS)	3/7/24 (NS)	3/7/24 (NS)	3/7/24 (NS)
Name	sch4 Contrary to public interest									
SEG	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response	Fire Response
Work Activity	MIA Outbye, Mastermyne	Dozer Operator, CV Drift	Dozer Operator, CV Drift	Tomlinson Boiler	EPCM #5	Shaft #5	CV Drift	CV Drift	CVDrift	CV Drift
Avg Flow rate (mL/min)	2000	1995	1995	2000	2490 - INVALID	1990	1990	1990	1960	1975
RunTime	670	666	679	666	513	490	473	700	695	681
Sample ID	1	2	3	4	5	6	7	8	9	10
Filter Type	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE
Filter ID	1151780	1151784	1151782	1151786		1152330	1152331	1152341	1152342	1152343

Analyte	Filter PQL (µg/sample)	XAD Tube PQL (ug/sample)	SWA OEL (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)	Result (mg/m3)
Naphthalene	1	0.5	52	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Acenaphthylene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Acenaphthene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Fluorene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Phenanthrene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Anthracene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Fluoranthene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Pyrene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Benzo(a)anthracene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Chrysene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Benzo(b,j,k)fluoranthene	2	1	Not available	<0.0015	<0.0015	<0.0015	<0.0015	Invalid	<0.0021	<0.0021	<0.0014	<0.0015	<0.0015									
Benzo(a)pyrene	0.1	0.1	Not available	<0.000075	<0.000075	<0.000074	<0.000075	Invalid	<0.00010	<0.00011	<0.000072	<0.000073	<0.000074									
Indeno(1,2,3-c,d)pyrene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Dibenzo(a,h)anthracene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									
Benzo(g,h,i)perylene	1	0.5	Not available	<0.00075	<0.00075	<0.00074	<0.00075	Invalid	<0.0010	<0.0011	<0.00072	<0.00073	<0.00074									

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AngloAmerican

STEELMAKING COAL
BRISBANE CORPORATE OFFICE
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9 July 2024

Cate Puschmann
A/Manager Compliance
Department of Environment, Science and Innovation

By email: *cate.puschmann@des.qld.gov.au*
Also to: *air.sciences@des.qld.gov.au* and *cwes_mackay@des.qld.gov.au*

Dear Ms Puschmann

Emergency Direction Notice – 5 July 2024 – Requirements 3, 4 and 5

We refer to emergency direction notice C-CPLRC-100678894/STAT-E-100678956, issued to Moranbah North Coal Pty Ltd under section 467 of the *Environmental Protection Act 1994* (Qld) on 5 July 2024 (**Notice**).

Requirements 3 and 4

In satisfaction of requirements 3 and 4 of the Notice, we confirm that an expanded ambient air quality monitoring program will fully commence from midnight tonight in accordance with the plan submitted for requirement 2 of the Notice on 8 July 2024.

Requirement 5

In response to requirement 5 of the Notice, **attached** is all data from the existing air quality monitoring program. The data includes:

- laboratory results of personal sampling for VOC and PAHs taken at Grosvenor Mine on 2 and 3 July 2024;
- handheld gas sampling results taken at Grosvenor Mine between 1 and 8 July 2024 (note, two Excel files are provided); and
- handheld gas sampling within the community (including the Tower data already provided to the Department) for the period 30 June 2024 to midnight last night.

In addition, handheld gas data from the expanded ambient air quality monitoring program collected for the preceding 24 hours is also **attached**.

If you have any questions or would like to discuss this letter, please contact me on the details below.

Yours faithfully

sch4 Contrary to public interest

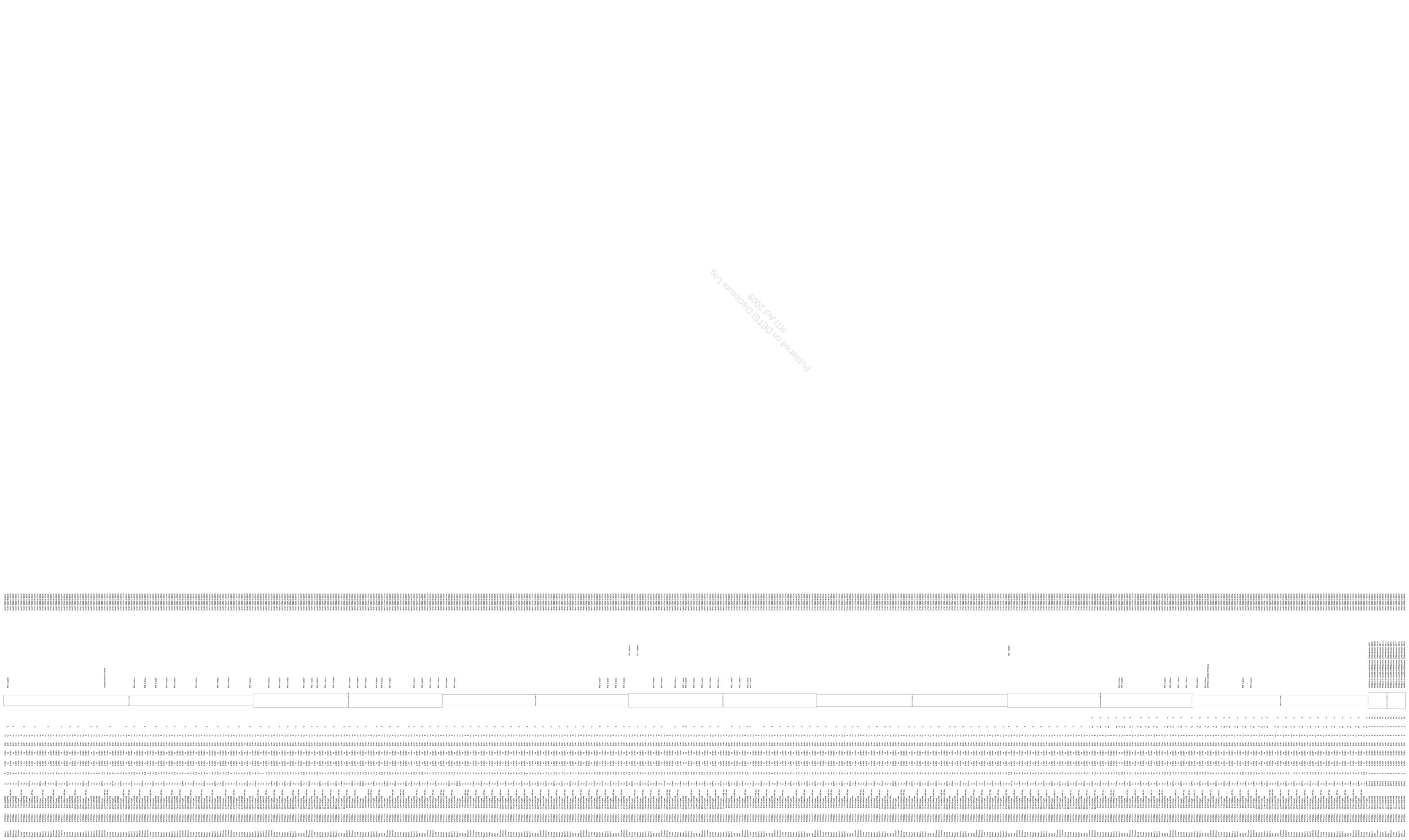
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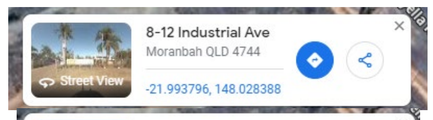
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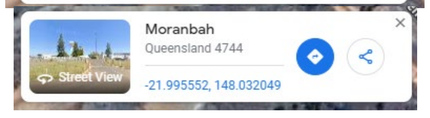


