

Date/ Time Received	Category	Brief Description of Complaint
05/01/2019,8.58pm	Dust	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 5 minute average wind speed of 1.1 m/s and wind direction of 311 degrees NW. The sound file from realtime noise monitor MP 2/3 recorded at the time of the complainant was reviewed. Low frequency mine noise, train noise, bird calls and traffic on nearby roads was audible at the time of the complaint however there were no significant peaks in the sound file. No alarms were triggered and there were no exceedances.
04/02/2019,11.02am	Dust	Complaint received by the EPA and communicated to the Environment Superintendent. Discussed dust coming from the coal stockpiling operation. Video footage was provided. No real time response alarms were triggered at the time of the complaint. MACH Energy is committed to minimising the air quality impacts of the development and modifying and/or stopping operations on site to ensure compliance with relevant conditions of DA92/97 and EPL 20850.
06/02/2019,6.50pm	Dust	Complaint received via Community Hotline to the External Relations Manager. The complainant understands the dust is caused by all local mines, however, is concerned about the cumulative impacts on his health. The complainant thanked Mount Pleasant for their efforts to date to mitigate dust, he can see the difference we are making.
07/02/2019,1.22pm	Blasting	Complaint received via Community Hotline. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 145 degrees south east with a 1 hourly rolling wind speed of 2.5m/s. Blast emissions produced no fume. All post blase emissions dispersed within the MPO's consent boundary to the North West - away from Muswellbrook. No dust alarms were received and all dust monitors were within compliance limits.
07/02/2019,3.47pm	Blasting	Complaint received by the EPA and communicated to the Environment Superintendent. Discussed blast fume. Observations, video and monitoring confirmed that the blast had a fume rating os zero, and was compliant with conditions of the DA 92/97 and EPL 20850
11/02/2019,8.10pm	Noise	Complaint received via Community Hotline to the External Relations Manager. Discussed noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still conditions with very slight NW wind breeze conditions (0.4 m/s).
12/02/2019,1.31pm	Dust	Complaint received via Community Hotline to the External Relations Manager. Discussed dust. Severe weather conditions were experienced thought out the day, Strong NW Winds were recorded up to 12.7m/s. Poor air quality was recorded by the Upper Hunter Air Quality Monitoring Network across the whole region. As a result of the adverse weather conditions all dust generating activities were suspended for the shift, resulting in 58.6hrs of downtime across both day and night shift. Water carts were hot seated throughout the day to manage windblown dust from disturbed areas.
13/02/2019,1.21pm	Blasting	Complaint received via Community Hotline to the External Relations Manager. Discussed blasting. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 127 degrees south east with a 1 hourly rolling wind speed of 2.2m/s. Blast emissions produced no fume. All post blast emissions dispersed within the MPO's consent boundary to the North West - away from Muswellbrook. All vibration and overpressure monitors were well within the compliance limits
14/02/2019,1.09pm	Blasting	Complaint received via Community Hotline to the External Relations Manager. Discussed blasting. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 127 degrees south east with a 1 hourly rolling wind speed of 2.2m/s. Blast emissions produced no fume. All post blast emissions dispersed within the MPO's consent boundary to the North West - away from Muswellbrook. All vibration and overpressure monitors were well within the compliance limits.
18/02/2019,9.59pm	Lighting	Complaint received via Community Hotline to the External Relations Manager. Discussed lighting. Mining operations are regularly inspected and mining activities are altered to minimise the lighting impacts, these management measures include positioning lighting plants towards the west (away from Muswellbrook). The Pit A dump is currently being reconfigured to allow dumping to occur on a northern dump head, which will assist with light management.
18/02/2019,N/A	Dust	Complaint received by the NSW Planning and Environment and communicated to the Environment Superintendent. Discussed a report alleging during the afternoon, a large dust cloud was over Muswellbrook emanating from the mines surrounding the town, that hung around for hours. Mount Pleasant Operation recorded the predominant wind direction in the afternoon being a north-easterly wind and all air quality monitoring data was within compliance limits. No real-time response alarms were triggered. No blasting was undertaken on this day.
21/02/2019,3.05pm	Blasting	Complaint received via Community Hotline to the External Relations Manager. Discussed blasting. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 129 degrees south east with a 1 hourly rolling wind speed of 6.3m/s. Blast emissions produced no fume. All post blast emissions dispersed within the MPO's consent boundary to the North West - away from Muswellbrook. All vibration and over pressure monitors were well within the compliance limits.
21/02/2019,8.21pm	Lighting	Complaint received via Community Hotline to the External Relations Manager. Discussed lighting impacts. The mining operations are regularly inspected and mining activities altered to minimise the lighting impacts, these management measures include positioning lighting plants towards the west (away from Muswellbrook). The Mining Services Contractor is currently re configuring the Pit A dump to allow dumping to occur on a northern dump head, which will assist with light management.
23/02/2019,11.36am	Water Quality	Complaint received via Community Hotline to the External Relations Manager. Testing is being undertaken at the property. Results concluded that there was no impact on the water quality as a result of mining operations.
27/02/2019,3.24pm	Dust	Complaint received via Community Hotline to the External Relations Manager. Discussed periodical dust coming from Pit D. The Mining operations are regularly inspected and mining activities altered to minimise the generation and movement of dust, these management measures included: prioritising water carts to frequently trafficked roads and working areas, making operational changes to dust generating activities including the shutdown of activities. Operations were reviewed at the time of the complaint. Four watercarts were in operation. The 1 hourly wind direction at A-PF4 recorded at 3pm was 83 degrees NE with a 1 hourly average wind speed of 6.7m/s. All dust monitors and the Muswellbrook NW Unit were well within compliance limits.
27/02/2019,12.50pm	Dust	Complaint received by the EPA and communicated to the Environment Superintendent. Discussed an alleged dust plume at the northern end of the Mount Pleasant pit, possibly from dumped material. The wind is not presenting affecting Muswellbrook, bu the complainant was concerned about the potential impact to other areas.
28/02/2019,1.45pm	Blasting	Complaint received via Community Hotline to the External Relations Manager. Discussed impact from blasting, however, the caller could not ascertain the exact time or date of the blast. He thought it might have been the 27th or 28th at either 12.20pm or 1.20pm.
28/02/2019,3.12pm	Blasting	Complaint received by the EPA and communicated to the Environment Superintendent. The EPA asked if Mount pleasant Operation held a blast on the 28th February. The Environment Superintendent informed the EPA that a blast was held at 1.20pm on the 28th February and there were no exceedances.

01/03/2019,12.01pm	Blasting	Complaint received via the Community Hotline. Discussed blasting. The complainant lives on Humphries Street, Muswellbrook approximately 2.5km east of the consent boundary. Pattern 31-33.2.RL_West was fired in Pit D at 1:21pm. At the time of blasting A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 139 degrees south east with a 1 hourly rolling wind speed average of 1.3m/s. Blast emissions produced no fume. All post blast emissions dispersed within the MPO's consent boundary to the North-West away from Muswellbrook. All vibration, over pressure and dust levels were well within compliance limits.
01/03/2019,6.53pm	Dust	Complaint received via the Community Hotline. Discussed dust when travelling west from Muswellbrook. Pre-start meetings highlighted the need to proactively manage dust and minimise dust where possible. The daily dust risk forecast is provided to the Open Cut Examiner (OCE) via email each morning to assist with operational planning and to inform the operations team of the dust risk for the day. The Mining operations are regularly inspected and mining activities altered to minimise the generation and movement of dust, these management measures included: prioritising water carts to frequently trafficked roads and working areas, making operational changes to dust generating activities including the shutdown of activities. The 1 hourly wind direction was approximately 8m/s at 7pm with a 1 hourly rolling wind direction approximately 124 degrees south east. 24 hour rolling average dust levels recorded at 7pm were as follows: AP-F4 14ug/m3, A-PF5 19ug/m3, A-PF2 21ug/m3 and the Muswellbrook NW Unit 25.7ug/m3. This levels were well with the compliance limits of 50ug/m3 at A-PF4, A-PF5 and A-PF2 and 44ug/m3 at the Muswellbrook NW Unit.
11/03/2019,3.09am	Noise	Complaint received via the Community Hotline. Discussed mine noise. MET Conditions at 3:00am were as follows: NW wind with a 1 hourly rolling average of 297 degrees and wind speed of 1.2 m/s. A slight temperature inversion of 0.3 degrees was present. The sound file from realtime noise monitor MP 2/3 (the most representative of the receiver 112) recorded at the time of the complainant was reviewed. Low frequency mine noise was audible at the time of the complaint however there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
17/03/2019,9.02pm	Noise	Complaint received via the Community Hotline. Discussed mine noise. Operations were reviewed at the time the complaint was received by the OCE. Dozers operating on the Pit D dump were directed to use 1st gear only to minimise track noise. Approximately 1 hour later at 9:45pm 2 dozers operating on the west side of the Pit D dump topsoil stripping area were shutdown and 3 dozers topsoil stripping in Pit D were directed to use 1st gear only to minimise track noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still conditions with a 1 hourly average wind speed of 0.5 m/s and wind direction of 68 degrees NE.
17/03/2019,9.08pm	Noise	Complaint received via the Community Hotline. Discussed excess mine noise. There is no condition under the development consent DA 92/97 or the EPL 20850 stating that operations cannot take place on the eastern side of the operation at night. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still conditions with a 1 hourly average wind speed of 0.9 m/s and wind direction of 260 degrees NW.
17/03/2019,9.13pm	Noise	Complaint received via the Community Hotline. Discussed mine noise. Operations were reviewed at the time the complaint was received by the OCE. At 9:45pm 2 dozers operating on the west side of the Pit D dump topsoil stripping area were shutdown and 3 dozers topsoil stripping in Pit D were directed to use 1st gear only to minimise track noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still conditions with a 1 hourly average wind speed of 0.5 m/s and wind direction of 68 degrees NE. The Mining Services Contractor is committed to minimising the noise impacts of the development and modifying operations on site to ensure compliance with relevant conditions of the DA92/97 and EPL 20850.
24/03/2019,10.22pm	Noise	Complaint received via the Community Hotline. Discussed mine noise. No abnormal mine noise was heard. The sound file from the time of the complaint was reviewed. Low frequency mine noise was audible however within compliance limits. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station at 10 pm has a 1 hourly rolling average wind speed of 2.6 m/s and wind direction of 10 degrees north east. A slight temperature inversion of 0.3 degrees was present. The Mining Services Contractor is committed to minimising the noise impacts of the development and modifying operations on site to ensure compliance with relevant conditions of the DA 92/97 and EPL 20850.
25/03/2019,8.37am	Other	Complaint received via the Community Hotline. Discussed a ute departing Mount Pleasant covering the callers vehicle in mud. The External Relations Manager immediately contacted site personal and contractors to ensure vehicle washing stations were in use prior to vehicles leaving site. The issue was also discussed at Tool Boxing meetings throughout the week.
25/03/2019,9.32pm	Noise	Complaint received via the Community Hotline. Discussed mine noise. Mine noise was audible on the sound file recorded prior to the complaint however was within compliance limits. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station had a 1 hourly average wind speed of 3.1 m/s and wind direction of 324 degrees north west. A slight temperature inversion of 0.4 degrees was present. The Mining Services Contractor is committed to minimising the noise impacts of the development and modifying operations on site to ensure compliance with relevant conditions of the DA 92/97 and EPL 20850.
08/04/2019,6.12pm	Lighting	Complaint received directly to the External Relations Manager's mobile phone. Discussed lighting coming from the construction office area car park and shining directly into their home. The External Relations Manager contacted site security to ask for the lighting tower to be turned off. On the 9/04/2019 the lighting tower was relocated to ensure no further impact to the resident.
11/04/2019,6.54pm	Lighting	Complaint received via the Community Hotline. Discussed lighting impacting their residence. No contact details were left with the Call Centre as the caller did not want anyone to call back and discuss. The External Relations Manager discussed lighting with the Mining Services Contractor to confirm all lighting towers were facing the mining operations. This was confirmed.

