From: VENTURA Simone [simone.ventura@ehp.qld.gov.au]
Sent: Wednesday, 29 October 2014 10:37 AM
To: VENTURA Simone
Subject: RE: Acceptance of Drill cuttings at NuGrow's Kogan facility

After confirming the departments position with ISRS, SV called Peter (10.20am, 29/10/14) and advised that their proposal would require ERA53 and BUA approval or ERA55. The department is taking actions to ensure that this approach is being implemented consistently across the state. Peter is aware and has a copy of the GHD report for using non-organic wastes in composting and what they propose will be consistent with that report. The maximum contaminant limits in the report would be adopted. Peter enquired as to how long an assessment of an amendment application would take if they submitted the application tomorrow. SV advised that WCLA is busy at the moment however if Nugrow advised that they propose use of the resource consistent with the GHD report then the application should only take 2-3 weeks to assess. Peter also enquired if they could still use drill cuttings if they stayed below producing 200t/yr, while they get an ERA 53 EA. Nugrow could use the cuttings provided they don't exceed 200t (after which they would be unlawfully conducting ERA53 if they don't have an EA).

Simone Ventura
Principal Project Officer (Assessment), Industry and Development
Waste and Contaminated Land Assessment
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 8 | 400 George Street | Brisbane Qld 4000
GPO Box 2454 | Brisbane Qld 4001
Tel (Bris): 07 3330 5729 | **Tel (Ipswich Wed & Thurs):** 07 3894 8144
www.ehp.qld.gov.au

From: Peter Thompson [mailto:peterthompson@nugrow.com.au]
Sent: Wednesday, 29 October 2014 10:15 AM
To: VENTURA Simone
Subject: RE: Acceptance of Drill cuttings at NuGrow's Kogan facility

Hi Simone,

Just wondering how you are progressing with the items discussed in my previous email. Feel free to call me if you have any questions.

Kind Regards,
Peter Thompson
Environmental Compliance Manager

Site Address: Memorial Dr Swanbank
Postal Address: P.O.Box 4353 Raceview, QLD 4305
Mobile: sch4p4(6) Personal information
Fax: 3288 6831
peterthompson@nugrow.com.au
www.nugrow.com.au

EHP RTI DL Release

From: Peter Thompson
Sent: Monday, 27 October, 2014 10:33 AM
To: Ventura, Simone (simone.ventura@ehp.qld.gov.au)
Subject: Acceptance of Drill cuttings at NuGrow's Kogan facility
Importance: High

Hi Simone,

Thanks for your time on the phone today. As discussed, NuGrow would like to amend BUA (ENBU05261913) for its Kogan facility so that CSG drill cuttings can be added to Table 1, Condition 1 as an approved resource. NuGrow would like to blend the CSG cuttings with mature compost (which will be transported from NuGrow's other facilities) and spread this product out across Iona Park at a 10mm thickness. This blended compost will assist in crop/plant cultivation through its moisture retention properties as well as providing essential mineral nutrients for uptake.

NuGrow have reviewed historical data on the proposed drill cuttings and can confirm the properties and composition of the drill cuttings will be similar in nature to CSG drill fluids that NuGrow is already approved to accept at Kogan, except it will be in a solid form. As such, moving forward I propose that the only BUA amendment required is to include 'drill cuttings' into the 6th column of Table 1, Condition 1 after 'Coal seam gas produced water and drilling fluids' (refer to below addition in red). Thus the same testing/validation requirements for CSG drill fluids will also apply for drill cuttings. Given that this would not be a major change to the BUA, NuGrow are hoping we can amend the BUA by negotiation with DEHP.

EHP RTI DL Release

EHP RTI DL Release

During our phone conversation today I know we discussed the need for NuGrow to potentially require ERA 53 or 55 due to the fact that compost manufacture may exceed 200t per annum. However, I have had a bit more of a think about this and given that mature compost is being transported from external facilities, and NuGrow will simply just be blending the drill cuttings with the mature compost, NuGrow are technically not 'manufacturing compost' and therefore should not require ERA 53 or 55 (once the drill cuttings are blended with the mature compost, this product will immediately be spread and no composting/fermentation will occur).

I eagerly await your response and if you have any questions please don't hesitate to contact myself.

Kind Regards,
Peter Thompson
Environmental Compliance Manager

Plencove- logo2

Office: Unit 4/7 Sonia Court Raceview QLD 4305
Postal Address: P.O.Box 4353 Raceview, QLD 4305
Mobile: sch4p4(6) Personal information
Fax: 3288 6831
peterthompson@nugrow.com.au
www.nugrow.com.au

This Email is intended only for the exclusive use of the addressee and may contain information that is privileged, confidential, protected by copyright and/or exempt from disclosure at law. You must not edit this Email or any attachments without our express consent. Nugrow Pty Ltd nor its related companies are liable for any failed, corrupted or incomplete transmission of this Email or any attachments or for any viruses contained in them. By opening any attachments, you accept full responsibility for the consequences. If you are not the intended recipient, any dissemination, communication, reliance upon, copying or printing of this Email or any attachments is strictly prohibited, and you must immediately erase them permanently from your system, notify us and destroy any hard copies. Thank you.

EHP RTI DL Release

From: Peter Thompson [peterthompson@nugrow.com.au]
Sent: Wednesday, 5 November 2014 12:43 PM
To: PALM
CC: VENTURA Simone; Roy Wilson; Dan Stuart
Subject: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd
Attachments: Part A.pdf; Part B.pdf; Kogan SBMP V2 - PT.pdf

Dear Sir/Madam,

Please find attached to this email:

- Form A – General details for all applications
- Form B – Transfer or amendment of an approval of a resource for beneficial use
- Attachment A – Kogan Site Based Management Plan

Kind Regards,
Peter Thompson
Environmental Compliance Manager

Plencove- logo2

Office: Unit 4/7 Sonia Court Raceview QLD 4305
Postal Address: P.O.Box 4353 Raceview, QLD 4305
Mobile: sch4p4(6) Personal information
Fax: 3288 6831
peterthompson@nugrow.com.au
www.nugrow.com.au

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Form

Corporate

Part A - General details for all applications

OFFICIAL USE ONLY

DATE RECEIVED

FILE REF

PROJECT REF

COMPLETE FORM ☐

ENTERED BY [SIGNATURE]

DATE

RECEIPTING DETAILS ONLY

DATE RECEIPTED

RECEIPT NUMBER

AMOUNT RECEIVED

$

PROCESSED BY (INITIALS AND NAME)

Important information for applicants

This form asks for general applicant details and a description of the proposed project and any associated activities. The completed form must be submitted together with relevant activity specific Part B forms.

Specific details must accompany this form to enable your application to be processed. The guide provided will help you complete your application correctly. If you have any difficulties completing the form, contact Permit and Licence Management on 1300 130 372 (Option 4). Please number all attachments alphabetically (e.g. 'Attachment A').

Commercial and confidential information must be marked clearly. This information will not be disclosed, except where required by law (including the *Right to Information Act 2009*). If subsequent activities are added to the project, you will be required to resubmit this application with details of the additional activity.