	Coords
1 Grosvenor Camp	21°59'36.7"S 148°01'41.3"E
2 Water Tower / Truck Stop	21°59'44.0"S 148°01'55.4"E
3 Dittman Dr	22°00'03.7"S 148°02'00.6"E
4 Town Square	22°00'03.1"S 148°02'38.7"E

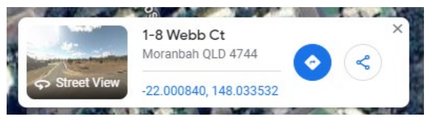
1



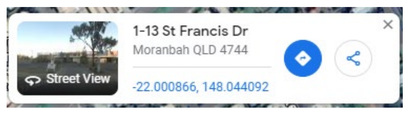
2



3



4



Coordinates
55k 606430 ; 7567112



Units

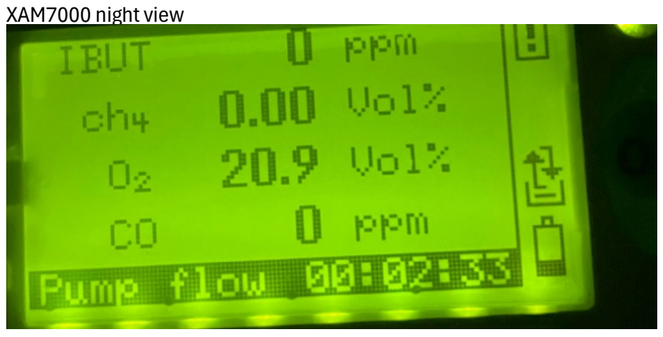
Draeger



XAM7000



XAM7000 night view



MSA ALTAIR 4XR ORANGE



MSA ALTAIR 4XR BLACK



CH4

O2

CO

H2S

A4X This is also an Altair

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Row Reference	Parameter Index	Area	Meter	Meter Area	Meter Index	Parameter	Tag	Time Stamp	Variable	Axis Data					
1	1	1	1	1	1	1	1	08-07-2024 04:43:00	0.2000	08-07-2024 04:43:00	0.2000				
1054	2	Tower	Acid PH3	Acid PH3	1	CL6	GRO.SurfaceSample.Tower.CL6	08-07-2024 04:43:00	0.2000						
1054	3	Tower	Acid PH3	Acid PH3	2	BkT	GRO.SurfaceSample.Tower.BkT	08-07-2024 04:43:00	0.2000						
1054	4	Tower	Acid PH3	Acid PH3	3	CO	GRO.SurfaceSample.Tower.CO	08-07-2024 04:43:00	0.2000						
1054	5	Tower	Acid PH3	Acid PH3	4	CO	GRO.SurfaceSample.Tower.CO	08-07-2024 04:43:00	0.2000						
1054	6	Tower	Acid PH3	Acid PH3	5	SO2	GRO.SurfaceSample.Tower.SO2	08-07-2024 04:43:00	0.2000						
1054	7	Tower	Acid PH3	Acid PH3	6	SO2	GRO.SurfaceSample.Tower.SO2	08-07-2024 04:43:00	0.2000						
1055	1	Square	Acid PH3	Acid PH3	7	Z33	GRO.SurfaceSample.Square.Z33	08-07-2024 23:15:00	0.2000	NA					
1055	2	Square	Acid PH3	Acid PH3	8	Z44	GRO.SurfaceSample.Square.Z44	08-07-2024 23:15:00	0.2000						
1055	3	Square	Acid PH3	Acid PH3	9	Z44	GRO.SurfaceSample.Square.Z44	08-07-2024 23:15:00	0.2000						
1055	4	Square	Acid PH3	Acid PH3	10	I3	GRO.SurfaceSample.Square.I3	08-07-2024 23:15:00	0.2000						
1055	5	Square	Acid PH3	Acid PH3	11	I3	GRO.SurfaceSample.Square.I3	08-07-2024 23:15:00	0.2000						
1055	6	Square	Acid PH3	Acid PH3	12	NO5	GRO.SurfaceSample.Square.NO5	08-07-2024 23:15:00	0.2000						
1055	7	Square	Acid PH3	Acid PH3	13	SO2	GRO.SurfaceSample.Square.SO2	08-07-2024 23:15:00	0.2000						
1056	1	Carey	Acid PH3	Acid PH3	14	CO2	GRO.SurfaceSample.Carey.CO2	08-07-2024 23:15:00	0.2000						
1056	2	Carey	Acid PH3	Acid PH3	15	BkT	GRO.SurfaceSample.Carey.BkT	08-07-2024 23:15:00	0.2000						
1056	3	Carey	Acid PH3	Acid PH3	16	I3	GRO.SurfaceSample.Carey.I3	08-07-2024 23:15:00	0.2000						
1056	4	Carey	Acid PH3	Acid PH3	17	I3	GRO.SurfaceSample.Carey.I3	08-07-2024 23:15:00	0.2000						
1056	5	Carey	Acid PH3	Acid PH3	18	NO5	GRO.SurfaceSample.Carey.NO5	08-07-2024 23:15:00	0.2000						
1056	6	Carey	Acid PH3	Acid PH3	19	SO2	GRO.SurfaceSample.Carey.SO2	08-07-2024 23:15:00	0.2000						
1057	1	Dittmar	Acid PH3	Acid PH3	20	Z33	GRO.SurfaceSample.Dittmar.Z33	08-07-2024 04:43:00	0.2000						
1057	2	Dittmar	Acid PH3	Acid PH3	21	BkT	GRO.SurfaceSample.Dittmar.BkT	08-07-2024 04:43:00	0.2000						
1057	3	Dittmar	Acid PH3	Acid PH3	22	CH4	GRO.SurfaceSample.Dittmar.CH4	08-07-2024 04:43:00	0.2000						
1057	4	Dittmar	Acid PH3	Acid PH3	23	CO	GRO.SurfaceSample.Dittmar.CO	08-07-2024 04:43:00	0.2000						
1057	5	Dittmar	Acid PH3	Acid PH3	24	CO	GRO.SurfaceSample.Dittmar.CO	08-07-2024 04:43:00	0.2000						
1057	6	Dittmar	Acid PH3	Acid PH3	25	NO5	GRO.SurfaceSample.Dittmar.NO5	08-07-2024 04:43:00	0.2000						
1057	7	Dittmar	Acid PH3	Acid PH3	26	SO2	GRO.SurfaceSample.Dittmar.SO2	08-07-2024 04:43:00	0.2000						
1058	1	Carey	Acid PH3	Acid PH3	27	CO2	GRO.SurfaceSample.Carey.CO2	08-07-2024 23:15:00	0.2000						
1058	2	Carey	Acid PH3	Acid PH3	28	BkT	GRO.SurfaceSample.Carey.BkT	08-07-2024 23:15:00	0.2000						
1058	3	Carey	Acid PH3	Acid PH3	29	I3	GRO.SurfaceSample.Carey.I3	08-07-2024 23:15:00	0.2000						
1058	4	Carey	Acid PH3	Acid PH3	30	I3	GRO.SurfaceSample.Carey.I3	08-07-2024 23:15:00	0.2000						
1058	5	Carey	Acid PH3	Acid PH3	31	NO5	GRO.SurfaceSample.Carey.NO5	08-07-2024 23:15:00	0.2000						
1058	6	Carey	Acid PH3	Acid PH3	32	SO2	GRO.SurfaceSample.Carey.SO2	08-07-2024 23:15:00	0.2000						
1059	1	Tower	Acid PH3	Acid PH3	33	CO2	GRO.SurfaceSample.Tower.CO2	08-07-2024 04:43:00	0.2000						
1059	2	Tower	Acid PH3	Acid PH3	34	BkT	GRO.SurfaceSample.Tower.BkT	08-07-2024 04:43:00	0.2000						
1059	3	Tower	Acid PH3	Acid PH3	35	I3	GRO.SurfaceSample.Tower.I3	08-07-2024 04:43:00	0.2000						
1059	4	Tower	Acid PH3	Acid PH3	36	I3	GRO.SurfaceSample.Tower.I3	08-07-2024 04:43:00	0.2000						
1059	5	Tower	Acid PH3	Acid PH3	37	CO	GRO.SurfaceSample.Tower.CO	08-07-2024 04:43:00	0.2000						
1059	6	Tower	Acid PH3	Acid PH3	38	SO2	GRO.SurfaceSample.Tower.SO2	08-07-2024 04:43:00	0.2000						
1059	7	Tower	Acid PH3	Acid PH3	39	SO2	GRO.SurfaceSample.Tower.SO2	08-07-2024 04:43:00	0.2000						
1060	1	Square	Acid PH3	Acid PH3	40	Z33	GRO.SurfaceSample.Square.Z33	08-07-2024 23:15:00	0.2000						
1060	2	Square	Acid PH3	Acid PH3	41	Z44	GRO.SurfaceSample.Square.Z44	08-07-2024 23:15:00	0.2000						
1060	3	Square	Acid PH3	Acid PH3	42	Z44	GRO.SurfaceSample.Square.Z44	08-07-2024 23:15:00	0.2000						
1060	4	Square	Acid PH3	Acid PH3	43	I3	GRO.SurfaceSample.Square.I3	08-07-2024 23:15:00	0.2000						
1060	5	Square	Acid PH3	Acid PH3	44	I3	GRO.SurfaceSample.Square.I3	08-07-2024 23:15:00	0.2000						
1060	6	Square	Acid PH3	Acid PH3	45	NO5	GRO.SurfaceSample.Square.NO5	08-07-2024 23:15:00	0.2000						
1060	7	Square	Acid PH3	Acid PH3	46	SO2	GRO.SurfaceSample.Square.SO2	08-07-2024 23:15:00	0.2000						
1061	1	Utah	Acid PH3	Acid PH3	47	Z33	GRO.SurfaceSample.Utah.Z33	08-07-2024 04:43:00	0.2000						
1061	2	Utah	Acid PH3	Acid PH3	48	BkT	GRO.SurfaceSample.Utah.BkT	08-07-2024 04:43:00	0.2000						
1061	3	Utah	Acid PH3	Acid PH3	49	CH4	GRO.SurfaceSample.Utah.CH4	08-07-2024 04:43:00	0.2000						