17/04/2019, 1.09pm	Blasting	Complaint received via SMS to the External Relations Manager's mobile phone. Discussed impact felt by blasting. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 150 degrees south east with a 1 hourly rolling wind speed of 2.5m/s. Blast emissions produced no fume. All post blast emissions dispersed within the Mount Pleasant Operation consent boundary to the North West - away from Muswellbrook. All vibration and overpressure monitors were well within the compliance limits. The External Manager replied to the complainant via SMS, confirming that the complaint had been received.
17/04/2019, 1.08pm	Blasting	Complaint received via SMS to the External Relations Manager's mobile phone. Discussed impact felt by blasting. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 150 degrees south east with a 1 hourly rolling wind speed of 2.5m/s. Blast emissions produced no fume. All post blast emissions dispersed within the Mount Pleasant Operation consent boundary to the North West - away from Muswellbrook. All vibration and overpressure monitors were well within the compliance limits.
17/04/2019, 1.17pm	Blasting	Complaint received via phone call direct to the External Relations Manager's mobile phone. Discussed impact felt from a recent blast at Mount Pleasant. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 150 degrees south east with a 1 hourly rolling wind speed of 2.5m/s. Blast emissions produced no fume. All post blast emissions dispersed within the Mount Pleasant Operation consent boundary to the North West - away from Muswellbrook. All vibration and overpressure monitors were well within the compliance limits.
17/04/2019, 1.23pm	Blasting	Complaint received via the Community Hotline. Discussed impact felt at South Muswellbrook from a recent blast. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 150 degrees south east with a 1 hourly rolling wind speed of 2.5m/s. Blast emissions produced no fume. All post blast emissions dispersed within the Mount Pleasant Operation consent boundary to the North West - away from Muswellbrook. All vibration and overpressure monitors were well within the compliance limits.
17/04/2019, 1.20pm	Blasting	Complaint received via the Community Hotline. Discussed impact felt at South Muswellbrook from a recent blast. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 150 degrees south east with a 1 hourly rolling wind speed of 2.5m/s. Blast emissions produced no fume. All post blast emissions dispersed within the Mount Pleasant Operation consent boundary to the North West - away from Muswellbrook. All vibration and overpressure monitors were well within the compliance limits. The complainant did not leave contact details with the Call Centre, they did not want anyone to call back.
18/04/2019, 11.09am	Noise	Complaint received via the Community Hotline. Discussed noise. All monitors were well within compliance limits. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated moderate wind conditions with a 1 hourly average wind speed of 3.0 m/s and wind direction of 231 degrees NW. A slight temperature inversion of 0.9 degrees was present. The sound file from realtime noise monitor MP 2/3 (the most representative of the receiver 112) recorded at the time of the complainant was reviewed. Low frequency mine noise was audible at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
26/04/2019, 11.23pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated moderate wind conditions with a 1 hourly average wind speed of 3.0 m/s and wind direction of 231 degrees NW. A slight temperature inversion of 0.9 degrees was present. The sound file from realtime noise monitor MP 2/3 (the most representative of the receiver 112) recorded at the time of the complainant was reviewed. Low frequency mine noise was audible at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
26/04/2019, 11.36pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated moderate wind conditions with a 1 hourly average wind speed of 3.0 m/s and wind direction of 231 degrees NW. A slight temperature inversion of 0.9 degrees was present. The sound file from realtime noise monitor MP 2/3 (the most representative of the receiver 112) recorded at the time of the complainant was reviewed. Low frequency mine noise was audible at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
26/04/2019, 11.50pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated moderate wind conditions with a 1 hourly average wind speed of 3.0 m/s and wind direction of 231 degrees NW. A slight temperature inversion of 0.9 degrees was present. The sound file from realtime noise monitor MP 2/3 (the most representative of the receiver 112) recorded at the time of the complainant was reviewed. Low frequency mine noise was audible at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
28/04/2019, 10.51pm	Noise	Complaint received via the Community Hotline. Discussed noise. Immediate Actions: Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 1 hourly average wind speed of 1.2 m/s and wind direction of 305 degrees NW. A slight temperature inversion of 0.7 degrees was present. The sound file from realtime noise monitor MP 2/3 (the most representative of the receiver 112) recorded at the time of the complainant was reviewed. Low frequency mine noise was audible at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.

30/04/2019, 10.25pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 1 hourly average wind speed of 1.0 m/s and wind direction of 355 degrees NW. A slight temperature inversion of 0.5 degrees was present. The sound file from realtime noise monitor MP 2/3 (the most representative of the receiver 121) recorded at the time of the complainant was reviewed. Low frequency mine noise, distant train horns and intermittent dozer clatter in the distance was audible at the time of the complaint, however, there were no significant peaks or reversing beepers heard in the sound file. No alarms were triggered, and there were no exceedances.
02/05/2019, 1.07pm	Blasting	Complaint received via SMS direct to the External Relations Manager. Discussed impact from a recent blast at Mount Pleasant. Pattern 16.1.BR2C was fired in Pit A at 13:06. At the time of blasting, the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 164 degrees south east with a 1 hourly rolling wind speed of 1.5 m/s. All vibration and overpressure monitors were well within the compliance limits 120 DBL and 5 mm/s, respectively.
02/05/2019, 1.13pm	Blasting	Complaint received via phone call direct to the External Relations Manager's mobile phone. Discussed impact felt from a recent blast at Mount Pleasant. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 164 degrees south east with a 1 hourly rolling wind speed of 1.5 m/s. All vibration and overpressure monitors were well within the compliance limits 120 DBL and 5 mm/s, respectively.
03/05/2019, 12.56pm	Blasting	Complaint received via SMS to the External Relations Manager's mobile phone. Pattern 24-26.2.SLOT was fired in Pit B/C at 11:05. At the time of blasting, the A-PF4 meteorological station recorded a 1 hourly rolling wind direction of 328 degrees NW with a 1 hourly rolling wind speed of 4.9 m/s. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL, respectively. No temperature inversion was present with a temperature difference of -0.4 degrees Celsius.
05/05/2019, 12.41pm	Noise	Complaint received via the Community Hotline. Discussed operational noise. Mining activities were undertaken in both Pit A and Pit D. Civil Contractor works were also being undertaken between the Pit D overburden dump and receiver 112's location. The Mount Pleasant noise management (CAT) tool was reviewed the following day. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint. Meteorological conditions registered a wind direction of 316 degrees northwest and a wind speed of 0.4 m/s. No temperature inversion was present.
06/05/2019, 6.44am	Noise	Complaint received direct to the External Relations Manager mobile phone. Discussed noise. At the time of the complaint mining operations were reviewed. Mining activities were undertaken in both Pit A and Pit D. Civil Contractor works were also being undertaken between the Pit D overburden dump and receiver 112's location. The Mount Pleasant noise management (CAT) tool was reviewed the following day. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint. Meteorological conditions registered a wind direction 303 degrees northwest with a wind speed of 0.8 m/s. A slight temperature inversion of 0.8 degrees Celsius.
08/05/2019, 10.24pm	Noise	Complaint received via the Community Hotline. Discussed mine operation noise. Immediate actions resulted in a dozer removed from the Pit D dump and walked into the pit. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 1 hourly average wind speed of 1.4 m/s and wind direction of 271 degrees NW. A Category F temperature inversion was present. The sound file from realtime noise monitor MP 2/3 recorded at the time of the complainant was reviewed, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
08/05/2019, 8.52pm	Noise	Complaint received via the Community Hotline. Discussed mine operation and equipment noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 1 hourly average wind speed of 2.2 m/s and wind direction of 278 degrees NW. A Category F temperature inversion was present. The sound file from realtime noise monitor MP 2/3 recorded at the time of the complainant was reviewed, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances. The External Relations Manager spoke to the complainant about the results.
08/05/2019, 5.54pm	Lighting	Complaint received direct to the External Relations Manager's mobile phone. Discussed a lighting tower facing west and shining directly into the windows of their home. The source of the light was identified as temporary signage and was switched off immediately. The tower was relocated the following morning.
09/05/2019, 1.15pm	Blasting	Complaint received via the Community Hotline. Discussed impact felt from a recent blast. At the time of blasting the A-PF4 meteorological station recorded a 1 hourly average wind direction of 360 degrees N and wind speed of 1.5 m/s. The B-VO2 monitor recorded 1.76 mm/s and 103.4 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL, respectively.
11/05/2019, 9.04pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still to moderate wind conditions with a 1 hourly average wind speed of 2.4 m/s and wind direction of 308 degrees NW. A Category E (slightly stable) temperature inversion was present. The sound file from realtime noise monitor MP 2/3 recorded at the time of the complainant was reviewed and there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
15/05/2019, 3.30am	Noise	Complaint received via the Community Hotline. Discussed noise. Machinery was working in Pit D stripping topsoil, it was shutdown and the topsoil stripping operations were suspended for the rest of the shift. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still to moderate wind conditions with a 1 hourly average wind speed of 1.8 m/s and wind direction of 287 degrees NW. A Category E (slightly stable) temperature inversion was present. The sound file from realtime noise monitor MP 2/3 recorded at the time of the complainant was reviewed and there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
01/06/2019, 2.49am	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still to moderate wind conditions with a 1 hourly average wind speed of 2.1 m/s and wind direction of 283 degrees NW. A Category E (slightly stable) temperature inversion was present. The sound file from realtime noise monitor MP 2/3 recorded at the time of the complainant was reviewed and there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.