Tick relevant boxes below if the applicant(s) are:

☐ an individual or sole trader

☐ individuals in a partnership

☐ individual(s) acting on behalf of an unincorporated organisation

→ Go to Section 1

☒ an incorporated company

☐ an incorporated association

☐ a statutory authority

☐ a body politic

→ Go to Section 2

EHP RTI DL Release

Guide

Question 1

The applicant is the person intending to carry out the activity and in whose name the relevant permits or licences are to be issued.

The registered address is legally required for the serving of notices.

It is the address of a person and cannot be a post office box.

If more than one applicant as part of a partnership, complete the form Joint Applicant Details (EM1863) and attach to this form.

1 Individual applicant(s) details

APPLICANT'S FULL NAME	TITLE	DATE OF BIRTH

REGISTERED ADDRESS	POST CODE

PHONE	FAX	EMAIL

POSTAL ADDRESS (WRITE "AS ABOVE" IF THE SAME AS REGISTERED ADDRESS)	POST CODE

Guardian details (if applicable)

A parent or legal guardian must complete the following details if an applicant is less than 18 years of age.

GUARDIAN'S FULL NAME	DATE OF BIRTH

GUARDIAN'S REGISTERED ADDRESS	POST CODE

GUARDIAN'S SIGNATURE	DATE

→ Go to Section 3

EHP RTI DL Release

Release

2 Applicant details

Question 2

The applicant is the registered legal entity (not a business trading name) intending to carry out the activity and in whose name the relevant permits or licences are to be issued.

The registered address is legally required for the serving of notices. It is the registered business address of the company making the application and cannot be a post office box.

Enter the Australian Business Number (ABN); or the Australian Company Number (ACN) of the incorporated company; or the Association Number (AN) of the incorporated association; or the title and section of the legislation that gives the statutory corporation its legal status.

REGISTERED LEGAL ENTITY NAME
NuGrow Roma Pty Ltd

TRADING NAME (IF APPLICABLE)
As above

REGISTERED ADDRESS	POST CODE
1456 Ekibin Rd, Tarragindi, Qld	4121

PHONE	FAX	E-MAIL/WEBSITE
3294 1371		www.nugrow.com.au

POSTAL ADDRESS (WRITE "AS ABOVE" IF THE SAME AS REGISTERED ADDRESS)	POST CODE
P.O.Box 4353 Raceview QLD	4305

ABN/ACN/AN OR TITLE AND SECTION OF LEGISLATION
ABN - 88151756517

EHP RTI/IP Release

Principal contact or person in charge details

PRINCIPAL CONTACT/PERSON IN CHARGE FULL NAME	TITLE
Peter Thompson	Mr

POSITION IN CORPORATION
Environmental Compliance Manager

TELEPHONE	FASCIMILE	E-MAIL/WEBSITE
sch4p4(6) Personal information		peterthompson@nugrow.com.au

POSTAL ADDRESS (WRITE "AS ABOVE" IF THE SAME AS REGISTERED ADDRESS)	POST CODE
PO Box, 4353, Raceview, Qld	4305

Authorised signatory

The authorised signatory is the person authorised to sign an application on behalf of a corporation and in doing so declares that the corporation will be bound by the conditions associated with the granting of the licence or permit.

AUTHORIZED SIGNATORY FULL NAME	TITLE
Peter Thompson	Mr

POSITION IN CORPORATION
Environmental Compliance Manager

3 Project details

Pre-lodgement

Have you previously attended a pre-lodgement meeting or submitted a pre-lodgement form for this project?

☒ No

☐ Yes

PROJECT NUMBER (IF APPLICABLE)
N/a

Project description

Briefly describe the proposed activities, works, development or management.

Attach a separate sheet if there is insufficient space below.

DESCRIPTION
The primary focus of the Facility is to beneficially use various resources to improve soil quality onsite. This in turn will result in the land at the site being more productive from a primary producer aspect or will simply result in the accumulation of organic carbon levels. These resources would otherwise be considered wastes and would be managed at a lower order of preference on the waste and resource management hierarchy. The approved resources are currently limited to those listed that meet the respective criteria for use listed in Table 1 - Resource Criteria of Permit number ENBU05029013, that are to be applied to land by NuGrow Roma Pty Ltd for the improvement of soils located at Iona Park, Milbank Boundary Rd, Kogan, Qld, 4406 (Lot 3 on DY117).

EHP RTI DL Release

Release

This information should at least provide enough details to allow a Department of Environment and Heritage Protection officer to locate the site of the proposal.

Give as much information as possible to accurately locate your activity, for example maps with contextual or boundary lines on plan or GPS boundary co-ordinates.

Geographical co-ordinates can include northing/easting, longitude/latitude.

Approvals required

Please list all Part B application forms you are attaching to this form.

APPLICATION FORMS
Transfer or amendment of an approval of a resource for beneficial use.

Project site

Where will the activities be conducted? Provide the street address, real property description(s) of the land(s) in which the project is located and local government area. If you require more space, attach a separate sheet.

STREET ADDRESS	
Iona Park, Milbank Boundary Rd, Kogan, Qld, 4406	
LOT	PLAN
3	DY117
LOCAL GOVERNMENT AREA	
Kogan	

If possible, provide a specific location within a protected area, a property name or an attached map with the project area clearly delineated. Also include the map name/details.

SPECIFIC LOCATION/PROPERTY NAME
Iona Park (refer to Attachment A - Kogan Site Based Management Plan for location map).
PROTECTED AREA
GEOGRAPHICAL CO-ORDINATES

Label all attachments alphabetically

(e.g. 'Attachment A')

Attachments

List all attached documents, including maps containing information supporting this application in the space below. If there are no attachments mark "N/A."

ATTACHMENTS (LABEL ALL ATTACHMENTS ALPHABETICALLY – E.G. "ATTACHMENT A")
Attachment A - Kogan Site Based Management Plan

EHP RTI DL Release

Release

Privacy statement

The Department of Environment and Heritage Protection is committed to protecting the privacy, accuracy and security of your personal information in accordance with the *Information Privacy Act 2009*. The department is collecting your personal information in accordance with the Act specified in the relevant Part B form in order to process your application. The information will only be accessed by authorised employees within the department. Some of this information may be given to another department or agency as indicated in the privacy statement on the relevant Part B form. Your information will not be given to any other person or agency unless you have given us permission or we are authorised or required by law. All information supplied on this form may be disclosed publicly in accordance with the *Right to Information Act 2009* and *Evidence Act 1977*. For queries about privacy matters email: AdminReview@ehp.qld.gov.au or telephone: (07) 3896 3705.

Further Information

The latest version of this publication can be found at <www.ehp.qld.gov.au>. Note: where available, the publication number (e.g. EM1124 for this document) can be used as a search term.

4 Applicant's certification

If you have not told the truth in this application you may be liable for prosecution under the relevant Acts or Regulations.

- I do solemnly and sincerely declare that the information provided is true and correct to the best of my knowledge.
- 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*.

APPLICANT (1) SIGNATURE
sch4-Signature

Joint applicant signatures (if applicable)

APPLICANT(2) SIGNATURE

APPLICANT(3) SIGNATURE

APPLICANT(4) SIGNATURE

APPLICANT(5) SIGNATURE

DATE
5/11/2014

Complete the following checklist.