1061	4	Utah	Acid PH3	Acid PH3	50	I3	GRO.SurfaceSample.Utah.I3	08-07-2024 04:43:00	0.2000						
1061	5	Utah	Acid PH3	Acid PH3	51	I3	GRO.SurfaceSample.Utah.I3	08-07-2024 04:43:00	0.2000						
1061	6	Utah	Acid PH3	Acid PH3	52	NO5	GRO.SurfaceSample.Utah.NO5	08-07-2024 04:43:00	0.2000						
1061	7	Utah	Acid PH3	Acid PH3	53	SO2	GRO.SurfaceSample.Utah.SO2	08-07-2024 04:43:00	0.2000						
1062	1	Dittmar	Acid PH3	Acid PH3	54	Z33	GRO.SurfaceSample.Dittmar.Z33	08-07-2024 23:15:00	0.2000						
1062	2	Dittmar	Acid PH3	Acid PH3	55	BkT	GRO.SurfaceSample.Dittmar.BkT	08-07-2024 23:15:00	0.2000						
1062	3	Dittmar	Acid PH3	Acid PH3	56	CH4	GRO.SurfaceSample.Dittmar.CH4	08-07-2024 23:15:00	0.2000						
1062	4	Dittmar	Acid PH3	Acid PH3	57	CO	GRO.SurfaceSample.Dittmar.CO	08-07-2024 23:15:00	0.2000						
1062	5	Dittmar	Acid PH3	Acid PH3	58	CO	GRO.SurfaceSample.Dittmar.CO	08-07-2024 23:15:00	0.2000						
1062	6	Dittmar	Acid PH3	Acid PH3	59	NO5	GRO.SurfaceSample.Dittmar.NO5	08-07-2024 23:15:00	0.2000						
1062	7	Dittmar	Acid PH3	Acid PH3	60	SO2	GRO.SurfaceSample.Dittmar.SO2	08-07-2024 23:15:00	0.2000						
1063	1	Carey	Acid PH3	Acid PH3	61	CO2	GRO.SurfaceSample.Carey.CO2	08-07-2024 04:43:00	0.2000						
1063	2	Carey	Acid PH3	Acid PH3	62	BkT	GRO.SurfaceSample.Carey.BkT	08-07-2024 04:43:00	0.2000						
1063	3	Carey	Acid PH3	Acid PH3	63	I3	GRO.SurfaceSample.Carey.I3	08-07-2024 04:43:00	0.2000						
1063	4	Carey	Acid PH3	Acid PH3	64	I3	GRO.SurfaceSample.Carey.I3	08-07-2024 04:43:00	0.2000						
1063	5	Carey	Acid PH3	Acid PH3	65	NO5	GRO.SurfaceSample.Carey.NO5	08-07-2024 04:43:00	0.2000						
1063	6	Carey	Acid PH3	Acid PH3	66	SO2	GRO.SurfaceSample.Carey.SO2	08-07-2024 04:43:00	0.2000						
1064	1	Tower	Acid PH3	Acid PH3	67	CO2	GRO.SurfaceSample.Tower.CO2	08-07-2024 23:15:00	0.2000						
1064	2	Tower	Acid PH3	Acid PH3	68	BkT	GRO.SurfaceSample.Tower.BkT	08-07-2024 23:15:00	0.2000						
1064	3	Tower	Acid PH3	Acid PH3	69	I3	GRO.SurfaceSample.Tower.I3	08-07-2024 23:15:00	0.2000						
1064	4	Tower	Acid PH3	Acid PH3	70	I3	GRO.SurfaceSample.Tower.I3	08-07-2024 23:15:00	0.2000						
1064	5	Tower	Acid PH3	Acid PH3	71	CO	GRO.SurfaceSample.Tower.CO	08-07-2024 23:15:00	0.2000						
1064	6	Tower	Acid PH3	Acid PH3	72	SO2	GRO.SurfaceSample.Tower.SO2	08-07-2024 23:15:00	0.2000						
1064	7	Tower	Acid PH3	Acid PH3	73	SO2	GRO.SurfaceSample.Tower.SO2	08-07-2024 23:15:00	0.2000						
1065	1	Square	Acid PH3	Acid PH3	74	Z33	GRO.SurfaceSample.Square.Z33	08-07-2024 23:15:00	0.2000						
1065	2	Square	Acid PH3	Acid PH3	75	Z44	GRO.SurfaceSample.Square.Z44	08-07-2024 23:15:00	0.2000						
1065	3	Square	Acid PH3	Acid PH3	76	Z44	GRO.SurfaceSample.Square.Z44	08-07-2024 23:15:00	0.2000						
1065	4	Square	Acid PH3	Acid PH3	77	I3	GRO.SurfaceSample.Square.I3	08-07-2024 23:15:00	0.2000						
1065	5	Square	Acid PH3	Acid PH3	78	I3	GRO.SurfaceSample.Square.I3	08-07-2024 23:15:00	0.2000						
1065	6	Square	Acid PH3	Acid PH3	79	NO5	GRO.SurfaceSample.Square.NO5	08-07-2024 23:15:00	0.2000						
1065	7	Square	Acid PH3	Acid PH3	80	SO2	GRO.SurfaceSample.Square.SO2	08-07-2024 23:15:00	0.2000						
1066	1	Utah	Acid PH3	Acid PH3	81	Z33	GRO.SurfaceSample.Utah.Z33	08-07-2024 04:43:00	0.2000						
1066	2	Utah	Acid PH3	Acid PH3	82	BkT	GRO.SurfaceSample.Utah.BkT	08-07-2024 04:43:00	0.2000						
1066	3	Utah	Acid PH3	Acid PH3	83	CH4	GRO.SurfaceSample.Utah.CH4	08-07-2024 04:43:00	0.2000						
1066	4	Utah	Acid PH3	Acid PH3	84	I3	GRO.SurfaceSample.Utah.I3	08-07-2024 04:43:00	0.2000						
1066	5	Utah	Acid PH3	Acid PH3	85	I3	GRO.SurfaceSample.Utah.I3	08-07-2024 04:43:00	0.2000						
1066	6	Utah	Acid PH3	Acid PH3	86	NO5	GRO.SurfaceSample.Utah.NO5	08-07-2024 04:43:00	0.2000						
1066	7	Utah	Acid PH3	Acid PH3	87	SO2	GRO.SurfaceSample.Utah.SO2	08-07-2024 04:43:00	0.2000						
1067	1	Dittmar	Acid PH3	Acid PH3	88	Z33	GRO.SurfaceSample.Dittmar.Z33	08-07-2024 23:15:00	0.2000						
1067	2	Dittmar	Acid PH3	Acid PH3	89	BkT	GRO.SurfaceSample.Dittmar.BkT	08-07-2024 23:15:00	0.2000						
1067	3	Dittmar	Acid PH3	Acid PH3	90	CH4	GRO.SurfaceSample.Dittmar.CH4	08-07-2024 23:15:00	0.2000						
1067	4	Dittmar	Acid PH3	Acid PH3	91	CO	GRO.SurfaceSample.Dittmar.CO	08-07-2024 23:15:00	0.2000						
1067	5	Dittmar	Acid PH3	Acid PH3	92	CO	GRO.SurfaceSample.Dittmar.CO	08-07-2024 23:15:00	0.2000						
1067	6	Dittmar	Acid PH3	Acid PH3	93	NO5	GRO.SurfaceSample.Dittmar.NO5	08-07-2024 23:15:00	0.2000						
1067	7	Dittmar	Acid PH3	Acid PH3	94	SO2	GRO.SurfaceSample.Dittmar.SO2	08-07-2024 23:15:00	0.2000						
1068	1	1	1	1	1	CO2	GRO.SurfaceSample.1.CO2	00-01-1900 00:00:00		0					
1068	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00		0					
1068	3	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00		0.200					
1068	4	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00		0					
1068	5	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00		0					
1068	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1068	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1069	1	1	1	1	1	Z33	GRO.SurfaceSample.1.Z33	00-01-1900 00:00:00							
1069	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1069	3	1	1	1	1	CH4	GRO.SurfaceSample.1.CH4	00-01-1900 00:00:00							
1069	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1069	5	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1069	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1069	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1070	1	1	1	1	1	Z33	GRO.SurfaceSample.1.Z33	00-01-1900 00:00:00							
1070	2	1	1	1	1	Z44	GRO.SurfaceSample.1.Z44	00-01-1900 00:00:00							
