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Certificate of Registration

No: ENRE00240704A11

This registration certificate is issued by the Environmental Protection Agency.
This registration certificate takes effect from: 03-DEC-2004

This registration certificate is a requirement of section 73F of the *Environmental Protection Act 1994* and authorises the registered operator to undertake the activities listed below at the following places; subject to the conditions set out in a development approval attached to the premises, or the relevant code of environmental compliance.

Registered Operator: -

Clifton Sand and Gravel Pty Ltd
Groom and Lavers
106 Campbell Street
OAKEY QLD 4401

Place: -

Lot 2 Plan RP98601, Lot 3580 Plan A341839

College Green Road,CLIFTON QLD 4361

Registered Activity/ies: -

ERA 20(b) Extracting rock or other material - extracting rock (other than rock mined in block or slab form for building purposes), sand (other than foundry sand), clay (other than clay used for its ceramic properties, kaolin or bentonite), gravel, loam or other material (other than gravel, loam or other material under a mining tenement or an authority, lease, licence or permit mentioned in item 21C or 21D) from a pit or quarry using plant or equipment having a design capacity of 5 000 t or more, but less than 100 000 t, a year.

ERA 22(b) Screening etc. materials - screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining tenement or authority lease, licence or permit mentioned in item 21C or 21D) or by dredging using plant or equipment having a design capacity of more than 5 000 t, but less than 100 000 t, a year.

Sarah Fenaughty
Delegate
Environmental Protection Agency

03-DEC-2004

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Development Permit

Section 3.5.15 *Integrated Planning Act 1997*

This document replaces the document issued on 6 October 1999

EPA Permit[1] number:	IPDE00240804B11
Assessment Manager reference:	as above
Date application received by EPA:	11-NOV-2004
Permit[1] Type:	Development Approval for a MCU involving an ERA
Date of Decision:	22-DEC-2004
Decision:	Granted in full with conditions
Relevant Laws and Policies:	Environmental Protection Act 1994 and any subordinate legislation

Permit[1] Holder Details

Holder Type:
Principal Holder

Name:
Clifton Sand and Gravel Pty Ltd

Registered Address:
Groom & Lavers
106 Campbell Street
OAKEY QLD 4401

Postal Address:
Groom & Lavers
106 Campbell Street
OAKEY QLD 4401

Development Description

Property/Location

Lot/Plan:
Lot 2 Plan RP98601and Lot 3580 Plan A341839

Street address:
College Green Road CLIFTON QLD 4361

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service

Aspect of Development:

ERA 20(b) Extracting rock or other material - extracting rock (other than rock mined in block or slab form for building purposes), sand (other than foundry sand), clay (other than clay used for its ceramic properties, kaolin or bentonite), gravel, loam or other material (other than gravel, loam or other material under a mining tenement or an authority, lease, licence or permit mentioned in item 21C or 21D) from a pit or quarry using plant or equipment having a design capacity of 5 000 t or more, but less than 100 000 t, a year.

ERA 22(b) Screening etc. materials - screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining tenement or authority lease, licence or permit mentioned in item 21C or 21D) or by dredging using plant or equipment having a design capacity of more than 5 000 t, but less than 100 000 t, a year.

Contaminated Land

It is a requirement of the *Environmental Protection Act 1994* that if an owner or occupier of land becomes aware a Notifiable Activity (as defined by Schedule 2 of the *Environmental Protection Act 1994*) is being carried out on the land or that the land has been affected by a hazardous contaminant, they must, within 30 days after becoming so aware, give notice to the Environmental Protection Agency.

Environmentally Relevant Activities

The aforementioned description of any environmentally relevant activity (ERA) for which this permit is issued is simply a restatement of the ERA as prescribed in the legislation at the time of issuing this permit. Where there is any conflict between the abovementioned description of the ERA for which this permit is issued and the conditions specified herein as to the scale, intensity or manner of carrying out of the ERA, then such conditions prevai to the extent of the inconsistency.