☒ Application form(s) signed and completed

☒ Permit fees paid or enclosed (if applicable)

☒ Supporting information attached (e.g. maps)

Please return your completed application to:

Permit and Licence Management
Implementation Support Unit
Department of Environment and Heritage Protection
GPO Box 2454
Brisbane Queensland 4001

Enquiries: 1300 130 372 (Option 4)
Fax: (07) 3330 5875
Email: palm@ehp.qld.gov.au

EHP RTI DL Release

Application form—Part B

Waste Reduction and Recycling Act 2011

Transfer or amendment of an approval of a resource for beneficial use

Information

This form is to be completed to apply to transfer the benefit of, or to amend, a specific approval under s. 168 of the *Waste Reduction and Recycling Act 2011* (Waste Reduction Act).

Please complete and sign the form and number all attachments alphabetically (e.g. 'Attachment A'). You should also read any information material provided to understand any relevant policies and procedures.

EHP RTI DL Release

1. Applicant prerequisites

Are you the holder of the specific approval subject to this application? (Tick the appropriate box.)

☒ Yes → Please provide details below.

☐ No → You cannot make this application.

PERMIT NUMBER ENBU05261913
HOLDER NUGROW ROMA PTY LTD
BRIEF DESCRIPTION OF THE RESOURCE AND BENEFICIAL USE THE PRIMARY FOCUS OF THE FACILITY IS TO BENEFICIALLY USE VARIOUS RESOURCES TO IMPROVE SOIL QUALITY ONSITE. THIS IN TURN WILL RESULT IN THE LAND AT THE SITE BEING MORE PRODUCTIVE FROM A PRIMARY PRODUCER ASPECT OR WILL SIMPLY RESULT IN THE ACCUMULATION OF ORGANIC CARBON LEVELS. THESE RESOURCES WOULD OTHERWISE BE CONSIDERED WASTES AND WOULD BE MANAGED AT A LOWER ORDER OF PREFERENCE ON THE WASTE AND RESOURCE MANAGEMENT HIERARCHY. THE APPROVED RESOURCES ARE CURRENTLY LIMITED TO THOSE LISTED THAT MEET THE RESPECTIVE CRITERIA FOR USE LISTED IN TABLE 1 - RESOURCE CRITERIA OF PERMIT NUMBER ENBU05029013, THAT ARE TO BE APPLIED TO LAND BY NUGROW ROMA PTY LTD FOR THE IMPROVEMENT OF SOILS LOCATED AT IONA PARK, MILBANK BOUNDARY RD, KOGAN, QLD, 4406 (LOT 3 ON DY117).

2. Application type

Are you applying to transfer or amend a resource? (Tick the appropriate box.)

☐ **Transfer** the benefit of your existing specific approval of a resource for a beneficial use to another individual or company. (Please complete Section 3—'Transfer details'); or

Release

☒ **Amend** your existing specific approval of a resource for a beneficial use. (Please complete Section 4—'Amendment details').

EHP RTI DL Release

Release

3. Transfer details

NAME OF TRANSFEREE	ACN or ABN (and ANZSIC code if applicable)
TRADING NAME	PHONE NUMBER
REGISTERED ADDRESS	FAX NUMBER
POSTAL ADDRESS (if same as registered address write 'as above')	EMAIL ADDRESS
CONTACT NAME	CONTACT PHONE NUMBER (if different to applicant phone)

Transferee consent

I, as the proposed transferee, agree to the transfer of benefit of the specific approval. I understand that by agreeing to this transfer, I will be responsible for complying with any conditions that have been imposed on the approval if the application is approved.

FULL NAME	POSITION (e.g. Director, Manager, Owner)
TRANSFEREE SIGNATURE	DATE

EHP RTI DL Release

4. Amendment details

DETAILS OF THE AMENDMENT SOUGHT
NUGROW ROMA PTY LTD (HEREIN REFERRED TO AS NUGROW) WOULD LIKE TO AMEND TABLE 1, CONDITION 1 OF BUA PERMIT NUMBER ENBU05261913. NUGROW WOULD LIKE TO AMEND TABLE 1, CONDITION 1 SO THAT 'CSG DRILL CUTTINGS' ARE AN APPROVED RESOURCE.
REASON FOR AMENDMENT REQUEST
NUGROW SEEKS THE ABOVE AMENDMENT AS IT HAS IDENTIFIED THE NEED TO FIND A BENEFICIAL REUSE FOR THE INCREASING AMOUNT OF CSG DRILL CUTTINGS BEING PRODUCED AS A RESULT OF CSG OPERATIONS IN THE LOCAL AREA OF KOGAN AS WELL AS SURROUNDING DISTRICTS. NUGROW WOULD LIKE TO BLEND THE CSG DRILL CUTTINGS WITH MATURE COMPOST (WHICH WILL BE TRANSPORTED FROM NUGROW'S OTHER FACILITIES) AND SPREAD THIS BLENDED COMPOST OUT ACROSS IONA PARK AT A 10MM THICKNESS. THE INTENDED RESULT OF BLENDING THE CSG CUTTINGS THROUGH THE MATURE COMPOST AND THEN SPREAD OUT ACROSS IONA PARK IS TO ASSIST IN CROP/PLANT CULTIVATION. THIS WILL BE ACHIEVED AS THE CSG DRILL CUTTINGS WILL PROVIDE THE BLENDED COMPOST WITH ADDITIONAL

 Release

MOISTURE RETENTION PROPERTIES AS WELL AS PROVIDING ESSENTIAL MINERAL NUTRIENTS FOR PLANT/CROP UPTAKE. NUGROW CAN CONFIRM THAT UNTIL ERA 53 IS OBTAINED, ANY BLENDING OF COMPOST WITH CSG DRILL CUTTINGS WILL BE DONE AT A RATE OF LESS THAN 200 TONNE PER YEAR.

NUGROW HAVE REVIEWED HISTORICAL DATA ON THE PROPOSED DRILL CUTTINGS AND CAN CONFIRM THE PROPERTIES AND COMPOSITION OF THE DRILL CUTTINGS WILL CONFORM TO TABLE 3.3 OF GHD REPORT TITLED 'REVIEW OF REGULATED NON-ORGANIC WASTES IN COMPOSTING, TECHNICAL REPORT'.

IN ORDER FOR THIS AMENDMENT TO TAKE EFFECT I PROPOSE THAT THE ONLY WORDING CHANGE REQUIRED TO THE BUA IS TO INCLUDE 'DRILL CUTTINGS' AS A NEW APPROVED RESOURCE IN TABLE 1, CONDITION 1, IN THE RESOURCE COLUMN. IN THE CRITERIA COLUMN DEHP MAY WISH TO PUT A CONDITION SUCH AS CSG CUTTINGS USED WILL CONFORM TO TABLE 3.3 OF GHD REPORT TITLED 'REVIEW OF REGULATED IN-ORGANIC WASTES IN COMPOSTING, TECHNICAL REPORT'.

NOTE: If more space is required please include the relevant information as an attachment to this form.

5. Fees

Please see below for details of fees[1] relating to a transfer or amendment of a specific approval.

Application to transfer the benefit of an approval (Waste Reduction Act, s. 168(2)(d))	$
Application to amend an approval (Waste Reduction Act, s. 168(2)(d)):	
i) for an amendment of a condition to add a new site	50% of the application fee for an application for a specific approval for the same resource
ii) for any other amendment	25% of the application fee for an application for a specific approval for the same resource

6. Payment

Enclosed with this application (cheque, money order, etc) is the applicable fee of:

☐ $ for the transfer of the benefit of an approval; or

☐ $ 1,575.25 (please call 0422 811 936 for credit card details for payment)

for an amendment of an approval.