1070	3	1	1	1	1	Z44	GRO.SurfaceSample.1.Z44	00-01-1900 00:00:00							
1070	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1070	5	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1070	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1070	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1071	1	1	1	1	1	CO2	GRO.SurfaceSample.1.CO2	00-01-1900 00:00:00							
1071	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1071	3	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1071	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1071	5	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00							
1071	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1071	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1072	1	1	1	1	1	Z33	GRO.SurfaceSample.1.Z33	00-01-1900 00:00:00							
1072	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1072	3	1	1	1	1	CH4	GRO.SurfaceSample.1.CH4	00-01-1900 00:00:00							
1072	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1072	5	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00							
1072	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1072	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1073	1	1	1	1	1	CO2	GRO.SurfaceSample.1.CO2	00-01-1900 00:00:00							
1073	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1073	3	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1073	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1073	5	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00							
1073	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1073	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1074	1	1	1	1	1	CO2	GRO.SurfaceSample.1.CO2	00-01-1900 00:00:00							
1074	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1074	3	1	1	1	1	CH4	GRO.SurfaceSample.1.CH4	00-01-1900 00:00:00							
1074	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1074	5	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00							
1074	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1074	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1075	1	1	1	1	1	Z33	GRO.SurfaceSample.1.Z33	00-01-1900 00:00:00							
1075	2	1	1	1	1	Z44	GRO.SurfaceSample.1.Z44	00-01-1900 00:00:00							
1075	3	1	1	1	1	CH4	GRO.SurfaceSample.1.CH4	00-01-1900 00:00:00							
1075	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1075	5	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1075	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1075	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1076	1	1	1	1	1	CO2	GRO.SurfaceSample.1.CO2	00-01-1900 00:00:00							
1076	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1076	3	1	1	1	1	CH4	GRO.SurfaceSample.1.CH4	00-01-1900 00:00:00							
1076	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1076	5	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00							
1076	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1076	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1077	1	1	1	1	1	Z33	GRO.SurfaceSample.1.Z33	00-01-1900 00:00:00							
1077	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1077	3	1	1	1	1	CH4	GRO.SurfaceSample.1.CH4	00-01-1900 00:00:00							
1077	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1077	5	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00							
1077	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1077	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1078	1	1	1	1	1	Z33	GRO.SurfaceSample.1.Z33	00-01-1900 00:00:00							
1078	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1078	3	1	1	1	1	CH4	GRO.SurfaceSample.1.CH4	00-01-1900 00:00:00							
1078	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1078	5	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00							
1078	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1078	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1079	1	1	1	1	1	Z33	GRO.SurfaceSample.1.Z33	00-01-1900 00:00:00							
1079	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1079	3	1	1	1	1	CH4	GRO.SurfaceSample.1.CH4	00-01-1900 00:00:00							
1079	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1079	5	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1079	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1079	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1080	1	1	1	1	1	Z33	GRO.SurfaceSample.1.Z33	00-01-1900 00:00:00							
1080	2	1	1	1	1	Z44	GRO.SurfaceSample.1.Z44	00-01-1900 00:00:00							
1080	3	1	1	1	1	Z44	GRO.SurfaceSample.1.Z44	00-01-1900 00:00:00							
1080	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1080	5	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1080	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1080	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1081	1	1	1	1	1	CO2	GRO.SurfaceSample.1.CO2	00-01-1900 00:00:00							
1081	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1081	3	1	1	1	1	CH4	GRO.SurfaceSample.1.CH4	00-01-1900 00:00:00							
1081	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1081	5	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00							
1081	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1081	7	1	1	1	1	SO2	GRO.SurfaceSample.1.SO2	00-01-1900 00:00:00							
1082	1	1	1	1	1	Z33	GRO.SurfaceSample.1.Z33	00-01-1900 00:00:00							
1082	2	1	1	1	1	BkT	GRO.SurfaceSample.1.BkT	00-01-1900 00:00:00							
1082	3	1	1	1	1	CH4	GRO.SurfaceSample.1.CH4	00-01-1900 00:00:00							
1082	4	1	1	1	1	I3	GRO.SurfaceSample.1.I3	00-01-1900 00:00:00							
1082	5	1	1	1	1	CO	GRO.SurfaceSample.1.CO	00-01-1900 00:00:00							
1082	6	1	1	1	1	NO5	GRO.SurfaceSample.1.NO5	00-01-1900 00:00:00							
1082	7	1