03/06/2019,11.40pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated non-licensed conditions due to a high wind with a 5 minute average wind speed of 4.5 m/s and wind direction of 285 degrees NW. The sound file from realtime noise monitor MP 2/3 (the most representative of the receiver 112) recorded at the time of the complainant was reviewed. There were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
08/06/2019,10.00am	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 5 minute average wind speed of 1.1 m/s and wind direction of 311 degrees NW. The sound file from realtime noise monitor MP 2/3 (the most representative of the receiver 203) recorded at the time of the complainant was reviewed. Low frequency mine noise, train going past, bird calls and traffic on nearby roads was audible at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
10/06/2019,10.55am	Noise	Complaint received via the Community Hotline. Discussed dust from Mount Pleasant Operation. The Mining operations are regularly inspected and mining activities altered to minimise the generation and movement of dust, these management measures included: prioritising water carts to frequently trafficked roads and working areas, making operational changes to dust generating activities including the shutdown of activities. The 1 hourly wind direction at A-PF4 recorded at 10am was 308 degrees NW with a low 1 hourly average wind speed of 1.8 m/s. The 24 hour rolling daily average for A-PF2 was 17µg/m³. The 24 hour rolling average for Muswellbrook NW Unit at 10 am was 11.5µg/m³. All dust monitors and the Muswellbrook NW Unit were well within compliance limits.
10/06/2019,3.07am	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still to moderate wind conditions with a 1 Hourly Rolling wind speed of 2.5 m/s and wind direction of 308 degrees NW. A category E (slightly stable) temperature inversion was present. The sound file from realtime noise monitor MP 2/3 (the most representative of the receiver 112) recorded at the time of the complainant was reviewed. Low frequency mine noise and traffic on nearby roads was audible at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
14/06/2019,7.06pm	Parking	Complaint received via the Community Hotline. Discussed vehicles parking on Maitland Street, Muswellbrook. The External Relations Manager (ERM) discussed the situation with the MACH Energy Mount Pleasant Construction Manager. The ERM contacted the complainant to discuss the outcomes.
16/06/2019,9.24pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 5 minute average wind speed of 0.7 m/s and wind direction of 261 degrees SW. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complainant was reviewed, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
16/06/2019,6.47pm	Noise	Complaint received via the Community Hotline. Discussed mine operation noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 1 Hourly Rolling wind speed of 0.3 m/s and wind direction of 205 degrees SW. A category E (slightly stable) temperature inversion was present. The sound graph, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed. There were no significant peaks in the sound graph, no alarms were triggered, and there were no exceedances.
17/06/2019,3.24pm	Blasting	Complaint received via the Community Hotline. Discussed impacts on property from blasting at Mount Pleasant Operation. The External Relations Manager discussed the process to organise an inspection of the property.
18/06/2019,3.51pm	Community	Complaint received via the Community Hotline. Discussed survey pegs located in the property. The External Relations Manager arranged visit the Complainant.
19/06/2019,11.54pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint or after the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still conditions wind conditions with a 1 Hourly Rolling wind speed of 2.4 m/s and wind direction of 313 degrees NW. A category F (moderately stable) temperature inversion was present. The audio file from realtime noise monitor MP 2/3 (the most representative of the receiver 112) recorded at the time the complaint was reviewed. There were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
21/06/2019,4.01pm	Blasting	Complaint received via SMS to the External Relations Manager mobile phone. Discussed blasting. At the time of blasting the A-PF4 meteorological station recorded still wind conditions with a 5 minute average wind speed of 0.3 m/s and wind direction of 140 degrees SE. The B-VO2 monitor (the most representative of the private residence) recorded 1.46 mm/s and 117.3 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL, respectively.
21/06/2019,4.42pm	Blasting	Complaint received via the Community Hotline. Discussed blasting at Mount Pleasant Operation. At the time of blasting the A-PF4 meteorological station recorded still wind conditions with a 5 minute average wind speed of 0.3 m/s and wind direction of 140 degrees SE. The B-VO2 monitor recorded 1.46 mm/s and 117.3 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL, respectively.
21/06/2019,4.08pm	Dust	Complaint received via the Community Hotline. Discussed dust from a blast at the Mount Pleasant Operation. At the time of blasting the A-PF4 meteorological station recorded still wind conditions with a 5 minute average wind speed of 0.3 m/s and wind direction of 140 degrees SE. The blast dust was observed to head in a NW direction (away from Muswellbrook) with the dust fully dispersing in the pit.

21/06/2019,9.53pm	Noise	Complaint received via the Community Hotline. Discussed mine operation noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still to moderate wind conditions with a 5 minute average wind speed of 2.6 m/s and wind direction of 304 degrees NW. The sound file, from realtime noise monitor MP 2/3 (the most representative of the receiver 112), recorded at the time of the complainant was reviewed. There were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
22/06/2019, 10.49pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 5 minute average wind speed of 0.5 m/s and wind direction of 21 degrees NE. The sound file, from realtime noise monitor MP 2/3 (the most representative of the receiver 80a and 79), recorded at the time of the complainant was reviewed, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
23/06/2019, 1.14am	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 5 minute average wind speed of 1 m/s and wind direction of 178 degrees S. The sound file, from realtime noise monitor MP 2/3 (the most representative of the receiver 112), recorded at the time of the complainant was reviewed, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
23/06/2019, 12.34am	Noise	Complaint via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 5 minute average wind speed of 1.6 m/s and wind direction of 329 degrees NW. The sound file, from realtime noise monitor MP 2/3 (the most representative of the receiver 112), recorded at the time of the complainant was reviewed, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
28/06/2019, 10.14pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 5 minute average wind speed of 1.7 m/s and wind direction of 294 degrees NW. There was a G-class (extremely stable) temperature inversion making for non-licensed conditions. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complainant was reviewed, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
29/06/2019, 3.42am	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 5 minute average wind speed of 0.5 m/s and wind direction of 102 degrees. The sound file, from realtime noise monitor MP 2/3 (the most representative of the receiver 112), recorded at the time of the complainant was reviewed, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
30/06/2019, 5.45pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at sites 2/3 and site 4 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still to moderate wind conditions with a 5 minute average wind speed of 2.6 m/s and wind direction of 245 degrees SW. The sound file, from realtime noise monitor MP 2/3 (the most representative of the receiver 112), recorded at the time of the complainant was reviewed, there were no significant peaks in the sound file. No alarms were triggered, and there were no exceedances.
01/07/2019, 8.30pm	Noise	Complaint received via the EPA. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at the time of the complaint or prior to the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still to moderate conditions with a 5 minute average wind speed of 2.5 m/s and wind direction of 287 degrees W. A G-class (extremely stable) temperature inversion was present at 8:30 pm that changed at 9 pm to an F-class (moderately stable) temperature inversion making for non-licensed conditions. An F-class (moderately stable) temperature inversion was present for majority of the night. The sound file, from realtime noise monitor MP 4 (approximately 1.5 km to the south of receiver 161), recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
08/07/2019, 9.25pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 5 minute average wind speed of 1.9 m/s and wind direction of 323 degrees NW. A G-class (extremely stable) temperature inversion was present making for non-licensed conditions. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
08/07/2019, 9.37pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions with a 5 minute average wind speed of 1.4 m/s and wind direction of 310 degrees NW. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
09/07/2019, 3.15pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at the time referred to by the complainant. Wind conditions taken from the A-PF4 meteorological station indicated still wind conditions and a NW wind direction. The sound files, from realtime noise monitor MP 2/3, recorded for the evening on July 8th were reviewed, there were no significant peaks in the sound file. No alarms were triggered.
10/07/2019, 7.11pm	Lighting	Complaint received via the Community Hotline. Discussed lighting coming from the Mount Pleasant Operation. The mining operations are regularly inspected and mining activities altered to minimise the lighting impacts, these management measures include positioning lighting plants towards the west (away from Muswellbrook). At the time of receiving the lighting complaint, the Open Cut Examiner undertook an inspection of the pits and confirmed all lights were pointing towards the west. The positioning of lighting plants was reinforced with the Open Cut Examiner and production crew for future operations.
10/07/2019, 7.57pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated high winds and non-licensed conditions due to a 5 minute average wind speed of 4.1 m/s and wind direction of 279 degrees W. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.

10/07/2019,10.31pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. Wind conditions taken from the A-PF4 meteorological station indicated high winds and non-licensed conditions due to a 5 minute average wind speed of 4.1 m/s and wind direction of 279 degrees W. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
10/07/2019,11.54pm	Noise	Complaint received via the Community Hotline. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. Wind conditions taken from the A-PF4 meteorological station indicated moderate wind conditions with a 5 minute average wind speed of 2.8 m/s and wind direction of 319 degrees NW. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
10/07/2019,11.59pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated moderate wind conditions with a 5 minute average wind speed of 2.7 m/s and wind direction of 317 degrees NW. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
12/07/2019,2.34am	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still to moderate wind conditions due to a 5 minute average wind speed of 2 m/s and wind direction of 24 degrees NE. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
12/07/2019,10.14pm	Noise	Complaint received via SMS to External Relations Manager mobile phone. Discussed noise. No real time noise alarms were triggered at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated high wind conditions with a 5 minute average wind speed of 5.5 m/s and wind direction of 341 degrees N. The high wind made for non-licensed conditions. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
13/07/2019,2.59pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. No real time air alarms were triggered at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated high wind conditions due to a 5 minute average wind speed of 9.5 m/s and wind direction of 259 degrees N. The 24 hour rolling daily average for A-PF2 was 19 µg/m³. The 24 hour rolling average for Muswellbrook NW Unit at 3 pm was 20.9 µg/m³. All dust monitors and the Muswellbrook NW Unit were well within compliance limits.
15/07/2019,5.19pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated high winds and non-licensed conditions due to a 5 minute average wind speed of 3.3 m/s and wind direction of 260 degrees W. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
17/07/2019,9.15am	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. Environmental Monitoring Review: Pattern 19.2.VA was fired in Pit B/C at 9:00:35 am. At the time of blasting the A-PF4 meteorological station recorded still to moderate wind conditions with a 5 minute average wind speed of 1.7 m/s and wind direction of 324 degrees NW. The post blast emissions were observed to head in a SE direction and fully dispersing in the pit. No post blast emissions left the EPL or DA boundary. No other complaints were received.
18/07/2019,8.32pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated moderate wind conditions due to a 5 minute average wind speed of 2.7 m/s and wind direction of 338 degrees N. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
20/07/2019,3.51pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No real time air alarms were triggered at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated non-licensed and high wind conditions due to a 5 minute average wind speed of 3.6 m/s and wind direction of 296 degrees NW. The 24 hour rolling daily average for A-PF2 was 26 µg/m³. The 24 hour rolling average for Muswellbrook NW Unit at 3 pm was 23.5 µg/m³. All dust monitors and the Muswellbrook NW Unit were well within compliance limits.
20/07/2019,1.02pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. No real time air alarms were triggered at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still to moderate wind conditions due to a 5 minute average wind speed of 1.2 m/s and wind direction of 173 degrees S. The 24 hour rolling daily average for A-PF2 was 26 µg/m³. The 24 hour rolling average for Muswellbrook NW Unit at 1 pm was 21.9 µg/m³. All dust monitors and the Muswellbrook NW Unit were well within compliance limits.
21/07/2019,3.58am	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated non-licensed and high wind conditions due to a 5 minute average wind speed of 3.5 m/s and wind direction of 283 degrees NW. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
23/07/2019,9.04pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated non-licensed and high wind conditions due to a 5 minute average wind speed of 6.4 m/s and wind direction of 277 degrees W. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, there were no dozer track movements or significant peaks in the sound file. No alarms were triggered.
25/07/2019,3.07am	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated high wind conditions due to a 5 minute average wind speed of 2.2 m/s and wind direction of 285 degrees W. An F-class (moderately stable) temperature inversion was present making for non-licensed conditions. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, there were no reversing beepers or significant peaks in the sound file. No alarms were triggered.

