

Approved form

Environmental Protection Act 1994

Transitional environmental program

This form must be used when proposing a transitional environmental program (TEP) to the administering authority pursuant to section 331 of the Environmental Protection Act 1994. For further information on TEPs refer to the Transitional Environmental Programs Guideline (ESR/2016/2277) and Annual return for a transitional environmental program form (ESR/2016/2139).

TRANSITIONAL ENVIRONMENTAL PROGRAM FOR QGC KENYA PROJECT AREA Section 330 of the *Environmental Protection Act 1994*

Individual or Company Responsible:	QGC PTY LTD [LEVEL 30, 275 GEORGE STREET BRISBANE QLD 4000 10 089 642 553
Environmental Authority number (if relevant)	EPPG00878413]
Environmental Authority holder names (if relevant)	QGC PTY LTD, BG INTERNATIONAL (AUS) PTY LTD, AUSTRALIA PACIFIC LNG PTY LTD, SGA (QUEENSLAND) PTY LTD, BG INTERNATIONAL LIMITED, CNOOC COAL SEAM GAS COMPANY PTY LTD, TOKYO GAS QCLNG PTY LTD]
Development Approval number (if relevant)	[N/A]
Title:	[QGC KENYA PROJECT AREA TEP]
Date:	[28 APRIL 2017]
Reason for TEP:	S330(1)(a) REDUCE POTENTIAL ENVIRONMENTAL HARM CAUSED BY AN ACTIVITY AND S330(c) COMPLY WITH A CONDITION OF AN ENVIRONMENTAL AUTHORITY (EA):

Site details:

Sensitive Receptor Details:
Bellara, Lot 1 on RP 202346, 329 Noel Robinson Road, Crossroads Qld 4406 (Herein referred to as the Nothdurft Residence)
QGC Tenure Details:
Kenya Project Area EA EPPG00878413

Period of TEP: 1 MAY 2017 - 30 JANUARY 2018]
Start date: [1 MAY 2017]
Finish date: [30 JANUARY 2018]

Content of Program:

1. TO REDUCE ENVIRONMENTAL HARM CAUSED BY AN ACTIVITY: (SECTION 330(1)(A)):

QGC has monitored noise levels at a location thought to be representative of the Nothdurft Residence ("Representative Location") in response to Environmental Protection Order STAT1085/CR73680. During this monitoring there were instances in which noise levels at the Representative Location were above the nighttime noise limit as set out in Condition E7, Schedule E, Table 1 - Noise Limits at Sensitive Receptors (EPPG00878413). The administering authority has raised concerns that the noise limit exceedences, coupled with complaints from the Nothdurft family, likely constitutes an unreasonable interference or disturbance to the acoustic environment at the Nothdurft residence from noise.

Description of transition: Reduce potential environmental harm caused by the activity:
(section 330(1)(a)):

See Table 1.

2. TO COMPLY WITH A CONDITION OF AN ENVIRONMENTAL AUTHORITY (SECTION 331(e)):

QGC has monitored noise levels at the Representative Location in response to Environmental Protection Order EPO STAT1085/CR73680 which showed instances where noise levels were above the nighttime noise limit as set out in Condition E7, Schedule E, Table 1 - Noise Limits at Sensitive Receptors (EPPG00878413).

Description of Transition : Comply with a condition of an environmental authority
(section 331(e)):

See Table 1.

TABLE 1

Objective(s) [section 331(a)]

State the objectives to be achieved and maintained under the TEP for the activity. The objectives must be **specific** and **clear** and **relate to achieving compliance** with the Act, the *Environmental Protection Regulation 2008*, environmental protection policies, or if relevant, the conditions of approval.

1. Achieve compliance with Condition E7, Schedule E , Table 1 - Noise Limits at Sensitive Receptors (EPPG00878413)

2. Achieve compliance with the overarching requirements of the Environmental Protection Act 1994 (Qld).

3. Best practice management of environmental noise emissions,

Actions [section 331(b)]

List the actions to be taken to achieve each of the objectives.

Actions must take into account:

1. Best practice environmental management for the activity (including how these measures stand against the measures currently used nationally and internationally for the activity [section 331(b)(i)]; and
2. The risks of environmental harm being caused by the activity (including the proposed actions, how the risks have been considered and how they will be treated or mitigated [section 331(b)(ii)]).

Commencement date

[section 331(b)]

A start and finishing date for each action or groups of actions must be included.