This permit authorises the ERA. It does not authorise environmental harm unless a condition within this permit explicitly authorises that harm. Where there is no such condition, or the permit is silent on a matter, the lack of a condition or silence shall not be construed as authorising harm.

In addition to this permit, the person to carry out the ERA must be a registered operator under the Environmental Protection Act 1994. For the person to become a registered operator, they must apply for a registration certificate under section 73F of the Environmental Protection Act 1994.

L. Zambelli.

Luke Zambelli
Acting District Manager
Environmental Protection Agency

22-DEC-2004

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service

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Permit[1]

3.5.11 Integrated Planning Act 1997

Development Approval

Permit number: IPDE00240804B11

Valid From: 03-FEB-2005

Details

Permit Holder(s)	Name	Address
Principal Holder	Clifton Sand and Gravel Pty Ltd	Groom & Lavers 106 Campbell Street OAKEY QLD 4401

Activity(s)	Activity Location(s)
ERA 20(b) Extracting rock or other material - extracting rock (other than rock mined in block or slab form for building purposes), sand (other than foundry sand), clay (other than clay used for its ceramic properties, kaolin or bentonite), gravel, loam or other material (other than gravel, loam or other material under a mining tenement or an authority, lease, licence or permit mentioned in item 21C or 21D) from a pit or quarry using plant or equipment having a design capacity of 5 000 t or more, but less than 100 000 t, a year.	College Green Road CLIFTON QLD 4361
ERA 22(b) Screening etc. materials - screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining tenement or authority lease, licence or permit mentioned in item 21C or 21D) or by dredging using plant or equipment having a design capacity of more than 5 000 t, but less than 100 000 t, a year.	College Green Road CLIFTON QLD 4361

Conditions of Approval

Permit details:

Agency interest: Air

A1 Dust or particulate matter that will have or is likely to have an adverse effect on people living in or using the surrounding area shall not be permitted to emanate beyond the boundaries of the authorised places.

A2 The holder of this approval must take all reasonable and practicable measures necessary to prevent spillage and/or loss of particulate matter or windblown dust from trucks used for transporting aggregates from the authorised places. Reasonable and practicable measures may include but are not limited to:

(i) wetting down the load prior to transport;
(ii) having the entire load covered with a tarpaulin or similar material for the duration of transport; and
(iii) clearing of spillage from side rails, tail gates and draw bars of trucks prior to departure from the authorised place and prior to departure from the premises to which the load has been delivered.

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Permit[1]

3.5.11 Integrated Planning Act 1997
Permit number: IPDE00240804B11

A3 Unsealed trafficable areas must be maintained, at all times, in a condition which minimises the release of wind-blown or traffic-generated dust.

A4 Rehabilitation work must be carried out progressively in a manner so as to minimise releases of wind-blown dust to the atmosphere and to minimise erosion.

A5 Access to areas awaiting or being rehabilitated must be restricted by suitable barriers to prevent disturbance of these areas.

Agency interest: General

G1 The holder of this approval must:

(i) install all plant and equipment necessary to ensure compliance with the conditions; and
(ii) maintain such plant and equipment in a proper and efficient condition; and
(iii) operate such plant and equipment in a proper and efficient manner.

In this condition, 'plant and equipment' includes:

(i) plant and equipment used to prevent and/or minimise the likelihood of environmental harm being caused;
(ii) devices and structures to contain foreseeable escapes of contaminants and waste;
(iii) vehicles used to transport waste;
(iv) devices and structures used to store, handle, treat and dispose of waste;
(v) monitoring equipment and associated alarms; and
(vi) backup systems that act in the event of failure of a primary system.

G2 A copy of this approval must be kept in a location readily accessible to personnel carrying out the activity.

G3 Any record or document required to be kept by a condition of this approval must be kept at the authorised place for a period of at least five (5) years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

G4 No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.

An example of a substantial increase in the risk of environmental harm is an increase of ten percent (10%) or more in the quantity of the contaminant to be released into the environment.