25/07/2019,4.25pm	Dust	Complaint received via the EPA. Discussed dust from the Mount Pleasant Operation. The Mining operations were regularly inspected, and management measures implemented to minimise the generation and movement of dust. No real time air quality alarms were triggered on the 25th of July. At the time of the complaint, 4:25pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 2.1m/s and 121 degrees South East respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 4:25pm was 27µg/m³ well within the compliance limit of 50µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 4 pm was 28.5µg/m³ with an hourly average wind direction of 145.7 degrees South East, well within the compliance limit of 44 µg/m³.
27/07/2019,9.41am	Lighting	Complaint received directly to the External Relations Manager's mobile phone. Discussed lighting coming from the construction office area car park and shining directly into their home. The External Relations Manager contacted the Construction Manager and the situation was resolved by moving the lighting tower.
28/07/2019,9.15am	Noise	Complaint received directly to the External Relations Manager's mobile phone. Discussed noise. Mining operations are regularly monitored and altered to minimise the impacts from noise. No real time noise alarms were triggered at th time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still to moderate wind conditions due to a 5 minute average wind speed of 1.9 m/s and wind direction of 322 degrees NW. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
29/07/2019,4.15pm	Dust	Complaint received by the EPA. Discused visible dust from the Mount Pleasant Operation. The Mining operations were regularly inspected, and management measures implemented to minimise the generation and movement of dust. No real time air quality alarms were triggered on the 29th of July. At the time of the complaint, at 4pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 2.5m/s and 259 degrees W, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 4pm was 29µg/m³, well within the compliance limit of 50µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 4 pm was 27.2µg/m³ with an hourly average wind direction of 283.8 degrees W, well within the compliance limit of 44 µg/m³.
31/07/2019,6.25pm	Lighting	Complaint received via the Community Hotline. Discussed lighting coming from the north end of the MPO. The External Relations Manager contacted the mining operator and the situation was resolved by moving the lighting tower.
03/08/2019,2.12am	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at the time No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated non-licensed and moderate wind conditions due to a 5 minute average wind speed of 2.3 m/s, wind direction of 293 degrees W and an F-class temperature inversion. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no dozer track movements or significant peaks in the sound file. No alarms were triggered.
03/08/2019,9.06pm	Lighting	Complaint received direct to the External Relations Manager (ERM) mobile phone via SMS. Discussed mine lighting. The ERM communicated the nature of the lighting complaint to the Open Cut Examiner who then reviewed the alignment of the lighting towers ensuring they were aimed away from Muswellbrook.
03/08/2019,9.06pm	Noise	Complaint received direct to the External Relations Manager mobile phone via SMS. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated non-licensed and moderate wind conditions due to a 5 minute average wind speed of 2.3 m/s, wind direction of 343 degrees N and an F-class temperature inversion. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no dozer track movements or significant peaks in the sound file. No alarms were triggered.
06/08/2019,8.24PM	Noise	Complaint received via the Community Hotline. Discussed noise. No realtime noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated high wind conditions due to a 5 minute average wind speed of 2.9 m/s and wind direction of 337 degrees N. An F-class (moderately stable) temperature inversion was present making for non-licensed conditions. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, there were no dozer track movements or significant peaks in the sound file. No alarms were triggered.
06/08/2019,12.51am	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated non-licensed and high wind conditions due to a 5 minute average wind speed of 3.3 m/s and wind direction of 294 degrees W. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no dozer track movements or significant peaks in the sound file. No alarms were triggered.
06/08/2019,3.47pm	Noise	Complaint received via the Community Hotline. Discussed noise. No realtime noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station recorded a 5 minute average wind speed of 2.8 m/s and wind direction of 284 degrees W. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no dozer track movements or significant peaks in the sound file. No alarms were triggered.
08/08/2019,4.19pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. On the 8th of August mining activities were progressively shutdown from approximately 12 pm. Shut conditions as per section O3.4 of the Environmental Protection Licence were triggered at 3pm and operations were shutdown by 4pm, within the specified time period of 1 hour. The shutdown conditions remained in place at the and as a result mining activities were not being undertaken at time of the complaint, 4:19 pm. At the time of the complaint a red alarm was triggered at the compliance monitor A-PF2 and the Muswellbrook NW Unit. The 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 11 m/s and 257 degrees West. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 4 pm was 52 µg/m³, above the compliance limit of 50µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 4 pm was 56 µg/m³ with an hourly average wind direction of 276 degrees West, which triggered the shutdown conditions as per section O3.4 of the Environmental Protection Licence.
08/08/2019,10.32am	Noise	Complaint received direct to the External Relations Mnaager's office phone. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. The sound file, from realtime noise monitor MP 2/3 was reviewed. Low frequency mine noise and bird calls were audible, however, there were no dozer track movements or significant peaks in the sound file. The 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 7.5 m/s and 308 degrees NW respectively, making for non-licenceable conditions.



08/08/2019,3.19pm	Dust	Complaint received direct to the External Relations Manager mobile phone. Discussed dust. On the 8th of August mining activities were progressively shutdown from approximately 12 pm. Shut conditions as per section O3.4 of the Environmental Protection Licence were triggered at 3pm and operations were shutdown by 4pm, within the specified time period of 1 hour. At 3pm just prior to the complaint a red alarm was triggered at the compliance monitor A-PF2 and the Muswellbrook NW Unit. At 3pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 10.9 m/s and 263 degrees West. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 46 µg/m³, within the compliance limit of 50µg/m³. The PM10 24-hour rolling average for Muswellbrook NW Unit at 3 pm was 47.1 µg/m³ with an hourly average wind direction of 281.0 degrees West, which triggered the shutdown conditions as per section O3.4 of the Environmental Protection Licence.
08/08/2019,3.30pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. On the 8th of August mining activities were progressively shutdown from approximately 12 pm. Shut conditions as per section O3.4 of the Environmental Protection Licence were triggered at 3pm and operations were shutdown by 4pm, within the specified time period of 1 hour. At 3pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 10.9 m/s and 263 degrees West. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 46 µg/m³, within the compliance limit of 50µg/m³. The PM10 24-hour rolling average for Muswellbrook NW Unit at 3pm was 47.1 µg/m³ with an hourly average wind direction of 281.0 degrees West, which triggered the shutdown conditions as per section O3.4 of the Environmental Protection Licence.
09/08/2019,12.16pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. On the 9th of August mining activities were shutdown by 11 am. Shut conditions as per section O3.4 of the Environmental Protection Licence were triggered at 10 am and operations were shutdown by 11am, within the specified time period of 1 hour. The shutdown conditions remained in place at the and as a result mining activities were not being undertaken at the time of the complaint, 12:16 pm. At the time of the complaint, a red alarm was triggered at the compliance monitor A-PF2 and the Muswellbrook NW Unit. The 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 11.2 m/s and 289 degrees West. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 12 pm was 51 µg/m³, above the compliance limit of 50µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 12 pm was 65.3 µg/m³ with an hourly average wind direction of 306.9 degrees North West, which triggered the shutdown conditions as per section O3.4 of the Environmental Protection Licence.
09/08/2019,4.59pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. On the 9th of August mining activities were shutdown by 11 am. Shut conditions as per section O3.4 of the Environmental Protection Licence were triggered at 10 am and operations were shutdown by 11am, within the specified time period of 1 hour. The shutdown conditions remained in place to the end of shift as a result mining activities were not being undertaken at the time of the complaint, 4:59 pm. At the time of the complaint, a red alarm was triggered at the compliance monitor A-PF2 and the Muswellbrook NW Unit. The 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 9.0 m/s and 255 degrees West. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 4 pm was 41 µg/m³, below the compliance limit of 50µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 4 pm was 56.0 µg/m³, above the compliant limit of 44 µg/m³, with an hourly average wind direction of 277.8 degrees West, which triggered the shutdown conditions as per section O3.4 of the Environmental Protection Licence.
10/08/2019,10.52am	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. On the 10th of August mining activities were shutdown by 9 am. Shut conditions as per section O3.4 of the Environmental Protection Licence were triggered at 8 am and operations were shutdown by 9am, within the specified time period of 1 hour. The shutdown conditions remained in place until 1pm and as a result mining activities were not being undertaken at the time of the complaint, 10:52 am. At the time of the complaint, a red alarm was triggered at the compliance monitor A-PF2 and the Muswellbrook NW Unit. The 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 9.4 m/s and 262 degrees West. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 10 am was 32 µg/m³, below the compliance limit of 50µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 10 am was 46.5 µg/m³, above the compliance limit of 44µg/m³, with an hourly average wind direction of 279.1 degrees West, which triggered the shutdown conditions as per section O3.4 of the Environmental Protection Licence.
12/08/2019,1.26pm	Blasting	Complaint received direct to the External Relations Manager's mobile phone. Discussed impact from a blast at Mount Pleasant Operation. At the time of blasting the A-PF4 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 3.8 m/s and wind direction of 349 degrees N. The B-VO2 monitor recorded 1.50 mm/s and 115.8 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL, respectively.
14/08/2019,7.41pm	Lighting	Complaint received via the Community Hotline. Discussed lighting from the Mount Pleasant Operation. The mining operations are regularly inspected, and mining activities altered to minimise lighting impacts, these management measures include positioning lighting plants towards the west (away from Muswellbrook). The lighting plant was located at the Pit A topsoil stockpile and was turned off for the rest of the shift.
15/08/2019,11.13am	Dust	Complaint received directly to the Environment Superintendent from the EPA. Discussed dust from the Mount Pleasant Operation. No real time air quality alarms were triggered on the 15th of August. At the time of the complaint, at 9am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 0.4 m/s and 343 degrees N, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 9 am was 27 µg/m³, well within the compliance limit of 50µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 9 am was 19.1 µg/m³ with an hourly average wind direction of 39.0 degrees NE, well within the compliance limit of 44 µg/m³. Very still weather conditions were present at the time of the complaint with a dust haze visible across the Hunter Valley indicating a regional dust event.
18/08/2019,12.01pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No real time air quality alarms were triggered on the 18th of August. At the time of the complaint, at 12 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 0.8 m/s and 198 degrees S, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 12 pm was 24 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 12 pm was 22.9 µg/m³ with an hourly average wind direction of 241.7 degrees SW, within the compliance limit of 44 µg/m³.
18/08/2019,2.11pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No real time air quality alarms were triggered on the 18th of August. At the time of the complaint, at 2 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 0.7 m/s and 252 degrees W, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 2 pm was 24 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 2 pm was 22.9 µg/m³ with an hourly average wind direction of 224.3 degrees SW, within the compliance limit of 44 µg/m³.