Completion date

1.QGC will take action to comply with the noise limits outlined in condition E7, Schedule E, Table 1 - Noise Limits at Sensitive Receptors, (EPPG00878413) by installing a noise barrier at the Kenya Central Processing Plant (Kenya CPP)

1 May 2017

31 October 2017

2. QGC will use its best endeavours to meet the following target dates for the Engineering, Procurement and Construction of a noise barrier at the Kenya CPP site:

- (a) Issue Container Supply Tender - 16 May 2017
- (b) Detailed Design Completed - 8 June 2017
- (c) Commence Container Painting/Delivery - 26 June 2017
- (d) Mobilisation to Site - 29 June 2017
- (e) Earthworks (Pile Caps) - 13 July 2017

16 May 2017

31 October 2017

(f) Piling - 27 July 2017 (g) Commence Barrier Installation - 18 September 2017 (h) Installation Complete - 31 October 2017.		
3. QGC will continue to use its best endeavours to negotiate an alternative arrangement and execute an alternative arrangement agreement with the Nothdurfts, subject to reaching reasonable commercial terms. Note: In the event that an alternative arrangement agreement is executed with the Nothdurfts, the administering authority will cancel this TEP.	1 May 2017	31 October 2017

Performance indicators [section 331(g)] Detail how and when each action will be measured to indicate that the action was completed successfully and that the objective of the TEP is being achieved. Performance indicators must not be measured more than six months apart [section 331(g)] and must be quantitative (that is, able to be measured, assessed and audited in a consistent, objective and repeatable manner).	Commencement date	Completion date
1. By 5pm on the first day of each month commencing 1 June 2017, QGC will provide the administering authority southwest.ES@ehp.qld.gov.au with written correspondence outlining the progress of actions to achieve compliance with the noise limits outlined in condition E7, Schedule E, Table 1 - Noise Limits at Sensitive Receptors, EPPG00878413	1 June 2017	1 November 2017
2. Upon installation of the noise barrier at the Kenya CPP Site, ASK Acoustics & Air Quality (ASK) Consulting, the independent acoustic specialist, will conduct noise monitoring at the Nothdurft Residence and/or the Representative Location to confirm compliance with condition E7, Schedule E, Table 1 - Noise Limits at Sensitive Receptors, (EPPG00878413), and a report will be provided to the administering authority detailing the outcome of that noise monitoring	31 October 2017	30 January 2018
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Monitoring [section 331(h)] Provide details of the monitoring activities required to ensure compliance with the proposed TEP actions and dates. This includes details of who will conduct the activities, how monitoring needs to occur and the environmental and scientific testing that may be	Commencement date	Completion date

required.		
1. QGC will continue to engage ASK (as an independent suitably qualified expert) to carry out noise monitoring at the Nothdurft Residence and/or the Representative Location as set out in the Requirements of EPO STAT1085/CR73680 (attached).	1 May 2017	30 September 2017
2. Upon installation of the noise barrier at the Kenya CPP Site, ASK will conduct noise monitoring at the Nothdurft Residence and/or the Representative Location to confirm compliance with condition E7, Schedule E, Table 1 - Noise Limits at Sensitive Receptors, (EPPG00878413), and a report will be provided to the administering authority detailing the outcome of that noise monitoring.	31 October 2017	30 January 2018

Reporting [section 331(h)] Regular progress reports are to be provided to EHP on specified dates including monitoring results, a description of activities and issues from the previous month and any proposed activities for the next month. A final report describing how the objective(s) of the TEP was achieved must be provided within one month of the final action being completed and prior to the end date of the TEP. Failure to carry out prescribed actions must be reported.	Commencement date	Completion date
1. By 5pm on the first day of each month commencing 1 July 2017, QGC will provide the administering authority southwest.ES@ehp.qld.gov.au with written correspondence outlining the progress of actions to achieve compliance with the noise limits outlined in condition E7, Schedule E, Table 1 - Noise Limits at Sensitive Receptors, EPPG00878413.	1 June 2017	1 November 2017
2. Upon reasonable request by the administering authority, QGC will provide raw data and audio monitoring collected at the Nothdurft Residence and/or the "Representative Location" pursuant to the Requirements of EPO STAT1085/CR73680.	1 June 2017	30 January 2018

Declaration

As per section 481 of the *Environmental Protection Act 1994*, it is an offence to state anything to an authorised person that you know is false or misleading in a material particular or omit from a statement made to an authorised person anything without which the statement is, to your knowledge, misleading in a material particular.

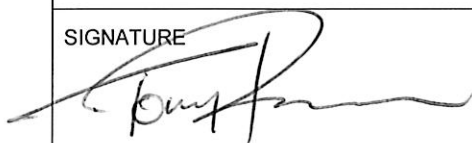
I declare that:

- I do solemnly and sincerely declare that the information provided is true and correct to the best of my knowledge. I understand that it is an offence under section 480 of the *Environmental Protection Act 1994* to give to the administering authority, or an authorised person, a document containing information that I know is false, misleading or incomplete in a material particular¹.
- I understand that information supplied on or with this application form may be disclosed publicly in accordance with the *Right to Information Act 2009* and the *Evidence Act 1977*.

INDIVIDUAL OR IF COMPANY, EXECUTIVE OFFICER NAME

Anthony Pearce

SIGNATURE



POSITION OF SIGNATORY (IF RELEVANT)

General Manager HSSE

DATE

28/04/2017

Please return your completed application to

Post:

Department of Environment and
Heritage Protection
GPO Box 2454
BRISBANE QLD 4001

Courier or hand delivery:

Permit and Licence Management
Department of Environment and Heritage Protection
Level 3, 400 George Street
BRISBANE QLD 4000
Business hours: 8:30am–4:30pm business days

Enquiries:

Permit and Licence Management
Phone: 1300 130 372
Fax: (07) 3330 5875
Email: palm@ehp.qld.gov.au