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Ms Sarah Horton
Compliance Delivery Manager
Industry and Development
Department of Environment and Science
Environmental Services and Regulation
173 Hume Street
Toowoomba Qld 4350

31 January 2018

By email: sarah.horton@ehp.qld.gov.au

Commercial in confidence

Dear Ms Horton

TEP MAN19660 – January Noise Monitoring Results

I am writing to you in response to Reporting Requirement 2 of TEP MAN19660, which requires that QGC provide the results of noise monitoring and confirm whether they comply with the environmental authority conditions E7 (EPPG00878413). The results of noise monitoring completed for January 2018 are outlined below.

Noise monitoring was undertaken for the week commencing 1 January 2018. A calibrated 01dB Cube Sound Analyser was deployed in the agreed representative location in the road reserve adjacent to the Nothdurft residence (refer Figure 1 attached). Noise measurements were recorded at 15 minute intervals and included audio files to allow for post-measurement analysis and identification of noise sources and noise source contribution. The equipment setup and analysis methodology was identical to EPO STAT1085. ASK Consulting's EPO Audit report (8894R03V01) can be referred to for any additional details, including calibration certificates.

ASK Consulting's audit of the noise monitoring data confirms that, subject to an emergency flaring event detailed below, noise from QGC's activities, including the Kenya CPP and surrounding wellsite infrastructure, was compliant with condition E7 for the January 2018 monitoring period. Noise levels from the Kenya CPP ranged from inaudible up to 25dB(A), which indicates that the noise barrier located at the Kenya CPP is effectively reducing noise emissions at the Nothdurft residence.

On 2 January 2018 between 1:00am and 2:15am (1hr 15minutes duration), elevated noise levels were measured due to an emergency flaring event at Argyle Field Compression Station. Noise levels were measured between 31dB(A) to 37dB(A) over the measured 5 periods. This is the first time in the past 3 years that QGC has measured elevated levels of this nature due to Argyle FCS flaring. QGC is not aware of any complaint having been made in relation to this event.

Should you have any questions or wish to discuss, please do not hesitate to contact me on 07 3024 7311.

Yours sincerely

D. Reinke

David Reinke
Environment Operations Manager
QGC Pty Limited

Figure 1 – Road Reserve Noise Monitoring Location