1	test Pink	0262
2	test Pink	9647
3	test Pink	0144
4	test Pink	131
5	test Pink	123
6	test Pink	1233
7	test Pink	5432
1	test Pink	1532
2	test Pink	9647
3	test Pink	1344
4	test Pink	132
5	test Pink	1231
6	test Pink	1435
7	test Pink	5321
1	test Pink	9647
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3	test Pink	132
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5	test Pink	5321

		Bird Pitch	0E
		Bird Pitch	C0
		Bird Pitch	1A3
		Bird Pitch	5D3
		Bird Pitch	1D2D
		Bird Pitch	8A7
		Bird Pitch	1A4
		Bird Pitch	D2
		Bird Pitch	C1
		Bird Pitch	4D5
		Bird Pitch	93D
		Bird Pitch	3D2D
		Bird Pitch	B2F
		Bird Pitch	C4A
		Bird Pitch	12C
		Bird Pitch	1D1
		Bird Pitch	5D2
		Bird Pitch	1D2D
		Bird Pitch	1A4
		Bird Pitch	D2
		Bird Pitch	C0
		Bird Pitch	4D5
		Bird Pitch	93D
		Bird Pitch	1D2D
		Bird Pitch	8A7
		Bird Pitch	D2
		Bird Pitch	C0
		Bird Pitch	5D2
		Bird Pitch	1D2D
		Bird Pitch	1A4
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		Bird Pitch	4D5
		Bird Pitch	93D
		Bird Pitch	3D2D
		Bird Pitch	B2F
		Bird Pitch	C4A
		Bird Pitch	12C
		Bird Pitch	1D1
		Bird Pitch	5D2
		Bird Pitch	1D2D
		Bird Pitch	1A4
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		Bird Pitch	93D
		Bird Pitch	1D2D
		Bird Pitch	8A7
		Bird Pitch	D2
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		Red Pink	3A51
		Red Pink	3152
		Red Pink	3A4
		Red Pink	3A4
		Red Pink	151
		Red Pink	3A4
		Red Pink	1A5
		Red Pink	3153
		Red Pink	1A5
		Red Pink	3A7
		Red Pink	2A4
		Red Pink	3A4
		Red Pink	121
		Red Pink	4151
		Red Pink	3152
		Red Pink	3152
		Red Pink	3A4
		Red Pink	151
		Red Pink	1A5
		Red Pink	3153
		Red Pink	3A7
		Red Pink	151
		Red Pink	151
		Red Pink	5A3
		Red Pink	2153
		Red Pink	3A4
		Red Pink	151
		Red Pink	1A5
		Red Pink	3152
		Red Pink	3A4
		Red Pink	151
		Red Pink	1A5
		Red Pink	3153
		Red Pink	3A7
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3		Red Pitt C44
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CO2		Add to list tab if not here	Add to list tab if not here
IBUT	Drager	Camp	
CH4	MSA Altair XR Black	Dittman	
O2	MSA Altair XR Orange	Square	
CO	XAM7000	Tower	
H2S	A4X	Utah	
SO2	Ibrid MX6		



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Date : 8/07/2024 10:02:56 AM
From : "Naomi Camilleri"
To : "David Wainwright" david.wainwright@des.qld.gov.au
Cc : "Tony Baker" Tony.Baker@des.qld.gov.au, "Cate Puschmann" Cate.Puschmann@des.qld.gov.au, "Don Neale" don.neale@des.qld.gov.au, "Melissa Wells" Melissa.Wells@des.qld.gov.au, "CW ES_Mackay" CWES_Mackay@des.qld.gov.au
Subject : FW: C-CPLRC-100678894/ STAT-E-100678956 Emergency Direction Notice issued to Moranbah North Coal Pty Ltd.
Attachment : Letter to DESI 6 July 2024 - Requirements 1 and 7 of Directive.pdf;Grosvenor atmospherics July 2024.xlsx;QMRS Town Data Including 05072024.pdf;Grosvenor atmospherics July 2024.xlsx;image001.png;image003.png;image005.png;

OFFICIAL

Good morning David

In Don's absence, the department has received the attached air monitoring data from Anglo in response to an Emergency Direction Notice issued last week.

Can you/your team please assist with reviewing this data and providing advice? I note the following which requires clarification from Anglo (I will progress this):

1. The photos in the PDF titled *QMRS Town Data Including 05072024* are not legible. I will request the original photos be provided, rather than embedded on a PDF so that we can cross check these with the results provided in the tables/spreadsheets.
2. Confirmation on what the numbers 'typed' into the tables in the PDF titled *QMRS Town Data Including 05072024* are (e.g. are they examples on how to complete the tables, or actual results).

Please don't hesitate to give me a call if you would like to discuss.