NOTE: Cheques should be made payable to the Department of Environment and Heritage Protection.

7. Declaration

- I declare that the information provided is true and correct to the best of my knowledge and I make this solemn declaration conscientiously believing the same to be true.
- I am aware that under s. 265 of the *Waste Reduction and Recycling Act 2011*, it is an offence to give the administering authority information that I know is false, misleading or incomplete in any material particular. The maximum penalty for such action is 1665 penalty units for an individual or two years

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[1] Details on the application fee for an application for a specific approval for the same resource can be found in Schedule 7, section 45 of the Waste Reduction and Recycling Regulation 2011.

imprisonment, or 8325 penalty units where the applicant is a corporation (s. 181B (3) of the *Penalties and Sentences Act 1992* (PS Act)). Refer to the PS Act for value of a penalty unit.

- I understand that all 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*.
- I understand that an incomplete application (including applications that do not include the fee) may be invalid. Invalid applications will be returned without processing and will only be processed if resubmitted with all invalidating issues addressed.

APPLICANT'S FULL NAME	
Peter Thompson	
APPLICANT'S SIGNATURE sch4-Signature	DATE 5/11/2014

8. Applicant checklist

- ☒ Application form(s) completed and signed
- ☒ Permit fees paid or enclosed
- ☒ Supporting information attached (if applicable)

Please return your completed application to:

Permit and Licence Management
Implementation and Support Unit
Department of Environment and Heritage Protection
GPO Box 2454
BRISBANE QLD 4001

EHP RTI DL Release

Privacy statement

The Department of Environment and Heritage Protection (EHP) is committed to protecting the privacy, accuracy and security of your personal information in accordance with the *Information Privacy Act 2009*. EHP is collecting your personal information in accordance with s.157 (2) of the *Waste Reduction and Recycling Act 2011* in order to in order to apply for an approval of a resource for beneficial use. The information will only be accessed by authorised employees within the department. Your information will not be given to any other person or agency unless you have given us permission or we are authorised or required by law. All information supplied on this form may be disclosed publicly in accordance with the *Right to Information Act 2009* and *Evidence Act 1977*. For queries about privacy matters, email <AdminReview@ehp.qld.gov.au> or telephone (07) 3330 5448.

Enquiries

Permit and Licence Management
Phone: **1300 130 372 (Option 4)**
Fax: (07) 3330 5875
Email: <palm@ehp.qld.gov.au>

From: VENTURA Simone [simone.ventura@ehp.qld.gov.au]
Sent: Friday, 12 December 2014 3:42 PM
To: 'Peter Thompson'
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd
Attachments: 20141212 ENBU05261913 - Nugrow_amend_DRAFT DECISION NOTICE.pdf

Hi Peter,

As discussed, please see attached draft amended conditions for your comment. The text in blue indicates the changes proposed. Can you please let me know if Nugrow is agreeable to the conditions by 2 January 2015, otherwise feel free to contact me if you have any questions.

Cheers

Simone Ventura
Principal Project Officer (Assessment), Industry and Development
Waste and Contaminated Land Assessment
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 8 | 400 George Street | Brisbane Qld 4000
GPO Box 2454 | Brisbane Qld 4001
Tel (Bris): 07 3330 5729 | **Tel (Ipswich Wed & Thurs):** 07 3894 8144
www.ehp.qld.gov.au

From: Peter Thompson [mailto:peterthompson@nugrow.com.au]
Sent: Wednesday, 5 November 2014 12:43 PM
To: PALM
Cc: VENTURA Simone; Roy Wilson; Dan Stuart
Subject: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Dear Sir/Madam,

Please find attached to this email:

- Form A – General details for all applications
- Form B – Transfer or amendment of an approval of a resource for beneficial use
- Attachment A – Kogan Site Based Management Plan

Kind Regards,
Peter Thompson
Environmental Compliance Manager

Plencove- logo2

EHP RTI DL Release

Office: Unit 4/7 Sonia Court Raceview QLD 4305
Postal Address: P.O.Box 4353 Raceview, QLD 4305
Mobile sch4p4(6) Personal information
Fax: 3288 6831
peterthompson@nugrow.com.au
www.nugrow.com.au
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EHP RTI DL Release

DRAFT Notice

Amendment of an approval of a resource for beneficial use

This notice is issued by the chief executive, pursuant to section 168 of the *Waste Reduction and Recycling Act 2011* to advise you of a decision by the chief executive and your review and appeal rights.

Nugrow Roma Pty Ltd
4/7 Sonia Court
RACEVIEW QLD 4305

Our reference : PR: 409312, App. no. 543076

Attn: Mr Peter Thompson, Environmental Compliance Manager

Dear Mr Thompson

Re: Amendment application for approval of a resource by Nugrow Roma Pty Ltd for the beneficial use of multiple wastes in a soil rejuvenation program (ENBU05261913)

The chief executive has considered your application that was received on 5 November 2014 and decided to approve the application. The amendments take effect from the date of this Notice

This approval (ENBU05261913) is a specific approval of which Nugrow Roma Pty Ltd (ABN 88 151 756 517) has the benefit and it is subject to the conditions set out in the attached schedule, issued in accordance with section 166 of the *Waste Reduction and Recycling Act 2011*.

The approval of the resource remains in force until **23 January 2019** (the period of the approval) unless the approval is replaced, suspended or cancelled.

The issuing of this approval for the beneficial use of a resource does not warrant or imply the lawfulness of the activity under other legislation, or that all approvals necessary under other legislation have or will be approved. It is the responsibility of the applicant to identify and obtain all other approvals necessary for the proposed activity.

The issuing of this approval also does not remove the obligation for the holder of the approval to take all reasonable and practicable measures to prevent and/or to minimise the likelihood of environmental harm being caused (the 'general environmental duty', see s. 319 of the *Environmental Protection Act 1994*). Environmental harm is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes environmental nuisance.

Guidance on acceptable approaches to monitoring compliance with this approval is provided in Appendix C of this document.

DRAFT Not for Release

Additional Advice about the application

You may apply to the chief executive for a review of this decision within 14 days of receiving this notice. Applications must be made using the approved form, "Application for Internal Review of an Original Decision" (EM219), which is available at <www.ehp.qld.gov.au> using the publication number EM219 as a search term. The completed form must be sent to the address on the form.

An application to review a decision does not stay the original decision. If you apply for an internal review of this decision you can also apply to the chief executive (using the same form) or the Queensland Civil and Administrative Tribunal (using form 44, "Application to Stay a Decision" available at <www.qcat.qld.gov.au>) for a stay of the original decision.

Sections 174-179 of the *Waste Reduction and Recycling Act 2011* cover the internal review process.

Should you have any queries in relation to this Notice, please contact Simone Ventura in the telephone number listed below.

Yours sincerely,

Signature

Date

Kelly Gleeson
Manager, Industry and Development
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SCHEDULE: CONDITIONS

Limitations of approval

1. The approved resources are limited to those listed that meet the respective criteria for use listed in *Table 1 – Resource criteria*[1], that are to be applied to land by Nugrow Roma Pty Ltd (holder of the approval) for the improvement of soils located at Iona Park, Millbank Boundary Road, Kogan Qld 4406 (Lot 3 on DY117) (the **site**).