18/08/2019,3.20pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No real time air quality alarms were triggered on the 18th of August. At the time of the complaint, at 3 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 0.4 m/s and 116 degrees SE, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 3 pm was 24 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 3 pm was 22.4 µg/m³ with an hourly average wind direction of 356.2 degrees N, within the compliance limit of 44 µg/m³.
18/08/2019,3.59pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No real time air quality alarms were triggered on the 18th of August. At the time of the complaint, at 3 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 0.4 m/s and 116 degrees SE, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 3 pm was 24 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 3 pm was 22.4 µg/m³ with an hourly average wind direction of 356.2 degrees N, within the compliance limit of 44 µg/m³.
18/08/2019,4.42pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No real time air quality alarms were triggered on the 18th of August. At the time of the complaint, at 4 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 4.1 m/s and 301 degrees NW, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 4 pm was 24 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 4 pm was 21.3 µg/m³ with an hourly average wind direction of 336.9 degrees NW, within the compliance limit of 44 µg/m³.
18/08/2019,7.13pm	Dust	Complaint received via the Community Hotline. Discussed mine operation noise. No real time air quality alarms were triggered on the 18th of August. At the time of the complaint, at 7 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 1.8 m/s and 336 degrees NW, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 7 pm was 26 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 7 pm was 20 µg/m³ with an hourly average wind direction of 353.1 degrees N, within the compliance limit of 44 µg/m³.
18/08/2019,7.13pm	Noise	Complaint received via the Community Hotline. Discussed noise from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. The 1 hourly rolling average, from the A-PF2 monitor, for wind speed and wind direction at the time of the complaint was 1.8 m/s and 336 degrees NW, respectively, with a moderately stable (Class F) temperature inversion.
18/08/2019,7.46pm	Noise	Complaint received via the Community Hotline. Discussed noise from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. The 1 hourly rolling average, from the A-PF2 monitor, for wind speed and wind direction at the time of the complaint was 1.8 m/s and 336 degrees NW, respectively, with a moderately stable (Class E) temperature inversion.
18/08/2019,11.01pm	Noise	Complaint received via the Community Hotline. Discussed noise from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. The sound file, from realtime noise monitor MP 2/3 was unable to be reviewed due to a system error on the Sound Science platform. The 1 hourly rolling average, from the A-PF2 monitor, for wind speed and wind direction at the time of the complaint was 3.4 m/s and 333 degrees NW, respectively, with a slightly stable (Class E) temperature inversion.
18/08/2019,11.42am	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No real time air quality alarms were triggered on the 18th of August. At the time of the complaint, at 11 am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 0.6 m/s and 186 degrees S, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 11 am was 24 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 11 am was 23.9 µg/m³ with an hourly average wind direction of 261.6 degrees W, within the compliance limit of 44 µg/m³.
19/08/2019,6.48pm	Lighting	Complain received direct to the External Relations Manager's Mobile Phone via SMS. Discussed lighting from Mount Pleasant Operation. The mining operations are regularly inspected, and mining activities altered to minimise lighting impacts, these management measures include positioning lighting plants towards the west (away from Muswellbrook). The lighting plant was located on an elevated area of the pit. The lighting plant was turned off at 7:45pm
20/08/2019,4.39pm	Dust	Complaint received via teh Community Hotline. Discussed dust from the Mount Pleasant Operation. No real time air quality alarms were triggered on the 20th of August. At the time of the complaint, at 4 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 6.9 m/s and 274 degrees W, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 4 pm was 19 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 4 pm was 18.6 µg/m³ with an hourly average wind direction of 296.1 degrees NW, within the compliance limit of 44 µg/m³.
21/08/2019,11.20pm	Noise	Complaint received via the Community Hotline. Discussed mine operation noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. The 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 6.0 m/s and 279 degrees W, respectively, making for non-licensable conditions. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
21/08/2019,9.49pm	Noise	Complaint received via the Community Hotline. Discussed noise. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed. Low frequency mine noise and some dozer track movement was audible at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered. The 1 hourly rolling average, from the A-PF2 monitor, for wind speed and wind direction at the time of the complaint was 4.2 m/s and 306 degrees NW, respectively, making for non-licensable conditions.
23/08/2019,9.44pm	Lighting	Complaint received direct to the External Relations Manager's mobile phone via SMS. Discussed lighting impacting on cows. The mining operations are regularly inspected, and mining activities altered to minimise lighting impacts, these management measures include positioning lighting plants towards the west (away from Muswellbrook). At 9pm, the Environment and Community Superintendent did an off-site inspection and found no lights were facing towards Muswellbrook. After receiving the complaint, the Open Cut Examiner did an inspection of the north side of Pit D and found there were no lights pointing towards Muswellbrook.
23/08/2019,9.46pm	Noise	Complaint received direct to the External Relations Manager's mobile phone via SMS. Discussed noise impacting on his cows. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 0.9 m/s and 16 degrees N, respectively, making for still conditions. There was a slightly stable (Class E) temperature inversion present. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, a passing train was audible at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered.

23/08/2019,11.46am	EPA	Complaint received via direct email to the Environment Superintendent. Discussed noise due to a complaint received by the EPA on the 22nd August. Real time noise alarms were triggered below at the following times for Ecotech 2/3 monitor from August 19 to 22. The sound files were reviewed with the sounds heard listed below; 19/8/2019, 5:55, Red >45dBA, Ecotech MP 2/3 - dominant car traffic on nearby roads, bird calls, low frequency mine noise and a train horn was heard, 20/8/2019, 6:00, Red >45dBA, Ecotech MP 2/3 - dominant car traffic on nearby roads, bird calls, low frequency mine noise and some distant dozer track movement was heard, 21/8/2019, 5:55, Red >45dBA, Ecotech MP 2/3 - dominant car traffic on nearby roads, bird calls, low frequency mine noise as well as infrequent and distant dozer track movement was heard, 21/8/2019, 16:25, Green >41dBA, Ecotech MP 2/3 - dominant car traffic on nearby roads, bird calls, cows bellowing, low frequency mine noise as well as infrequent and distant dozer track movement was heard. From 19th to 22nd of August, noise alerts consistently managed using a risk-based approach according to the Noise Management Plan.
24/08/2019,11.22pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 3.0 m/s and 323 degrees NW, respectively, making for moderate conditions. There was a moderately stable (Class F) temperature inversion present. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, however, there were no significant peaks in the sound file. No alarms were triggered.
24/08/2019,8.32pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 1.6 m/s and 346 degrees N, respectively, making for still to moderate conditions. There was a moderately stable (Class F) temperature inversion present. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed, however, there were no dozer track movements or significant peaks in the sound file. No alarms were triggered.
29/08/2019,8.16am	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. A number of dust alarms were recorded on the 29th of August. At the time of the complaint, at 8 am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 0.7 m/s and 12 degrees N, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 8 am was 47 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 8 am was 42.4 µg/m³ with an hourly average wind direction of 34.0 degrees NE, within the compliance limit of 44 µg/m³.
04/09/2019,1.41pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No real time air quality alarms were triggered on the 4th of September. At the time of the complaint at 1 pm, the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 6.7 m/s and 252 degrees W, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 1 pm was 30 µg/m³, within the compliance limit of 50µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 1 pm was 26.7 µg/m³ with an hourly average wind direction of 266.6 degrees W, within the compliance limit of 44 µg/m³.
04/09/2019,2.14pm	Other	Complaint received via the Community Hotline. Discussed vehicle traffic to and from Mount Pleasant Operation using Kayuga Bridge. All new staff to Mount Pleasant Operation are informed not to use the Kayuga Bridge during the onboarding induction. After receiving the complaint, the Project Manager reminded all Thiess personnel that there is no access to and from site via the single lane bridge on Kayuga Road/Aberdeen Street in Muswellbrook. Toolbox Talks also reinforced the message with all site contractors. Regular spot checks have been carried out at the bridge at both start and end of shift and over weekends.
04/09/2019,2.14pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No real time air quality alarms were triggered on the 4th of September. At the time of the complaint at 2 pm, the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 6.4 m/s and 241 degrees SW, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 2 pm was 31 µg/m³, within the compliance limit of 50µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 2 pm was 30.8 µg/m³ with an hourly average wind direction of 264.8 degrees W, within the compliance limit of 44 µg/m³.
04/09/2019,6.18am	Dust	Complaint received directly to the External Relations Manager's mobile phone via SMS. Discussed dust from the Mount Pleasant Operation. No dust alarms were recorded at the time of the complaint. At the time of the complaint, at 6 am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 1.4 m/s and 22 degrees NE, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 6 am was 23 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 6 am was 21.1 µg/m³ with an hourly average wind direction of 47.8 degrees NE, within the compliance limit of 44 µg/m³.
04/09/2019,2.10pm	Dust	Complaint received by the Environment Superintendent. Discussed air quality at the Mount Pleasant Operation. No real time air quality alarms were triggered on the 4th of September. At the time of the complaint at 2 pm, the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 6.4 m/s and 241 degrees SW, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 2 pm was 31 µg/m³, within the compliance limit of 50µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 2 pm was 30.8 µg/m³ with an hourly average wind direction of 264.8 degrees W, within the compliance limit of 44 µg/m³.
06/09/2019,12.06pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No dust alarms were recorded at the time of the complaint. At the time of the complaint, at 12 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 5.9 m/s and 321 degrees NW, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 12 pm was 27 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 12 pm was 24.4 µg/m³ with an hourly average wind direction of 355.0 degrees N, within the compliance limit of 44 µg/m³.
06/09/2019,1.11pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No dust alarms were recorded at the time of the complaint. At the time of the complaint, at 1 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 9.0 m/s and 310 degrees NW, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 1 pm was 27 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 1 pm was 25.2 µg/m³ with an hourly average wind direction of 339.4 degrees N, within the compliance limit of 44 µg/m³.
06/09/2019,11.24am	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. No dust alarms were recorded at the time of the complaint. At the time of the complaint, at 11 am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 1.5 m/s and 340 degrees N, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 11 am was 27 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 11 am was 25.0 µg/m³ with an hourly average wind direction of 7.9 degrees N, within the compliance limit of 44 µg/m³.