Thanks
Naomi

Naomi Camilleri
A/Compliance Delivery Manager
Mackay Compliance Centre I Coal and Central Compliance
Department of Environment, Science and Innovation

P 07 4999 6888
M Contrary to public
PO Box 2001 Mackay QLD 4740

From: h4 Contrary to public interest@angloamerican.com>
Sent: Saturday, July 6, 2024 11:38 AM
To: Cate Puschmann
Cc: Melissa Wells; Tony Baker; Naomi Camilleri; CW ES_Mackay Contrary to public
Subject: RE: C-CPLRC-100678894/ STAT-E-100678956 Emergency Direction Notice issued to Moranbah North Coal Pty Ltd.

Caution: this message came from outside of the organisation.
Be careful before clicking any link or attachment.

[OFFICIAL]

Hi Cate,

Please see attached response to requirements 1 & 7 of the Emergency Direction Notice.

We will be in contact on Monday to update on progress for the other matters.

Thanks for the Departments assistance to date.

Cheers,

Contrary to publi D+61 (7) 3834 1525 M+61 Contrary to public

From: Cate Puschmann <Cate.Puschmann@des.qld.gov.au>
Sent: Friday, 5 July 2024 10:25 AM
To: F h4 Contrary to public interest@angloamerican.com>; h4 Contrary to public interest angloamerican.com>
Cc: Melissa Wells <Melissa.Wells@des.qld.gov.au>; Tony Baker <Tony.Baker@des.qld.gov.au>; Naomi Camilleri <Naomi.Camilleri@des.qld.gov.au>
Subject: C-CPLRC-100678894/ STAT-E-100678956 Emergency Direction Notice issued to Moranbah North Coal Pty Ltd.

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This message is from an EXTERNAL SENDER - be CAUTIOUS, particularly with links and attachments.

OFFICIAL

OFFICIAL

Hello ontrary to public

As discussed with Melissa, please find attached an Emergency Direction Notice issued to Moranbah North Coal Pty Ltd.

If you have any questions regarding this Emergency Direction Notice, please feel free to contact myself or Naomi.

Kind regards

Cate Puschmann
Acting Manager (Compliance)
Business Centre Coal – Coal and Central Compliance
Department of Environment, Science and Innovation
P 07 4302 8589
E cate.puschmann@des.qld.gov.au
Queensland Government

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STEELMAKING COAL
BRISBANE CORPORATE OFFICE
Level 11
201 Charlotte Street
Brisbane QLD 4000
Australia

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6 July 2024

Cate Puschmann
A/Manager Compliance
Department of Environment, Science and Innovation

By email: *widebay.esr@des.qld.gov.au*

Dear Ms Puschmann

Emergency Direction Notice – 5 July 2024 – Requirements 1 and 7

We refer to emergency direction notice C-CPLRC-100678894/STAT-E-100678956, issued to Moranbah North Coal Pty Ltd under section 467 of the *Environmental Protection Act 1994* (Qld) on 5 July 2024 (**Notice**).

Requirement 1

In satisfaction of requirement 1 of the Notice:

- we confirm that Queensland Mine Rescue Service (**QMRS**) has undertaken ambient air quality monitoring between 2 July 2024 and 5 July 2024;
- **attached** is an Excel document containing collated data collected by QMRS as part of this monitoring program. We confirm that this is the same Excel document that was provided to the Department by Tim Jackson, Chief Executive Officer of QMRS on 5 July 2024 at 8:36am. This spreadsheet contains the QMRS monitoring data for 2 – 4 July 2024. For completeness, it appears that the data contained in the tab labelled '7th July' may be a replication of the data from 2 July 2024;
- additionally, **attached** is a further Excel document received from QMRS on 6 July 2024, showing monitoring data collected by QMRS on 5 July 2024 (in addition to the monitoring data for 2 – 4 July); and
- **attached** is a PDF document containing a copy of handwritten monitoring data for 2 – 5 July 2024 and photographs of the monitoring equipment used by QMRS.

Anglo American has expressed its gratitude to QMRS for its assistance with community air quality monitoring at very short notice, as this has provided third-party monitoring data to supplement the Department's existing monitoring stations in the community.

As the Department may appreciate, Inspectors from Resources Safety and Health Queensland (**RSHQ**) have been on site since Saturday, 29 June 2024, on a rotating 24/7 roster. Since that date, work and conditions on site have been under the supervision of RSHQ whose functions include administering the resources safety acts and protecting the safety and health of persons in the resources industry.

We otherwise confirm that:

- Simtars is not undertaking any ambient air quality monitoring in relation to the incident – its involvement is limited to analysing bag samples from the gas chromatograph underground; and
- no further ambient air quality monitoring is planned to be undertaken by QMRS; and
- we are not aware of any other ambient air quality monitoring programs being undertaken by other responding agencies.

Requirement 7

Noting that the QMRS monitoring is now complete, and no other agencies are conducting ambient air quality monitoring programs, we do not expect it to be necessary to provide the Department with additional monitoring data pursuant to requirement 7 of the Notice. If this changes, relevant data will be provided in accordance with this requirement.

We appreciate the Departments ongoing support and understanding during this incident.

If you have any questions or would like to discuss this letter, please contact me on the details below.

Yours faithfully

sch4 Contrary to public interest

Environmental Manager
T: +61 Contrary to public in
E: ntrary to public angloamerican.com
www.angloamerican.com

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QMRS 02/07/2024

Location	Date	Time	O2	NO2	H2S	CO	CH4	CO2	Benzene	Toluene	Xylene	EthylBenz	Other
Town Square	2/7/24	14:10	–	–	–	–	–	–	0.00	0.00	0.00	0.00	Acroline -0.00 Phosphere -0.00
Mills St- Hospital	2/7/24	14:18	–	–	–	–	–	–	0.00	0.00	0.00	0.00	Acroline -0.00 Phosphere -0.00
Grosvenor Estate- Ottman Drive	2/7/24	14:25	–	–	–	–	–	–	0.00	0.00	0.00	0.00	Acroline -0.00 Phosphere -0.00
Grosvenor village	2/7/24	14:30	–	–	–	–	–	–	0.00	0.00	0.00	0.00	Acroline -0.00 Phosphine -0.00
Edge of mine - Free yard	2/7/24	14:37	–	–	–	–	–	–	0.00	0.00	0.00	0.00	Acroline -0.00 Phosphere -0.00