Table 1 – Resource criteria[2]

Resource	Criteria
Green waste	Green waste will only be utilised in the following scenarios: (a) in onsite composting; (b) applied as mulch to the surface layer of the ground surface; and/or (c) incorporated within the soil (top 10cm only).
Food waste	Food waste (liquid and solid) will only be incorporated in onsite composting windrows.
Livestock manure	Livestock manure will be applied directly to land or used in manufacturing compost.
Biosolids	Biosolids will be applied directly to land or used in manufacturing compost. Biosolids to be directly applied to land meet at least S*tabilisation Grade B*[3], and *Contaminant Grade C*[4] classified as suitable for *Restricted Use 2* under the New South Wales Environmental Protection Authority *Environmental Guidelines: Use and Disposal of Biosolids Products* (2000) (the NSW Guidelines). Biosolids to be used in manufacturing compost meet at least S*tabilisation Grade B*[5], and *Contaminant Grade D*[6] under the NSW Guidelines.
Treated sewage effluent	Treated sewage effluent: (a) will be released to the **main dam** for storage prior to irrigation; and (b) does not have, or prior to release to the main dam will be treated by ozone disinfection on site[7] so that it does not have, *Escherichia coli* (E. Coli) concentrations that exceed 10,000 cfu/100mL found in 95% of the samples taken for a 12 month period[8]; and (c) will not be used on food crop including **minimally processed food crop**.
Coal seam gas (CSG) produced water and drilling fluids	CSG produced water and drilling fluids used: (a) have a pH of at least 6 but not more than 10.5; and (b) have an electrical conductivity of less than 15,000 µS/cm.

[1] Any resource that is not used as stated in condition 1 is considered a waste and must be managed in accordance with the *Environmental Protection Act 1994* and *Waste Reduction and Recycling Act 2011*, and their subordinate legislation.
[2] Resource sampling and analysis for biosolids should be conducted in accordance with the procedures detailed in *Schedule 1— Biosolids sampling and analysis procedures* and *Schedule 2— Grading, sampling and compliance procedures* of the NSW Guidelines.
[3] Biosolids must meet at least one of the requirements for pathogen reduction and the vector attraction requirements in Table 3–3 *Biosolids Stabilisation Requirements* of the NSW Guidelines.
[4] Biosolids must not exceed the contaminant acceptance concentration limits for Grade C listed in Table 3–1 *Contaminant Concentration Thresholds* of the NSW Guidelines.
[5] Biosolids must meet at least one of the requirements for pathogen reduction and the vector attraction requirements in Table 3–3 *Biosolids Stabilisation Requirements* of the NSW Guidelines.
[6] Biosolids must not exceed the contaminant acceptance concentration limits for Grade D listed in Table 3–1 *Contaminant Concentration Thresholds* of the NSW Guidelines.
[7] To remove any doubt, treated sewage effluent with *E.Coli* concentrations >10,000 cfu/100mL may be received on site however must be treated prior to being released to the main dam using ozone disinfection methods to ensure that *E. Coli* concentrations do not exceed 10,000 cfu/100mL found in 95% of the samples taken for a 12 month period.
[8] Based on the Department of Energy and Water Supply (2008) *Water quality guidelines for recycled water schemes*, available at <www.dews.qld.gov.au>, and the *Public Health Regulation 2005*.

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Drilling mud	Drilling mud: (a) will be mixed with compost that meets the requirements of the most recent version of Australian Standard 4454 Composts, soil conditioners and mulches; (b) will be mixed at a ratio of no less than 3:1 (compost to drilling mud); (c) complies with the limits and quality characteristics stated in *Appendix A – Drilling mud quality characteristics*; (d) does not contain **restricted stimulation fluids**; and (e) is in solid form with no free flowing liquid.

2. The resources must not have any properties nor contain any other contaminants at concentrations which may cause environmental harm[9] when used in accordance with the conditions of this approval.
3. Prior to the use of any resource under this approval, the holder of the approval must obtain written consent to use the resource from the person who possesses the resource, and keep records of the consent.

Resource monitoring

4. Any monitoring to determine the quality of resources applied to land on the site must be carried out on samples that are representative of the resources to be used.
5. Where the composition of a resource has changed or is likely to change, sufficient monitoring must be conducted to detect and characterise the extent of any change.
6. An **appropriately qualified person** must monitor, record and interpret all parameters listed in *Table 1 – Resource criteria* as part of this approval.
7. All analyses undertaken as a part of this approval must be carried out by a laboratory that has NATA certification, or an equivalent certification, for such analyses.

Use of the resources

8. The use of the resources must ensure that:
   a) the soil structure, stability and productive capacity of the land on the site is maintained or improved;
   b) there are no toxic effects to either crops or pasture plants; and
   c) yields and produce quality are maintained or improved.
9. The use of the resources must be undertaken in accordance with written procedures that:
   a) identify potential risks to the environment from the use of the resource during routine operations, closure and an emergency
   b) establish and maintain control measures that minimise the potential for environmental harm; and
   c) ensure that reviews of environmental performance are undertaken at least annually.
10. The use of the resources must not result in soil on the site being contaminated soil, when investigated in accordance with the current of the National Environment Protection (Assessment of Site Contamination) Measure 1999.
11. The resources must not be released directly or indirectly to land, air, or **waters** in a way or at a concentration that would cause environmental harm.

Records

12. All information and records that are required by the conditions of this approval must be kept for a minimum of five (5) years, and must be provided to the **chief executive** upon request.

[9] See section 14 of *Environmental Protection Act 1994*. Environmental harm includes any adverse effect or potential adverse effect on public amenity and safety, waters, and health of stock grazed and plants grown on land ameliorated by the resource.

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Noise

13. Noise resulting from the use of the resource must not cause an environmental nuisance.

Air

14. Odours or airborne contaminants which are noxious or offensive or otherwise unreasonably disruptive to public amenity or safety must not cause nuisance to any **sensitive place** or **commercial place**.

Transportation of resources

15. The resources must be handled and transferred in a manner that prevents the release of those resources during transporting, loading and unloading.
16. The following information must be recorded for each load of resource transported to the site:
    a) origin of the resource;
    b) date of pickup of the resource;
    c) date of delivery of the resource; and
    d) quantity of the resource.

Compost manufacturing

17. Compost in which the resources are used must be manufactured a rate of less than 200t per year[10].
18. Biosolids used in the compost must be treated in an aerobic process for at least 14 days. During that time, the temperature of the biosolids must be >40˚C and the average temperature >45˚C.
19. Any compost manufactured must meet the requirements for producing compost contained in Australian Standard 4454 *Compost, soil conditioners and mulches*.

Solid resource application to land

20. The application of biosolids, manures and compost (including compost mixed with drilling mud), to land must be conducted at an agronomic loading rate no greater than the lower of the nitrogen limited biosolids application rate (NLBAR) or the contaminant limited biosolids application rate (CLBAR) as determined in accordance with the NSW guidelines.
21. The following records must be kept for each land application of resources:
    a) details of the land on which the application occurs;
    b) date and time when the resource is applied;
    c) the calculated application rate at which the resource is to be applied; and
    d) the actual application rate.