14/09/2019,5.27pm	Dust	Complaint received direct to External Relations Manager's mobile phone via SMS. Discussed dust from Mount Pleasant Operation. No dust alarms were recorded at the time of the complaint. At the time of the complaint, at 5pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 2.2 m/s and 89 degrees E, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 5 pm was 44 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 5 pm was 35.2 µg/m³ with an hourly average wind direction of 118.1 degrees SE, within the compliance limit of 44 µg/m³.
21/09/2019,12.04pm	Noise	Complaint received via the Community Hotline. Discussed noise from the Mount Pleasant Operation. No noise alarms were recorded at the time of the complaint. At the time of the complaint at 12 noon, the 1-hourly wind speed and direction at APF-4 was 3.3 m/s and 327 degrees North.
22/09/2019,5.04am	Noise	Complaint received via teh Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated still conditions due to a 1 hour average wind speed of 0.6 m/s and wind direction of 249 degrees NW. The sound file, from realtime noise monitor MP 2/3 (the most representative of receiver 112), recorded at the time of the complaint was reviewed. A passing train and bird calls were audible at the time of the complaint - No mine noise was audible. No alarms were triggered.
23/09/2019,9.30pm	Noise	Complaint received via direct contact with the Environment Superintendent. Discussed noise. No noise alarms were triggered and noise was being managed using a risk-based approach in-accordance with the Noise Management Plan.
24/09/2019,9.18pm	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station (2.0m/s and 307 degrees NW) measured very still conditions with a temperature inversion measured intermittently prior to complaint being received. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, however, there were no significant peaks in the sound file.
24/09/2019,1.59am	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station (2.1m/s and 332 degrees NW) measured non-licensed Met Conditions due to F Class stability and wind speed greater then 2 m/s .The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, however, there were no significant peaks in the sound file. No alarms were triggered.
25/09/2019,3.18am	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station (2.5m/s and 316 degrees NW) measured non-licensed Met Conditions due to F Class stability and wind speed greater than 2 m/s. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed, there were no significant peaks in the sound file. No alarms were triggered.
28/09/2019,12.33pm	Dust	Complaint received via teh Community Hotline. Discussed dust from the Mount Pleasant Operation. Seven Green dust alarms were recorded throughout the day. At the time of the complaint, 12:33pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 6.0 m/s and 260 degrees W, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 12:33 am was 39 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 12:33pm was 39.5 µg/m³ with an hourly average wind direction of 289.5 degrees NW, within the compliance limit of 44 µg/m³.
28/09/2019,10.23am	Dust & Gas odour	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. Seven Green dust alarms were recorded throughout the day. At the time of the complaint, 10:23am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 5.7 m/s and 242 degrees W, respectively. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at 10:23 am was 37 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 11am was 38.4 µg/m³ with an hourly average wind direction of 269.9 degrees NW, within the compliance limit of 44 µg/m³. At the time of the complaint the operations were reviewed by the Open Cut Examiner. No gas smell was identified. No blasting was undertaken on the 28th of September and there is no Spontaneous Combustion currently within the Operation. At the time of the complaint the 1 hourly rolling average wind speed and direction taken at the A-PF2 meteorological station was 7m/s and 249 degrees south west.
01/10/2019,2.06pm	Blasting	Complaint recieved directly to the General Manager Resource Development via email. Discussed excessive tremors and shaking of the home from recent shots in Pit D. At the time of the complaint, all vibration and overpressure results were within the maximum compliance limits of 10 mm/s for vibration and 120dB for Overpressure at residences on privately owned land, measured at the Operation's compliance blast monitors.
03/10/2019,	Blasting	Complaint received via email to the Environment Superintendent. Discussed issues with blasting at Mount Pleasant Operation. Pattern 23-25.1VA was fired in Pit B/C at 12:05:57 am on 3 October 2019. The blast was within compliance limits in accordance with DA 92/97; EPL 20850 and the MPO Blast Management Plan.
04/10/2019,2.41pm	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. Strong winds throughout the day saw operations shut down at 12pm and reinstated in the afternoon. At the time of the complaint, 2:41pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 6.5 m/s and 260 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at was 42 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 2 pm was 39.8 µg/m³ with an hourly average wind direction of 277.2 degrees NW, within the compliance limit of 44 µg/m³.
04/10/2019,3.56pm	Dust	Complaint received via the Community Hotline. Discussed dust in the air from mining machinery at the Mount Pleasant Operation. At the time of the complaint, 3:56pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 5.2 m/s and 245 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at was 45 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 4 pm was 42.2 µg/m³ with an hourly average wind direction of 298 degrees NW, within the compliance limit of 44 µg/m³.
04/10/2019,6.06pm	Dust	Complaint received via the Community Hotline. Discussed dust in the air from mining machinery at the Mount Pleasant Operation. At the time of the complaint, 6:06pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 3.2 m/s and 237 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 48 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 6 pm was 46.7 µg/m³ with an hourly average wind direction of 277.2 degrees NW. therefore triggering a dust shutdown event under the EPL due to the Muswellbrook NW Unit recording a value greater then 44ug/m3.
04/10/2019,6.11pm	Noise	Complaint received via the Community Hotline. Discussed noise from the Mount Pleasant Operation. At the time of the complaint, 6:11 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 3.2 m/s and 237 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 48 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 6 pm was 46.7 µg/m³ with an hourly average wind direction of 277.2 degrees NW. therefore triggering a dust shutdown event under the EPL due to the Muswellbrook NW Unit recording a value greater then 44ug/m3 Operations were shut down within the hour between 18:00 -19:00 with operations shut down until nightshift at 21:00 when the wind direction changes to 143 degrees SE.

04/10/2019,6.11pm	Dust	Complaint received via the Community Hotline. Discussed noise from the Mount Pleasant Operation. At the time of the complaint, 6:11 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 3.2 m/s and 237 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 48 µg/m³, within the compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 6 pm was 46.7 µg/m³ with an hourly average wind direction of 277.2 degrees NW. therefore triggering a dust shutdown event under the EPL due to the Muswellbrook NW Unit recording a value greater then 44ug/m3 Operations were shut down within the hour between 18:00 -19:00 with operations shut down until nightshift at 21:00 when the wind direction changes to 143 degrees SE.
05/10/2019, 8.07pm	Lighting	Complaint received via SMS to the External Relations Manager. Discussed lighting shining directly into the residents window from the construction carpark. ERM followed up with MACH Energy Construction Manager and the light was turned off.
06/10/19, 8.10am	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 0.6 m/s and 75 degrees NE making for still conditions. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed. Low frequency mine noise audible in the back ground at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered. Dominate noise source at this location was Birds (Indian Mynas, Galahs, Starlings, magpies ) A passing train was also audible.
06/10/2019,7.58am	Noise	Complaint received via the Community Hotline. Discussed noise heard overnight and throughout the morning from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 0.6 m/s and 75 degrees NE making for still conditions. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed. Low frequency mine noise audible in the back ground at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered. Dominate noise source at this location was Birds (Indian Mynas, Galahs, Starlings, magpies ) A passing train was also audible.
07/10/2019, 12.20pm	Dust	Complaint received via SMS to the External Relations Manager. Discussed dust coming from works near the dam next door to his property. The ERM contacted the construction superintendent and all available water carts were in operation at the time of the complaint.
07/10/2019,1.27pm	Dust	Complaint received via the Community Hotline. Discussed dust from mine. At the time of the complaint, 1:27pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 8.7 m/s and 251 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at was 56 µg/m³, The Upwind Monitor A-PF5 measured a 24- hour rolling PM10 average of 45 µg/m³, therefore the Mount Pleasant project Contribution was 11 µg/m³, which is compliant with the DA project specific contribution of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 4 pm was 56.5 µg/m³ with an hourly average wind direction of 267 degrees NW, Operations were suspended at 12:00 as per the EPL condition.
07/10/2019,1.32pm	Dust	Complaint received via the Community Hotline and a subsequent SMS sent. Discussed dust from the Mount Pleasant Operation. At the time of the complaint, 1:32 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 8.7 m/s and 251 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor at was 56 µg/m³, The Upwind Monitor A-PF5 measured a 24- hour rolling PM10 average of 45 µg/m³, therefore the Mount Pleasant Operation contribution was 11 µg/m³, which is compliant with the DA project specific contribution of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 4 pm was 56.5 µg/m³ with an hourly average wind direction of 267 degrees NW, Operations were suspended at 12:00 as per the EPL condition.
07/10/2019,2.39am	Noise	Complaint received via the Community Hotline. Discussed noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station indicated non-licensed and moderate wind conditions due to a 5 minute average wind speed of 3.6 m/s, wind direction of 338 degrees W throughout the night prior to the complaint. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed. Low frequency mine noise was audible at the time of the complaint, however, there were no dozer track movements or significant peaks in the sound file. First bucket rock fall was occasionally was also audible. No alarms were triggered.
07/10/2019,8.10am	Noise	Complaint received via the Community Hotline. Discussed noise from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 0.6 m/s and 75 degrees NE making for still conditions. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed. Low frequency mine noise audible in the back ground at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered. Dominate noise source at this location was Birds (Indian Mynas, Galahs, Starlings, magpies ) A passing train were also audible.
07/10/2019,8.36pm	Dust	Complaint received via the Community Hotline. Discussed noise from Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 0.6 m/s and 59 degrees SE making for still conditions.
07/10/2019,9.05am	Noise	Complaint received via the Community Hotline. Discussed noise from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 0.6 m/s and 59 degrees SE making for still conditions.
08/10/2019,3.20pm	Dust	Complaint received via the Community Hotline. Discussed dust coming off the top of the spoil heads. At the time of the complaint, 3.20 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 2.7 m/s and 111 degrees SE. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 32 µg/m³, which is compliant with the DA compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 3 pm was 43.5 µg/m³ with an hourly average wind direction of 153 degrees SE.
08/10/2019,8.26am	Noise	Complaint received via the Community Hotline. Discussed noise from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 0.6 m/s and 75 degrees NE making for still conditions. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed. Low frequency mine noise audible in the back ground at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered. Dominate noise source at this location was Birds (Indian Mynas, Galahs, Starlings, magpies ) A passing train were also audible.
09/10/2019,9.10am	Noise	Complaint received via the Community Hotline. Discussed noise from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 0.6 m/s and 75 degrees NE making for still conditions. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed. Low frequency mine noise audible in the back ground at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered. Dominate noise source at this location was Birds (Indian Mynas, Galahs, Starlings, magpies ) A passing train were also audible.
14/10/2019, 9.32am	Dust	Complaint received via the Community Hotline. Discussed Air Quality and the possibility of selling his property to MACH Energy. Interests in MPO future development.