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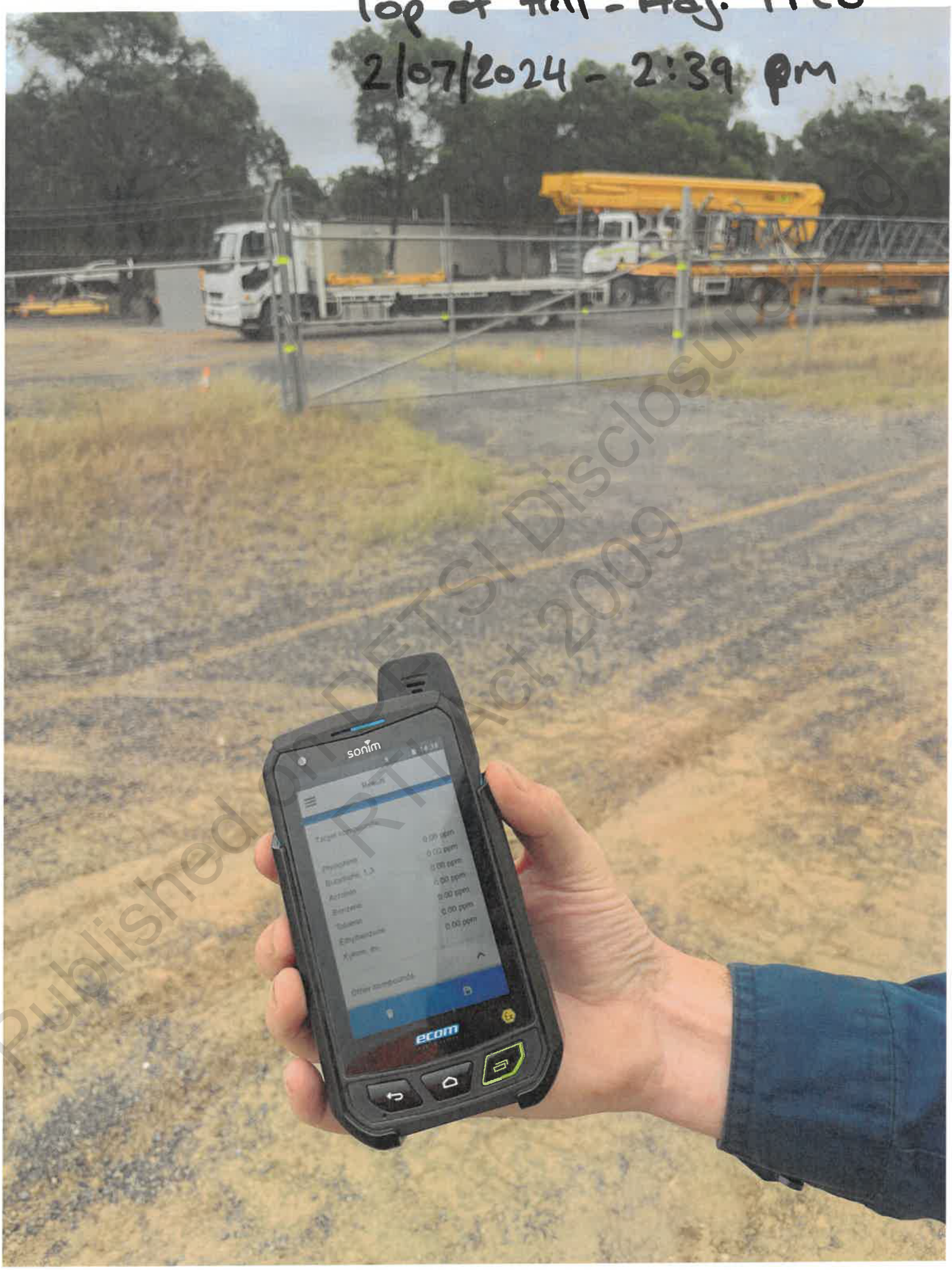
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QMRS 03/07/2024

Location	Date	Time	O2	NO2	H2S	CO	CH4	CO2	Benzene	Toluene	Xylene	EthylBenz	Acroline	Phosphene	SO2	PID
Hospital	3/7	14:46		3ppm	10ppm	30ppm	-	12500	1ppm	50	80	100	0.1ppm	0.3ppm	2	
		↓	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00
Town Square	3/7	14:51	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00
Anglo Estate	3/7	14:57	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00
Adj Freo Yard	3/7	15:07	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.13	-	0.0

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Moranbah Hospital
3/07/2024
2:42 PM
HUTCHIES
MODULAR
Dräger
Tested
Passed
June 2021
sonim
Dräger
ecom

Release



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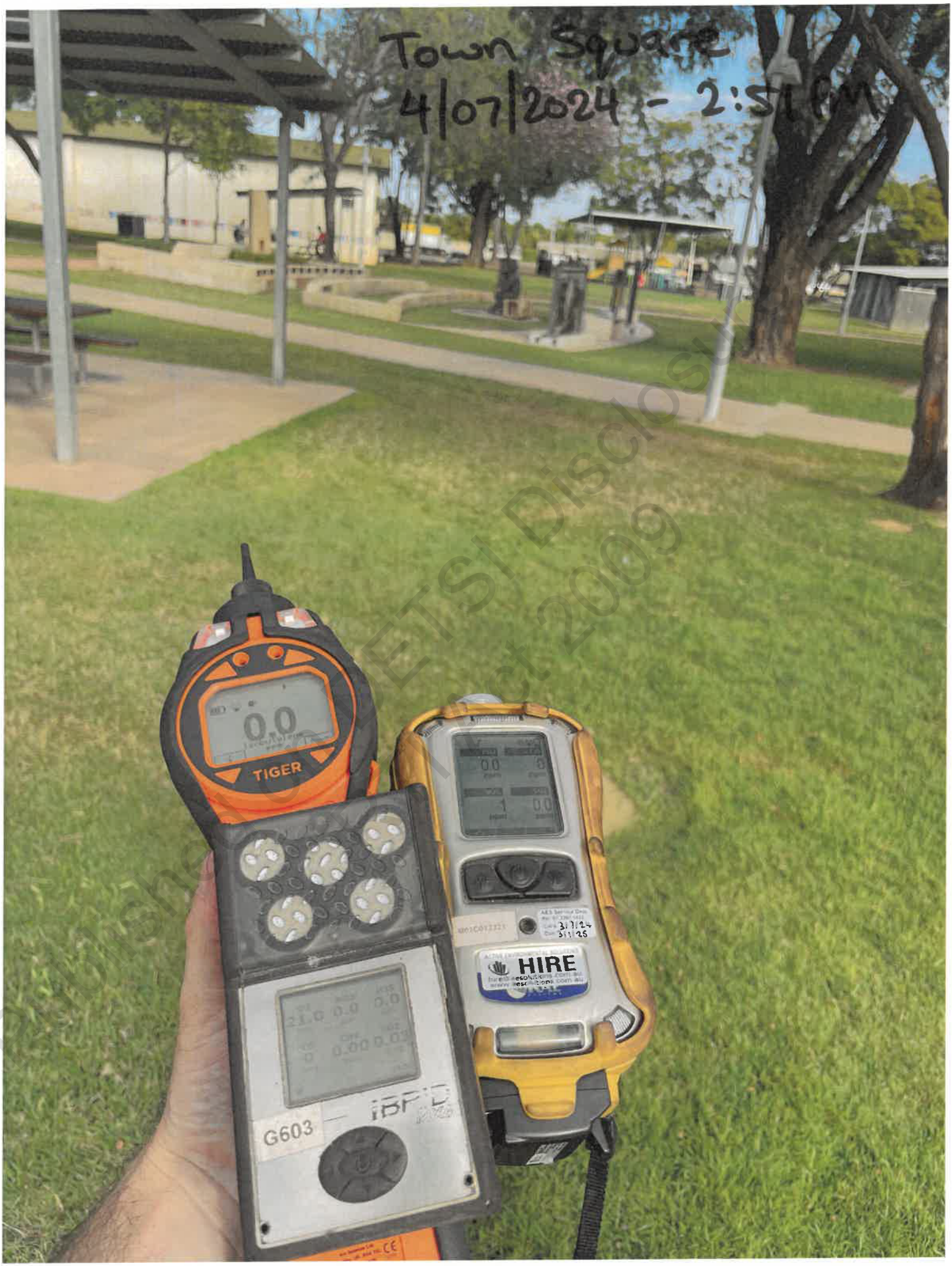
Release