Liquid resource application to land

22. The **liquid resources** to be irrigated to land must be of a quality that are suitable for irrigation, having been determined by an appropriately qualified person in accordance with the relevant assessment procedure listed in Appendix B.

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23. Liquid resources irrigated to land on the site must only be sourced from the main dam and must:
    a) not harm vegetation surrounding the irrigation area;
    b) not cause soil erosion and soil structure damage;
    c) not produce visible salting;

[10] Manufacturing compost or soil conditioners at a rate of greater that 200t per year constitutes Environmentally Relevant Activity 53 Composting or soil conditioner manufacturing and requires an Environmental Authority under the *Environmental Protection Act 1994*.

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d) not cause surface ponding of the resource;
e) not result in surface runoff;
f) ensure that percolation of the resource beyond the plant root zone is minimised;
g) not exceed plant fertiliser requirements; and
h) not generate aerosol or cause spray drift, unless the irrigation methods comply with condition 24.

24. Irrigation of the liquid resources using **spray methods** must only occur:
    (a) at a pressure of equal to or less than 20 pounds per square inch (PSI); and
    (b) at a distance that is greater than 25 metres from the boundary of the site where there is vegetation screening between the irrigation area and the boundary, or at a distance that is greater than 50 metres from the boundary of the site where there is no vegetation screening.

Withholding period

25. Animals must not be allowed to graze on land on the site, on which biosolids or treated sewage effluent has been applied, for a period of at least 30 days after application.

Storage of the resources

26. The resources must be stored in a manner to prevent contact with stormwater runoff.
27. Any water that has come in contact with the resources in either storage or composting areas must be collected and recycled or irrigated to land in a manner that complies with conditions 8, 10, 11 and 23 as if it were a resource.

Impact assessment

28. An annual assessment of groundwater quality must be undertaken to determine any detrimental impacts of the use or if any environmental harm has, or is likely to be, caused by the use of the resources.
29. An annual assessment of soil quality of land where the resources have been applied must be undertaken to determine if any impact or environmental harm has or is likely to be caused by the use of the resources.
30. Monitoring undertaken to assess impacts of the use of the resources on groundwater or soil quality must be compliant with the chief executive's most recent monitoring and sampling manual.

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DEFINITIONS

Words and phrases used throughout this approval are defined below. Where a definition for a term used in this approval is sought and the term is not defined within this permit the definitions provided in the relevant legislation shall be used.

Appropriately qualified person means a person who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis on performance relating to the subject matter using the relevant protocols, standards, methods or literature.

Biosolids means treated tank sludges and residues from a municipal sewage treatment plant including sedimentation tank and clarifier sludges, aerobically and anerobically digested sludge and filter cake products from those sewage treatment plants.

Coal seam gas project means an activity authorised under petroleum authority (under petroleum legislation including the *Petroleum Act 1923*, the *Petroleum and Gas (Production and Safety) Act 2004* and the *Petroleum (Submerged Lands) Act 1982*) for the extraction of coal seam gas.

Coal seam gas (CSG) production waters has the meaning in section 15A of the *Petroleum and Gas (Gas Production and* Safety*) Act 2004* and means CSG water or associated water for a petroleum tenure. It does not include the waste water resulting from simulation activities.

Chief executive means the Department of Environment and Heritage Protection or its successor.

Commercial place means a workplace used as an office or for business or commercial purposes, which is not part of the mining activity and does not include employees' accommodation or public roads.

Drilling fluids means liquids used in a drilling process for petroleum activities that are returned to the surface. It does not include residual drilling material or restricted stimulation fluids.

Drilling mud means a mixture of naturally occurring rock, soil, and water based drilling fluid generated during coal seam gas drilling operations at a coal seam gas project. It does not include drilling mud that has been generated by drilling through contaminated soils, acid sulphate soils (ASS) or potential acid sulphate soils (PASS).

Liquid resources mean treated sewage effluent and CSG drilling fluids.

Main dam means the dam located on the site which is used for the storage of treated sewage effluent and CSG drilling fluids.

Minimally processed food crop means a crop for a food product that—

(a) may be eaten raw; or
(b) will be subjected to a minimal food process only.
Examples of a minimal food process—washing, cutting, peeling, packaging.

Residual drilling material means waste drilling materials including muds and cuttings or cement returns from well holes and which have been left behind after the drilling fluids are pumped out.

Restricted stimulation fluids has the meaning in section 206 of the *Environmental Protection Act 1994* and means fluids used for the purpose of stimulation, including fracturing, that contain the following chemicals in more than the maximum amount prescribed under a regulation—

(a) petroleum hydrocarbons containing benzene, ethylbenzene, toluene or xylene;
(b) chemicals that produce, or are likely to produce, benzene, ethylbenzene, toluene or xylene as the chemical breaks down in the environment.

Sensitive place means:

(a) a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
(b) a motel, hotel or hostel; oran educational institution; or
(c) a medical centre or hospital; or
(d) a protected area under the Nature Conservation Act 1992, the Marine Parks Act 1992 or a World Heritage Area; or

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(e) a public park or gardens.

Site means Iona Park, Millbank Boundary Road, Kogan Qld 4406 (Lot 3 on DY117).

Spray methods for irrigation of liquid resources include those that are capable of generating aerosols and/or spray drift. They do not include methods such as drip, surface or sub surface irrigation.

Treated sewage effluent means sewage that has undergone treatment by sewage treatment works approved under the *Environmental Protection Act 1994* or the *Plumbing and Drainage Act 2002*.

Waters includes any river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part-thereof.

- END OF CONDITIONS -

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Appendix A—Drilling mud quality characteristics

Quality Characteristic	Limit	Unit	Limit type
Arsenic	80	mg/kg	Maximum
Barium	8000	mg/kg	Maximum
Boron	20	mg/kg	Maximum
Cadmium	4	mg/kg	Maximum
Chromium (VI)	1	mg/kg	Maximum
Chromium (III)	400	mg/kg	Maximum
Copper	600	mg/kg	Maximum
Lead	600	mg/kg	Maximum
Mercury	4	mg/kg	Maximum
Nickel	240	mg/kg	Maximum
Selenium	20	mg/kg	Maximum
Silver	40	mg/kg	Maximum
Vanadium	400	mg/kg	Maximum
Zinc	1200	mg/kg	Maximum
Total Petroleum Hydrocarbons (TPH) C_6-C_9	100	mg/kg	Maximum
Total Petroleum Hydrocarbons (TPH) C_{10}-C_{36}	1000	mg/kg	Maximum
Benzene	1	mg/kg	Maximum
Phenols (non halogenated)	60	mg/kg	Maximum
Phenols (halogenated)	1	mg/kg	Maximum
Sodicity (exchangeable sodium percentage)	15	percent (%)	Maximum
Salinity (EC)	1000	µS/cm	Maximum
Chloride	300	mg/kg	Maximum
pH	7.0 – 8.0	pH units	Range

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Appendix B

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Quality parameter	Assessment procedure
electrical conductivity	Salinity Management Handbook, with reference to Chapter 11; and/or Australian and New Zealand Guidelines for Fresh and Marine Water Quality, with reference to Volume 1 Chapter 4 and Volume 3 Chapter 9. The assessment should consider: • soil properties within the root zone to be irrigated (e.g. clay content, cation • exchange capacity, exchangeable sodium percentage) • water quality of the proposed resource (e.g. salinity, sodicity) • climate conditions (e.g. rainfall) • leaching fractions • average root zone salinity (calculated) • crop salt tolerance (e.g. impact threshold and yield decline) • management practices and objectives (e.g. irrigation application rate, • amelioration techniques) • broader landscape issues (e.g. land use, depth to groundwater) • any additional modelling and tests undertaken to support the varied water quality parameters.
sodium adsorption ratio	
pH	
heavy metals	Australian and New Zealand Guidelines for Fresh and Marine Water Quality, with reference to Volume 1 Chapters 3 and 4 and Volume 3 Chapter 9. The assessment should aim to derive site specific trigger values (e.g. cumulative contaminant loading limit) based on the methodology provided in the above mentioned procedure.