G5 All instruments and devices used for the measurement or monitoring of any parameter under any condition of this approval must be calibrated, and appropriately operated and maintained.

G6 By 1 February 1999, the holder of this approval must implement an Integrated Environmental Management System (IEMS) for the management of the actual and potential environmental impacts resulting from the carrying out of the environmentally relevant activities.

G7 The holder of this approval must not implement an IEMS or amend an IEMS where such implementation or amendment would result in a contravention of any condition of this approval.

G8 The holder of this approval must submit details of any amendment of the IEMS to the administering authority with the annual return which immediately follows the enactment of any such amendment.

G9 The holder of this approval must:

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47

(a) develop and implement a Site-Based Management Plan for each authorised place which provides for the following functions:

- commitment and policy
- planning
- implementation
- measurement and evaluation
- review and improvement

(b) on or before 1 February 1999 have completed and implemented the Site-Based Management Plan.

(c) On or before 1 March 1999 a copy of the Site Based Management-Plan must be provided to the administering authority.

G10 A copy of the Site-Based Management Plan must be kept at the authorised place where practical.

G11 Rehabilitation of disturbed areas must take place progressively as works are staged and new areas of extraction are commenced within the authorised places.

G12 The holder of this approval must rehabilitate the licensed places in a manner such that:

(i) appropriate native species of vegetation only are planted and established;
(ii) potential for erosion of the site is minimised;
(iii) stormwater released from the site is not of a quality which is likely to cause environmental harm;
(iv) the likelihood of environmental nuisance being caused by release of dust is minimised; and
(v) the final landform is stable and not subject to slumping.

G13 At least three (3) months prior to ceasing carrying out the environmentally relevant activities at the authorised places the holder of this approval must prepare and submit a Site Rehabilitation and Decommissioning Report (SRDR) detailing practices and measures necessary to prevent or minimise environmental harm during and after the decommissioning of the environmentally relevant activities.

G14 The Site Rehabilitation and Decommissioning Report (SRDR) must address the following matters:

(i) a rehabilitation plan for the sites taking into account the final use of the land and relevant environmental considerations including but not limited to:

- the proposed shaping of the final landform after rehabilitation including an assessment of the stability of all works such as buffer distances and batter slopes;
- proposed nature of materials utilised and techniques employed for any proposed backfilling of extracted areas such as filling, compacting, topsoiling, overburden return and any other soil amelioration leading to vegetation establishment; and
- a program and timetable for all works proposed.

(ii) prevention or treatment of the release of contaminated stormwater runoff from raw material stockpiles and disturbed areas to the bed or banks of any watercourse.

Agency interest: Impacts on surrounds

I1 The holder of this approval must notify the administering authority in writing of any monitoring result which indicates an exceedance of any development approval limit within twenty eight (28) days of

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completion of analysis.

I2 The holder of this approval must ensure that the results of all monitoring performed in accordance with this environmental authority for the period covered by the return are submitted with the annual return.

I3 As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this approval, the holder of this approval must notify the administering authority of the release by telephone or facsimile.

I4 The notification of emergencies or incidents as required by condition number I3 must include but not be limited to the following:

(i) the holder of the approval;
(ii) the location of the emergency or incident;
(iii) the number of the approval;
(iv) the name and telephone number of the designated contact person;
(v) the time of the release;
(vi) the time the holder of the approval became aware of the release;
(vii) the suspected cause of the release;
(viii) the environmental harm and or environmental nuisance caused, threatened, or suspected to be caused by the release; and
(ix) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.

I5 Not more than fourteen (14) days following the initial notification of an emergency or incident, the holder of the approval must provide written advice of the information supplied in accordance with condition number I4 in addition to:

(i) proposed actions to prevent a recurrence of the emergency or incident;
(ii) outcomes of actions taken at the time to prevent or minimise environmental harm and or environmental nuisance, and

I6 As soon as practicable, but not more than six (6) weeks following the conduct of any environmental monitoring performed in relation to the emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this approval, the holder of the approval must provide written advice of the results of any such environmental monitoring performed.