GMRS 03/07/2024

Location	Date	Time	O2	NO2	H2S	CO	CH4	CO2	Benzene	Toluene	Xylene	EthylBenz	Acroline	Phosphene	SO2	PID
				3ppm	10ppm	30ppm	-	12500	1ppm	50	80	100	0.1ppm	0.3ppm	2	
Town Square	4/7/24	2:50	21.0	0.0	0.0	0	0.0	0.0	–	–	–	–	–	0	0	0.0
Grosvenor Estate	4/7/24	2:57	21.0	0.0	0.0	0	0.0	0.0	–	–	–	–	–	0	0	0.0
Grosvenor Village	4/7/24	15:02	21.0	0.0	0.0	0	0.0	0.0	–	–	–	–	–	0	0	0.0
Top of hill	4/7/24	3:07	21.0	0.0	0.0	0	0.0	0.0	–	–	–	–	–	0	0	0.0

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Public Interest Disclosure Act 2009


Grosvenor Village
4/07/2024 - 3:01 PM
TIGER
A
B
Esc
ION
T-119686
Datalogging
PhoCheck TIGER
HIRE
hire@aesolutions.com.au
www.aesolutions.com.au
AES Service Dept
Cal'd 3/7/24
Due 3/1/25
G603
iBRID

Release



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Top of Hill - Adj. Freo
4/07/2024 - 3:06PM
TIGER
0.0
Isobutylene
ppm
A
B
Esc
ION
HIRE
hire@aesolutions.com.au
www.aesolutions.com.au
AES Service Dept
Ph: 07 3267 1433
Cal'd: 3/7/24
Due: 3/1/25
G603
iBRID

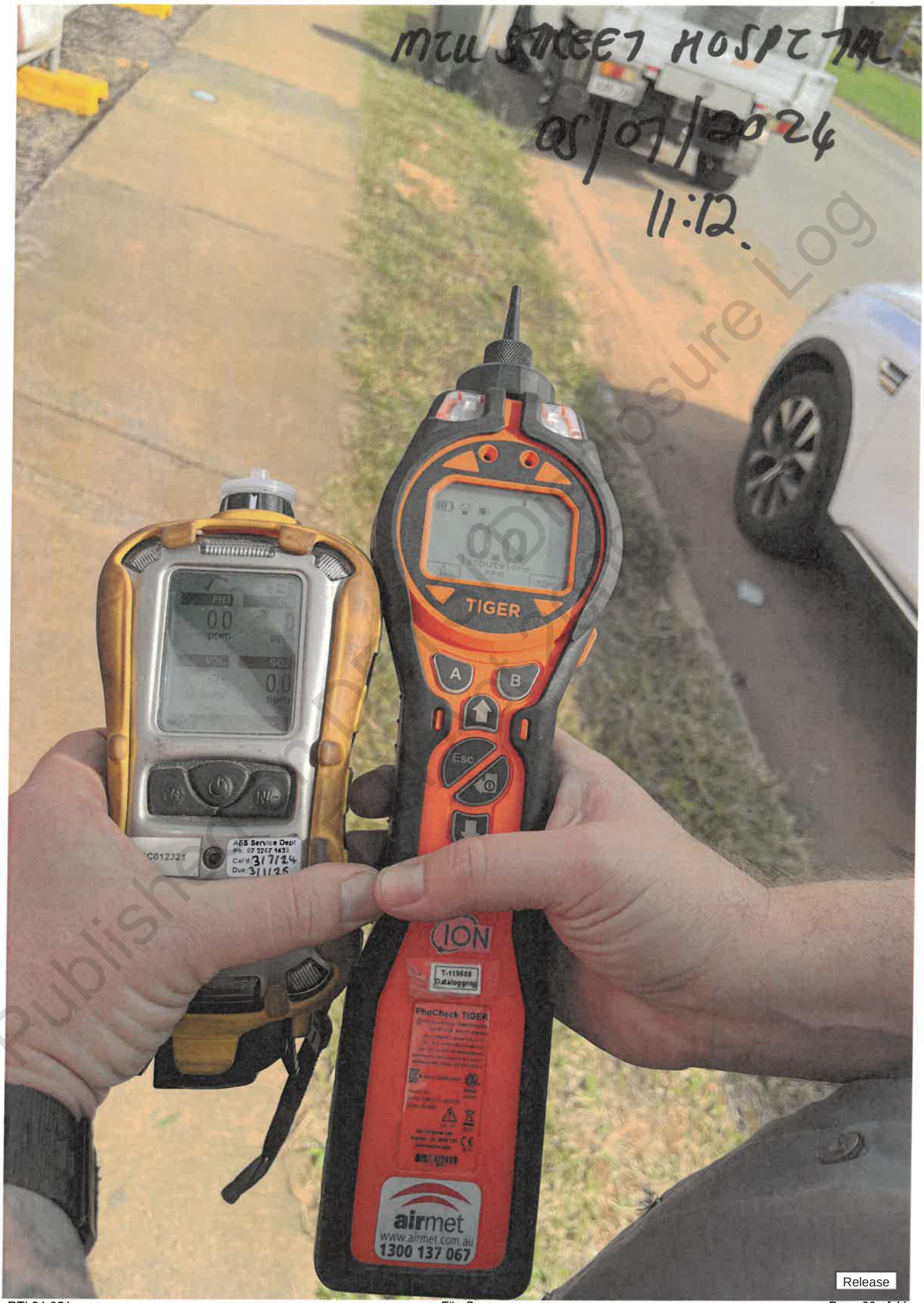
Release

GMES : sch4 Contrary to public interest · 05/07/2024 [OFFICIAL]

Truck

Position	Location	GPS Coordinates	Date	Time	O2	NO2	H2S	CO	CH4	CO2	Benzene	Toluene	Xylene	EthylBenz	Acroline	Phosphene	SO2	PID	
						3ppm	10ppm	30ppm	-	12500	1ppm	50	80	100	0.1ppm	0.3ppm	2		
1	MILLS ST HOSPITAL	—	05/07/24	11:12												0,00	0,00	0,00	0,00
2	TOWN SQUARE	—	05/07/24	11:20												0,00	0,00	0,00	0,00
3	GROSVENOR ESTATE DOTTMANN DRIVE	—	05/07/24	11:28												0,00	0,00	0,00	0,00
4	EDGEOFMINE FREEWAY	—	05/07/24	11:34												0,00	0,00	0,00	0,00

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