14/10/2019,3.31pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. At the time of the complaint, 3:31 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 0.5 m/s and 83 degrees SE indicating very still wind conditions. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 18 µg/m³, which is compliant with the DA compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 3 pm was 16.6 µg/m³ with an hourly average wind direction of 111.6 degrees SE.
16/10/2019, 3.30pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mt Arthur Mine, the caller then clarified that the complaint was for all three mines and that he has taken video of machinery dust, if it does not cease will call back again. At the time of the complaint, 12:15 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 8.9 m/s and 245 degrees NW indicating strong wind conditions. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 44 µg/m³, which is compliant with the DA compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 12 pm was 43.7 µg/m³ with an hourly average wind direction of 267.9 degrees NW.
17/10/2019,12.15pm	Dust	Complaint received via the Community Hotline. Discussed dust stirred up by mining machinery at the Mount Pleasant Operation. The operation was being progressively shut down due to high winds at 12.30pm and remained shut down for a total of 45.6 hours. At the time of the complaint, 12:15 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 8.9 m/s and 245 degrees NW indicating strong wind conditions. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 44 µg/m³, which is compliant with the DA compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 12 pm was 43.7 µg/m³ with an hourly average wind direction of 267.9 degrees NW.
17/10/2019,12.23pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. The operation was being progressively shut down due to high winds at 12.30pm and remained shut down for a total of 45.6 hours. At the time of the complaint, 12:23 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 8.9 m/s and 245 degrees NW indicating strong wind conditions. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 44 µg/m³, which is compliant with the DA compliance limit of 50 µg/m³. The 24-hour rolling average for Muswellbrook NW Unit at 12 pm was 43.7 µg/m³ with an hourly average wind direction of 267.9 degrees NW.
17/10/2019,8.36pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. The 24-hour rolling average for Muswellbrook NW Unit at 8 pm was 53.2 µg/m³ with an hourly average wind direction of 278.1 degrees NW. The Mining Services Contractor is committed to minimising the noise impacts of the development and modifying operations on site to ensure compliance with relevant conditions of the DA 92/97 and EPL 20850.
21/10/2019, 12.10pm	Blasting	Complaint received via the Community Hotline. Discussed blasting, the house shook and windows were rattling, items had fallen off mantle piece. The blast undertaken at MPO on 21 October 2019 did not result in an exceedance to EPL 20850 conditions, nor any material environmental harm. MACH Energy is committed to ensuring all feasible measures within its own control are undertaken to minimise any blasting impacts from the development to ensure compliance with relevant conditions of DA 92/97 and EPL 20850.
22/10/2019,	Dust	Complaint received via SMS to the Environment Superintendent. Discussed dust from the Mount Pleasant Operation.
22/10/2019,12.10pm	Blasting	Complaint received via the Community hotline. Discussed the blast at approx. 12pm that disturbed their house. Immediate Actions: At 12:04 pm on 21st October 2019, Blast 19.1.BR2C-WY2C was fired in Pit A resulting in an air blast overpressure reading of 124.5 dB at compliance blast monitor BV02. This is potentially a breach of the Mount Pleasant Operation Development Consent and Environmental Protection Licence. A detailed investigation has commenced with a third-party blasting consultant to review the validity of the overpressure result. DPIE and EPA have been notified by MACH Energy.
22/10/2019,12.14pm	Blasting	Complaint received via the Community Hotline. Discussed the blast let off at approx. 12.10pm that disturbed their house. Environmental Monitoring Review: At 12:04 pm on 21st October 2019, Blast 19.1.BR2C-WY2C was fired in Pit A resulting in an air blast overpressure reading of 124.5 dB at compliance blast monitor BV02. This is potentially a breach of the Mount Pleasant Operation Development Consent and Environmental Protection Licence. A detailed investigation has commenced with a third-party blasting consultant to review the validity of the overpressure result. DPIE and EPA have been notified by MACH Energy.
24/10/2019,11.15am	Blasting	Complaint received via the Community Hotline. Discussed the blast at the Mount Pleasant Operation that shook their house. At the time of blasting the A-PF4 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 3.4 m/s and wind direction of 282 degrees NW. The B-VO2 monitor (the most representative of the private residence) recorded 3.8 mm/s and 109 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL, respectively.
24/10/2019,12.32pm	Blasting	Complaint received via the Community Hotline. Discussed the dust and the blast at the Mount Pleasant Operation. At the time of blasting the A-PF4 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 3.4 m/s and wind direction of 282 degrees NW. The B-VO2 monitor (the most representative of the private residence near Muswellbrook) recorded 3.8 mm/s and 109 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL, respectively. Post blast emissions fully dispersed and did not leave the DA/EPL boundary.
24/10/2019,12.34pm	Other	Complaint received directly to the Environmental Superintendent's mobile phone via SMS. Discussed a haul truck dumping at 12.34pm when the operations were shut down at 12.30pm. It was identified that RD2037, RD2130 and RD1815 were hauling coal to ROM until approximately 12:50, which is a breach of the EPL condition O3.4 'dust generating activities' means all hauling activities on unsealed haul roads. All other operations had ceased at 12:30pm. MACH Energy was notified, and investigation commenced.
25/10/2019,	Dust	Complaint received by SMS to the Environment Superintendent. Discussed a complaint from a resident about dust from Mount Pleasant Operation.
26/10/2019, 7.40am	Dust	Complaint received via the Community Hotline. Discussed dust from the Mount Pleasant Operation. At the time of the complaint there was no dust generating activities being undertaken as per EPL condition O3.4. The operation had been shut down from the start of shift (7 am) and did not commence operations until 1:45 am on the 27th October. 97.4 hrs of dust shutdowns were recorded on the 26th and 27th of October. The 24-hour rolling average for Muswellbrook NW Unit at 8 am was 82.3 µg/m³ with an hourly average wind direction of 347.9 degrees NW Very Strong wind was recorded at APF-2 - 10.3m/s
26/10/2019, 8.07am	Dust	Complaint received via the Community Hotline. Discussed dust from all coal mines. At the time of the complaint there was no dust generating activities being undertaken as per EPL condition O3.4. The operation had been shut down from the start of shift (7 am) and did not commence operations until 1:45 am on the 27th October. 97.4 hrs of dust shutdowns were recorded on the 26th and 27th of October. The 24-hour rolling average for Muswellbrook NW Unit at 8 am was 82.3 µg/m³ with an hourly average wind direction of 347.9 degrees NW Very Strong wind was recorded at APF-2 - 10.3m/s

30/10/2019, 10.25pm	Noise	Complaint received via the Community Hotline. Discussed noise coming from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 (approximately 1.4 km East of Pit A) and site 4 (approximately 3.1 km from Pit D) at the time of the complaint. Wind conditions taken from the A-PF2 meteorological station indicated light winds with a 5 minute average wind speed of 2.4m/s and wind direction of 313 degrees NW. There was non-licensed MET conditions present in the 20 minutes prior to the complaints with F- Class temperature inversion and wind speeds greater than 2m/s recorded.
30/10/2019, 6.53pm	Dust	Complaint received via the Community Hotline. Discussed the dust from the Mount Pleasant Operation.
1/11/2019, 3.48pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. 'At the time of the complaint, 3:48pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 1.2 m/s and 101 degrees SE indicating light wind conditions. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 101 µg/m³. 8.5 hrs of Dust shutdowns were recorded on the 1st of November.
6/11/2019, 8.40pm	Noise	Complaint received directly to the External Relations Manager via SMS. Discussed mine operation noise. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 4.3 m/s and 268 degrees, Therefore non-licensed Meteorological conditions were present due to Wind Speed being greater than 2m/s. The sound file, from realtime noise monitor MP 2/3, recorded at the time of the complaint was reviewed. Low frequency mine noise, some distant dozer track movement, dogs barking passing car was audible at the time of the complaint, however, there were no cows bellowing or significant peaks in the sound file. No alarms were triggered
6/11/2019, 8.40pm	Lighting	Complaint received directly to the External Relations Manager. Discussed lighting coming from the Mount Pleasant Operation. 'The mining operations are regularly inspected, and mining activities altered to minimise lighting impacts, these management measures include positioning lighting plants towards the west (away from Muswellbrook). The lighting plant pointing in the wrong direction was located on an elevated area of the pit. The lighting plant was turned off
6/11/19, 9.28pm	Noise	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. 'At the time of the complaint, 3:48pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 1.2 m/s and 101 degrees SE indicating light wind conditions. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 101 µg/m³. 8.5 hrs of Dust shutdowns were recorded on the 1st of November.
7/11/2019, 12.46pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. All operations were shutdown at 2pm. A total of 49.4 hrs of dust downtime was recorded across both dayshift and nightshift on the 7th of November. Operations did not recommence until 3am on the 8th November. The 24-hour rolling average for Muswellbrook NW Unit at 1 pm was 53.5 µg/m³ with an hourly average wind direction of 276 degrees NW. Poor air Quality is currently being experienced across the Hunter Valley due to Bushfires, ongoing severe drought and very strong Westerly winds.
7/11/2019, 8.49pm	Lighting	Complaint received directly to the External Relations Manager. Discussed lighting coming from the Mount Pleasant Operation. 'The mining operations are regularly inspected, and mining activities altered to minimise lighting impacts, these management measures include positioning lighting plants towards the west (away from Muswellbrook). The lighting plant pointing in the wrong direction was located on an elevated area of the pit. The lighting plant was turned off at 9:00pm
8/11/2019, 9.27am	Blasting	Complaint received via the Community Hotline. Discussed damage due to a recent blast at Mount Pleasant. The External Relations Manager advised the caller of the process to arrange inspection of their property. The required paperwork was sent to the complainant.
8/11/2019, 5.46pm	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. All operations were shutdown at 2pm. A total of 49.4 hrs of dust downtime was recorded across both dayshift and nightshift on the 7th of November. Operations did not recommence until 3am on the 8th November.  The 24-hour rolling average for Muswellbrook NW Unit at 1 pm was 53.5 µg/m³ with an hourly average wind direction of 276 degrees NW. Poor air Quality is currently being experienced across the Hunter Valley due to Bushfires, ongoing severe drought and very strong Westerly winds.
8/11/2019, 8.36pm	Lighting	'Complaint received directly to the External Relations Manager. Discussed lighting coming from the Mount Pleasant Operation. The mining operations are regularly inspected, and mining activities altered to minimise lighting impacts, these management measures include positioning lighting plants towards the west (away from Muswellbrook). The lighting plant was located and turned off at 8:42pm.
9/11/2019, 11.45pm	Noise	'Complaint received via the Community Hotline. Discussed noise coming from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station (3.6m/s and 282 degrees NW) measured non-licensed Met Conditions due to F Class stability and wind speed greater than 2 m/s.
10/11/2019, 2.09am	Noise	'Complaint received via the Community Hotline. Discussed noise coming from the Mount Pleasant Operation. At the time of the complaint, mining activities were undertaken in Pits D and topsoil haulage was being undertaken in Pit E&F. EX2316 was operating in Pit E attended by a Rubber Tyred Dozer (DZ8001) and Tracker Dozer (DZ8021) with trucks hauling to the topsoil stockpile in Pit E. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 3.8 m/s and 271 degrees NW, Therefore non licenced MET conditions were present due to the windspeed being greater than 2m/s.
10/11/2019, 10.28am	Dust	'Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. At the time of the complaint, 10:28 am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 4.4 m/s and 263 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 29 µg/m³, which is well below the compliance limit of 50 µg/m³
10/11/2019, 12.31pm	Dust	'Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. At the time of the complaint, 12:31 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 5.4 m/s and 275 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 29 µg/m³, which is well below the compliance limit of 50µg/m³.
12/11/2019, 4.07am	Noise	'Complaint received via the Community Hotline. Discussed noise coming from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. At the A-PF2 monitor, the 1 hourly rolling average for wind speed and wind direction at the time of the complaint was 2.9 m/s and 302 degrees NW, Therefore non licenced MET conditions were present due to the windspeed being greater than 2m/s an F- Class Temperature inversion was also present.