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Appendix C

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Advice

Please find following advice regarding the development of any monitoring programs used to help determine compliance with the conditions of approval. Monitoring programs and any written procedures for the use of the resources should be developed in accordance with best practice environmental management standards and reviewed regularly to ensure that current best practice is being implemented.

It is recommended that;

- Monitoring of biosolids to determine compliance with condition 1 should be conducted with samples taken at least every 120 dry tonnes[11].
- Monitoring of treated sewage effluent to determine compliance with condition 1 should be undertaken at least weekly.
- Monitoring of CSG drilling fluids and produced waters to determine compliance with condition 1 should be undertaken at least fortnightly.

Groundwater

Any groundwater monitoring program developed should provide for:

a) Installation and monitoring of bores installed in accordance with relevant Australian standards in aquifer(s) potentially affected by the use of the resource; and

b) The determination and keeping records of groundwater height and quality by sampling for at least the parameters, and at the frequency, stated in *Table 1 – Groundwater monitoring parameters*

Table 1 - Groundwater monitoring parameters

Parameter	Frequency
Standing groundwater level (metres AHD)	6 monthly
Arsenic	6 monthly
Cadmium	6 monthly
Chromium (Total)	6 monthly
Copper	6 monthly
Lead	6 monthly
Zinc	6 monthly
Nitrate	6 monthly
Chloride	6 monthly
Electrical conductivity (in-situ)	6 monthly
pH (in-situ)	6 monthly
E. Coli	6 monthly
Calcium	6 monthly
Nitrogen (total)	6 monthly
Phosphorous (total)	6 monthly
Sodium	6 monthly
Total Dissolved Solids	6 monthly

[11] Resource sampling and analysis for biosolids should be conducted in accordance with the procedures detailed in *Schedule 1— Biosolids sampling and analysis procedures* and *Schedule 2— Grading, sampling and compliance procedures* of the NSW Guidelines.

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Soil

Any soil monitoring program should provide for monitoring of at least the parameters, and at the frequency, stated in *Table 2 – soil monitoring parameters*.

Table 2 - Soil monitoring parameters

Parameter	Frequency
Electrical conductivity (EC)	6 monthly
pH	6 monthly
Exchangeable Cation Exchange Capacity (ECEC)	Annually
Exchangeable Sodium Percentage (ESP)	Annually
Sodium Adsorption Ratio (SAR)	Annually
Arsenic	Annually
Cadmium	Annually
Chromium (total)	Annually
Copper	Annually
Lead	Annually
Mercury	Annually
Nickel	Annually
Selenium	Annually
Zinc	Annually
DDT/DDD/DDE	Annually
Aldrin	Annually
Dieldrin	Annually
Chlordane	Annually
Heptachlor and heptachlor epoxide	Annually
Hexachlorobenzene (HCB)	Annually
Lindane	Annually
Benzene hexachloride (BHC)	Annually
PCBs	Annually

Irrigation

Liquid resource being irrigated to land from the main dam should be monitored for at least the quality parameters and at the frequency specified in *Table 3 – Main dam monitoring parameters*.

Table 3 - Main dam monitoring parameters

Quality parameter	Frequency
Electrical conductivity	Fortnightly
Sodium absorption ratio (SAR)	Fortnightly
pH	Fortnightly
E. Coli	Monthly
Alkalinity (bicarbonate, carbonate and hydroxide)	Quarterly
Arsenic	Quarterly
Aluminium	Quarterly
Boron	Quarterly
Cadmium	Quarterly
Chromium (total)	Quarterly
Copper	Quarterly

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Cobalt	Quarterly
Iron	Quarterly
Lead	Quarterly
Lithium	Quarterly
Manganese	Quarterly
Mercury	Quarterly
Molybdenum	Quarterly
Nickel	Quarterly
Selenium	Quarterly
Strontium	Quarterly
Vanadium	Quarterly
Zinc	Quarterly
Ammonium (NH_4^+)	Quarterly
Nitrate + nitrite	Quarterly
Total Kjeldahl Nitrogen (TKN)	Quarterly
Total Nitrogen	Quarterly
Total phosphorous	Quarterly
BTEX	Quarterly
Total dissolved solids (TDS)	Quarterly
Total petroleum hydrocarbons (TPH)	Quarterly
Flouride	Quarterly
Sulphate	Quarterly
Hardness (calculated)	6 monthly
Calcium, magnesium, sodium, and potassium	6 monthly
Chloride	6 monthly
Ortho phosphorous	6 monthly

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From: Peter Thompson [peterthompson@nugrow.com.au]
Sent: Tuesday, 23 December 2014 8:51 AM
To: VENTURA Simone
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Hi Simone,

As per our telephone conversation yesterday afternoon, due to the additional changes proposed by NuGrow, we would like to seek an extension to the decision date for the amendment to Environmental Licence ENBU05261913 . Thank you.

Kind Regards,
Peter Thompson
Environmental Compliance Manager

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Office: Unit 4/7 Sonia Court Raceview QLD 4305
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From: Peter Thompson
Sent: Monday, 22 December 2014 11:36 AM
To: VENTURA Simone
Cc: Roy Wilson (roywilson@nugrow.com.au); Dan Stuart
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Hi Simone,

Please find attached NuGrow's proposed amendments (with explanatory notes) to Environmental Authority ENBU05261913.

I have also attached the GHD report which was used to assist in coming up with maximum concentration thresholds for drill cuttings acceptance.

Should you have any questions please don't hesitate to contact me.

Kind Regards,
Peter Thompson

Environmental Compliance Manager

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From: VENTURA Simone [mailto:simone.ventura@ehp.qld.gov.au]
Sent: Friday, 12 December 2014 4:06 PM
To: Peter Thompson
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

No worries. See attached a Word version of the conditions.

Cheers

Simone Ventura
Principal Project Officer (Assessment), Industry and Development
Waste and Contaminated Land Assessment
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 8 | 400 George Street | Brisbane Qld 4000
GPO Box 2454 | Brisbane Qld 4001
Tel (Bris): 07 3330 5729 | **Tel (Ipswich Wed & Thurs):** 07 3894 8144
www.ehp.qld.gov.au

From: Peter Thompson [mailto:peterthompson@nugrow.com.au]
Sent: Friday, 12 December 2014 4:00 PM
To: VENTURA Simone
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Thanks Simone,

Would you mind sending through the document as a Microsoft Word document so I can track change NuGrow's proposed amendments/comments for DEHP review?