12/11/2019, 3.05pm	Dust	'Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. At the time of the complaint, 3:05 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 10.2 m/s and 275 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 43 µg/m³, which is well below the compliance limit of 50µg/m³. 17.1 hrs of dust delays was recorded throughout the day.
13/11/2019, 9.37am	Odour	'Complaint received via the Community Hotline. Discussed an odour coming from the Mount Pleasant Operation.'No odour was identified. No blasting was undertaken on the 13th of November and there is no Spontaneous Combustion currently within the Operation. At the time of the complaint 9:37am the Upper Hunter Air Quality Monitoring network recorded hazardous air quality (123.1 ug/m3) due to severe drought and the ongoing bushfire emergency in Northern NSW.
14/11/2019, 5.40pm	Dust	'Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. At the time of the complaint, 05:40 pm the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 4.8 m/s and 246 degrees NW. The 24-hour rolling PM10 average at the A-PF2 compliance monitor was 41 µg/m³, within the compliance limit of 50 µg/m³.
14/11/2019, 9.05pm	Noise	Complaint received via the Community Hotline. Discussed noise coming from the Mount Pleasant Operation. 'No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station (2.7m/s and 264 degrees NW) measured non-licensed Met Conditions wind speed greater than 2 m/s. The sound file, from realtime noise monitor MP 2/3 (the most representative of receiver 112), recorded at the time of the complaint was reviewed.
16/11/2019, 10.08am	Dust	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. 'At the time of the complaint, 10:08 am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 3.8 m/s and 101 degrees SE.  The Upper Hunter Air Quality Monitoring Network recorded 71ug/m3 (poor air quality) due to ongoing bushfires emergency in Northern NSW and ongoing Severe drought.
16/11/2019, 10.08am	Noise	Complaint received via the Community Hotline. Discussed noise coming from the Mount Pleasant Operation. 'At the time of the complaint, 10:08 am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 3.8 m/s and 101 degrees SE.  The Upper Hunter Air Quality Monitoring Network recorded 71ug/m3 (poor air quality) due to ongoing bushfires emergency in Northern NSW and ongoing Severe drought.
18/11/2019, 10.38pm	Noise	'Complaint received via the Community Hotline. Discussed noise coming from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station (2.6m/s and 326 degrees NW) measured non-licensed Met Conditions wind speed greater than 2 m/s and Category F temperature inversion. The sound file, from realtime noise monitor MP 2/3 (the most representative of receiver 112), recorded at the time of the complaint was reviewed.
19/11/2019, 3.57pm	Dust	Complaint received via the Community Hotline. Discussed dust in the form of a "whirleybird" coming from the Mount Pleasant Operation. At the time of the complaint, 3.57pm am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 4.3 m/s and 255 degrees SE. The Upper Hunter Air Quality Monitoring Network recorded 53.2 ug/m3 poor air quality due to ongoing bushfires emergency in Northern NSW and ongoing Severe drought
19/11/2019, 6.53pm	Dust	'Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. At the time of the complaint, 6:53pm am the 1 hourly rolling average wind speed and direction at the A-PF2 meteorological station was 4.3 m/s and 255 degrees SE. The Upper Hunter Air Quality Monitoring Network recorded 53.2 ug/m3 poor air quality due to ongoing bushfires emergency in Northern NSW and ongoing Severe drought.
20/11/2019, 1.50pm	Blasting	'Complaint received via the Community Hotline. Discussed a blast at the Mount Pleasant Operation. At the time of blasting the A-PF2 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 7.8 m/s and wind direction of 131 degrees SE. The Racecourse Rd monitor (the most representative of the private residence near Muswellbrook) recorded 1.12 mm/s and 97.4 DBL for vibration and overpressure, respectively
20/11/2019, 2.08pm	Blasting	'Complaint received directly to the External Relations Manager. Discussed a blast at the Mount Pleasant Operation. At the time of blasting the A-PF2 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 7.8 m/s and wind direction of 131 degrees SE. The BV02 monitor (the most representative of the private residence) recorded 4.50 mm/s and 106.4 DBL for vibration and overpressure, respectively.
20/11/2019, 2pm	Blasting	'Complaint received directly to the MACH Newcastle Office. Discussed a blast at the Mount Pleasant Operation.'At the time of blasting the A-PF2 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 7.8 m/s and wind direction of 131 degrees SE. The Racecourse Rd monitor (the most representative of the private residence near Muswellbrook) recorded 1.12 mm/s and 97.4 DBL for vibration and overpressure, respectively
20/11/2019,	Blasting	Complaint received via the EPA. Discussed a blast at the Mount Pleasant Operation at 1.30pm on the 20th November, 2019. Pattern 13-15.2BR2C and 16.1.1WYC_Fault were initiated together in Pit A at 13.44pm. The blast was within compliance limits in accordance with DA 92/97, EPL 20850 and teh MPO Blast Management Plan
21/11/2019, 8.41am	Blasting	'Complaint received directly to the External Relations Manager. Discussed a blast at the Mount Pleasant Operation. 'At the time of blasting the A-PF2 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 7.8 m/s and wind direction of 131 degrees SE. The Racecourse Rd monitor (the most representative of the private residence near Muswellbrook) recorded 1.12 mm/s and 97.4 DBL for vibration and overpressure, respectively
22/11/2019, 1.34pm	Noise	'Complaint received via the Community Hotline. Discussed noise coming from the Mount Pleasant Operation. Wind conditions taken from the A-PF4 meteorological station (4.7 m/s and 347 degrees NW) measured non-licensed Met Conditions wind speed greater than 2 m/s. The sound file, from realtime noise monitor MP 2/3 recorded at the time of the complaint was reviewed.
29/11/2019, 12.20pm	Blasting	Complaint received via the Community Hotline. Discussed a blast at the Mount Pleasant Operation. The Racecourse monitor (the most representative of the private residence) recorded 1.87mm/s and 103.0 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL. Post blast emissions fully dispersed and did not leave the DA/EPL boundary.
29/11/2019, 1.56pm	Noise	Complaint received via the Community Hotline. Discussed noise from the blast at the Mount Pleasant Operation. At the time of blasting the A-PF2 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 1.8 m/s and wind direction of 174 degrees SE. The Racecourse monitor (the most representative of the private residence) recorded 1.87mm/s and 103.0 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL. Post blast emissions fully dispersed and did not leave the DA/EPL boundary.



29/11/2019, 12.56pm	Blasting	Complaint received via the Community Hotline. Discussed a blast at the Mount Pleasant Operation. At the time of blasting the A-PF2 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 1.8 m/s and wind direction of 174 degrees SE. The Racecourse monitor (the most representative of the private residence) recorded 1.87mm/s and 103.0 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL. Post blast emissions fully dispersed and did not leave the DA/EPL boundary.
29/11/2019, 12.41pm	Blasting	Complaint received via the Community Hotline. Discussed a blast at the Mount Pleasant Operation. At the time of blasting the A-PF2 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 1.8 m/s and wind direction of 174 degrees SE. The Racecourse monitor (the most representative of the private residence) recorded 1.87mm/s and 103.0 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL. Post blast emissions fully dispersed and did not leave the DA/EPL boundary.
29/11/2019, 12.07pm	Blasting	Complaint received directly to the External Relations Manager via SMS. Discussed a blast at the Mount Pleasant Operation. At the time of blasting the A-PF2 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 1.8 m/s and wind direction of 174 degrees SE. The Racecourse monitor (the most representative of the private residence) recorded 1.87mm/s and 103.0 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL. Post blast emissions fully dispersed and did not leave the DA/EPL boundary.
29/11/2019, 9.00am	Blasting	Complaint received directly to the External Relations Manager via SMS. Discussed a blast at the Mount Pleasant Operation. At the time of blasting the A-PF2 meteorological station recorded moderate wind conditions with a 1 Hourly Rolling wind speed of 1.8 m/s and wind direction of 174 degrees SE. The Racecourse monitor (the most representative of the private residence) recorded 1.87mm/s and 103.0 DBL for vibration and overpressure, respectively. All vibration and overpressure monitors were well within the compliance limits of 10 mm/s and 120 DBL. Post blast emissions fully dispersed and did not leave the DA/EPL boundary.
4/12/2019, 3:17pm	Other	Complaint received by the EPA. Discussed an odour. The complainant discussed the odour coming from the loading of explosives between 1st to 3rd December, 2019. No further details were provided at the time of the complaint. No loading took place on the 1st December, 2019, loading was undertaken on the 2nd and 3rd December, 2019.
5/12/2019, 1:08pm	Air Quality	Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. The operation was suspended due to high dust levels from 10:20 am and Operations did not recommence until 11:45pm. 39hrs of dust delays were recorded across day shift and nightshift. At the time of the complaint The Upper Hunter Air Quality Monitoring Network recorded 58.7 ug/m3 poor air quality due to ongoing bushfires emergency in NSW and ongoing Severe drought.
6/12/2019, 2:16am	Noise	Complaint received via the Community Hotline. Discussed noise coming from the Mount Pleasant Operation. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station (2.5m/s and 331 degrees NW) measured non-licensed Met Conditions wind speed greater than 2 m/s and Category F temperature inversion. The sound file, from realtime noise monitor MP 2/3 (the most representative of receiver 112), recorded at the time of the complaint was reviewed. Low frequency mine noise was audible and "quackers" were audible at the time of the complaint, however, there were no significant peaks in the sound file. No alarms were triggered.
6/12/2019, 9:00am	Noise	"Complaint received to the EPA. Discussed noise from the Mount Pleasant Operation. Real time response trigger levels are detailed in the MPO Noise Management Plan. There were no real time noise alarms triggered at the monitor closest to the area during the period of the complaint. At the time of the complaint, mining activities were generally concentrated in Pit A - D. No operations were being undertaken in Pit E and F. "
6/12/2019, 9:14pm	Lighting	"Complaint received directly to the External Relations Manager via SMS. Discussed lighting. An offsite inspection conducted by the MACH Energy Environment Superintendent found that the light in question was pointing to the North and the video was not taken from the complainant's residence but from a location to the north of the operation. It was found that no lighting plants were pointing in an easterly direction back towards Muswellbrook. The positioning of lighting plants will continue to be reinforced with the production crews by the mining manager. "
30/12/2019, 9:28pm	Noise	"Complaint received via the Community Hotline. Discussed noise coming from the Mount Pleasant Operation. Upon Receipt of the complaint, DZ 1665 was replaced with a Rubber Tyred Dozer (DZ8001) operating on the Pit B RL215 Dump. No real time noise alarms were triggered at site 2/3 at the time of the complaint. Wind conditions taken from the A-PF4 meteorological station (2.5m/s and 308 degrees NW) measured non-licensed Met Conditions wind speed greater than 2 m/s and Category F temperature inversion. The sound file, from realtime noise monitor MP 2/3 (the most representative of receiver 112), recorded at the time of the complaint was reviewed. Low frequency mine noise was audible at the time of the complaint, Intermittent Dozer Tracks could also be heard however, there were no significant peaks in the sound file. No noise alarms were triggered. "
31/12/2019, 6:42pm	Air Quality	"Complaint received via the Community Hotline. Discussed dust coming from the Mount Pleasant Operation. The operation was suspended due to high dust levels from 1:32 pm and operations did not recommence until 5:41pm. At the time of the complaint The Upper Hunter Air Quality Monitoring Network recorded poor air quality (70.6 ug/m3) due to ongoing bushfires emergency in NSW and ongoing severe drought. "