Kind Regards,
Peter Thompson
Environmental Compliance Manager

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From: VENTURA Simone [mailto:simone.ventura@ehp.qld.gov.au]
Sent: Friday, 12 December 2014 3:43 PM
To: Peter Thompson
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Hi Peter,

As discussed, please see attached draft amended conditions for your comment. The text in blue indicates the changes proposed. Can you please let me know if Nugrow is agreeable to the conditions by 2 January 2015, otherwise feel free to contact me if you have any questions.

Cheers

Simone Ventura
Principal Project Officer (Assessment), Industry and Development
Waste and Contaminated Land Assessment
Environmental Services and Regulation
Department of Environment and Heritage Protection
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From: Peter Thompson [mailto:peterthompson@nugrow.com.au]
Sent: Wednesday, 5 November 2014 12:43 PM
To: PALM
Cc: VENTURA Simone; Roy Wilson; Dan Stuart
Subject: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Dear Sir/Madam,

Please find attached to this email:

- Form A – General details for all applications
- Form B – Transfer or amendment of an approval of a resource for beneficial use
- Attachment A – Kogan Site Based Management Plan

Kind Regards,
Peter Thompson
Environmental Compliance Manager

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From: VENTURA Simone [simone.ventura@ehp.qld.gov.au]
Sent: Tuesday, 23 December 2014 11:24 AM
To: 'Peter Thompson'
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd
Attachments: 20141223 ENBU05261913 - NuGrow EXTENSION NOTICE.pdf

Hi Peter,

Please see attached a copy of the decision notice extending the assessment period for NuGrow's BUA amendment application. The original has been posted to you. We'll be in touch in the new year to discuss how to progress.

Have a good Christmas and New Year break.

Regards

Simone Ventura
Principal Project Officer (Assessment), Industry and Development
Waste and Contaminated Land Assessment
Environmental Services and Regulation
Department of Environment and Heritage Protection
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Tel (Bris): 07 3330 5729 | **Tel (Ipswich Wed & Thurs):** 07 3894 8144
www.ehp.qld.gov.au

From: Peter Thompson [mailto:peterthompson@nugrow.com.au]
Sent: Tuesday, 23 December 2014 8:51 AM
To: VENTURA Simone
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Hi Simone,

As per our telephone conversation yesterday afternoon, due to the additional changes proposed by NuGrow, we would like to seek an extension to the decision date for the amendment to Environmental Licence ENBU05261913 . Thank you.

Kind Regards,
Peter Thompson
Environmental Compliance Manager

Plencove- logo2

Office: Unit 4/7 Sonia Court Raceview QLD 4305
Postal Address: P.O.Box 4353 Raceview, QLD 4305
Mobile: sch4p4(6) Personal information

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Fax: 3288 6831
peterthompson@nugrow.com.au
www.nugrow.com.au
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From: Peter Thompson
Sent: Monday, 22 December 2014 11:36 AM
To: VENTURA Simone
Cc: Roy Wilson (roywilson@nugrow.com.au); Dan Stuart
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Hi Simone,

Please find attached NuGrow's proposed amendments (with explanatory notes) to Environmental Authority ENBU05261913.

I have also attached the GHD report which was used to assist in coming up with maximum concentration thresholds for drill cuttings acceptance.

Should you have any questions please don't hesitate to contact me.

Kind Regards,
Peter Thompson
Environmental Compliance Manager

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From: VENTURA Simone [mailto:simone.ventura@ehp.qld.gov.au]
Sent: Friday, 12 December 2014 4:06 PM
To: Peter Thompson
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

No worries. See attached a Word version of the conditions.

Cheers

Simone Ventura
Principal Project Officer (Assessment), Industry and Development
Waste and Contaminated Land Assessment
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 8 | 400 George Street | Brisbane Qld 4000
GPO Box 2454 | Brisbane Qld 4001
Tel (Bris): 07 3330 5729 | **Tel (Ipswich Wed & Thurs):** 07 3894 8144
www.ehp.qld.gov.au

From: Peter Thompson [mailto:peterthompson@nugrow.com.au]
Sent: Friday, 12 December 2014 4:00 PM
To: VENTURA Simone
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Thanks Simone,

Would you mind sending through the document as a Microsoft Word document so I can track change NuGrow's proposed amendments/comments for DEHP review?

Kind Regards,
Peter Thompson
Environmental Compliance Manager

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Office: Unit 4/7 Sonia Court Raceview QLD 4305
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From: VENTURA Simone [mailto:simone.ventura@ehp.qld.gov.au]
Sent: Friday, 12 December 2014 3:43 PM
To: Peter Thompson
Subject: RE: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Hi Peter,

As discussed, please see attached draft amended conditions for your comment. The text in blue indicates the changes proposed. Can you please let me know if Nugrow is agreeable to the conditions by 2 January 2015, otherwise feel free to contact me if you have any questions.

Cheers

Simone Ventura
Principal Project Officer (Assessment), Industry and Development
Waste and Contaminated Land Assessment
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 8 | 400 George Street | Brisbane Qld 4000
GPO Box 2454 | Brisbane Qld 4001
Tel (Bris): 07 3330 5729 | **Tel (Ipswich Wed & Thurs):** 07 3894 8144
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From: Peter Thompson [mailto:peterthompson@nugrow.com.au]
Sent: Wednesday, 5 November 2014 12:43 PM
To: PALM
Cc: VENTURA Simone; Roy Wilson; Dan Stuart
Subject: Amendment of an approval of a resource for beneficial use - NuGrow Roma Pty Ltd

Dear Sir/Madam,

Please find attached to this email:

- Form A – General details for all applications
- Form B – Transfer or amendment of an approval of a resource for beneficial use
- Attachment A – Kogan Site Based Management Plan

Kind Regards,
Peter Thompson
Environmental Compliance Manager

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Office: Unit 4/7 Sonia Court Raceview QLD 4305
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Notice

Waste Reduction and Recycling Act 2011

Notice of extension of decision period

This notice is issued by the Department of Environment and Heritage Protection (the department), pursuant to s. 159 (2) of the Waste Reduction and Recycling Act 2011, *to advise the applicant of a decision to extend the decision period for their application.*

Your reference:

Our reference: 101/0012851

NuGrow Roma Pty Ltd
1456 Ekibin Rd
TARRAGINDI QLD 4121

Attention: Peter Thompson, Environmental Compliance Manager

Dear Mr Thompson,

Re: Amendment application for beneficial use of a resource – NuGrow Roma Pty Ltd approval number ENBU05261913

This notice is issued to inform you that the department has fixed a later day for making a decision on your application in accordance with s. 159 (2) of the *Waste Reduction and Recycling Act 2011*. A decision on the application will be made by 4 February 2015.

The later date has been fixed at the request of NuGrow Roma Pty Ltd to allow the department sufficient time to assess additional changes proposed by NuGrow (refer to emails from yourself to Simone Ventura of the department dated 22 and 23 December 2014).

Should you have any queries in relation to this notice, please contact Simone Ventura of the department on telephone number (07) 3330 5729.

sch4-Signature

Signature

23/12/2014

Date

Olga Hawas
A/Manager (Assessment), Industry and Development
Environmental Services and Regulation

Enquiries:
Simone Ventura
Principal Project Officer (Assessment)
Waste and Contaminated Land Assessment
Ph. 07 3330 5729
Email: simone.ventura@ehp.qld.gov.au

ABN 46 640 294 485

Great state. Great opportunity.

Queensland Government

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