I7 The written notification required by condition number I6 must include:

(i) the full analysis results; and
(ii) details of investigation or corrective actions taken; and
(iii) any subsequent analysis.

Agency interest: Land

L1 The environmentally relevant activities must be carried out by such practicable means necessary to prevent the release or likelihood of release of contaminants to land which may cause such land to become contaminated land.

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Permit[1]

3.5.11 Integrated Planning Act 1997
Permit number: IPDE00240804B11

Agency interest: Noise

N1 In the event of a complaint made to the administering authority about noise that is intrusive, and that the administering authority considers is not frivolous or vexatious, then the emission of noise from the authorised place must not result in levels greater than those specified in Table 1 of the attachment.

N2 Not withstanding any other condition of this approval, no operation in association with the authorised activities involving the movement of equipment, loading of vehicles or movement of vehicles onto or off the authorised place shall be carried out:-

(i) outside the hours of 6.00 AM to 6 00 PM Mondays to Fridays inclusive;
(ii) outside the hours of 6.00 AM to 6.00 PM Saturdays;
(iii) on Sundays; or
(iv) on Christmas Day, Good Friday or Anzac Day.

Agency interest: Social

S1 All complaints received by the holder of this approval relating to releases of contaminants from operations at the authorised place must be recorded and kept in a log book with the following details:

(i) time, date and nature of complaint;
(ii) type of communication (telephone, letter, personal etc.);
(iii) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then , Not identified, is to be recorded);
(iv) response and investigation undertaken as a result of the complaint;
(v) name of person responsible for investigating complaint; and
(vi) action taken as a result of the complaint investigation and signature of responsible person.

S2 In the event of a complaint being made to the administering authority about intrusive noise, and that the administering authority considers is not frivolous or vexatious, the holder of this approval must undertake to investigate any complaint of noise annoyance upon a written request from the administering authority to carry out such investigations.

S3 For the purposes of checking compliance with conditions N1 of this approval, monitoring of the noise levels from the environmentally relevant activities must be undertaken for at least the following descriptors, characteristics and conditions:

(i) LAmax, adj. T;
(ii) LAbg, T (or LA90, T);
(iii) LAN, T (where N equals statistical levels of 1, 10, 50, 90 and 99);
(iv) Max LpA T;
(v) LAeq, T ;
(vi) the level and frequency of occurrence of impulsive or tonal noise;
(vii) atmospheric conditions including temperature, relative humidity and wind speed and direction;
(viii) effects due to extraneous factors such as traffic noise; and
(ix) location, date and time of recording.

S4 The method of measurement and reporting of noise levels must comply with the Department of Environment and Heritage Noise Measurement Manual, Second Edition, March 1995, or more recent editions or supplements to that document as become available.

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S5 The measurement and reporting of noise levels must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required measurements.

S6 Records must be kept of the results of all monitoring of noise levels and other information required to be recorded in conjunction with such monitoring for a period of at least three (3) years.

Agency interest: Waste

W1 Procedures must be implemented to ensure that wastes are minimised, recycled, stored, handled and transferred in a proper and efficient manner.

W2 Records of trade waste agreements must be made available to an authorised person for inspection on request

W3 Where regulated waste is removed from the authorised place (other than by a release as permitted under another schedule of this approval), the holder of this approval must monitor and record the following:

(a) the date, quantity and type of waste removed;
(b) the name of the waste transporter and / or disposal operator that removed the waste; and
(c) the intended treatment and/or disposal destination of the waste.

(Note: Records of documents maintained in compliance with a waste tracking system established under the Environmental Protection Act 1994 or any other law for regulated waste will be deemed to satisfy this condition.)

W4 Regulated waste must not be sent for disposal at any facility without the written approval of the person operating that facility.

W5 Procedures must be implemented to ensure that the disposal of wastes generated in carrying out the environmentally relevant activities is to an appropriate facility that accepts such wastes, except as specifically provided for under the conditions of this approval.

Agency interest: Water

WA1 Contaminants that are likely to cause environmental harm must not be directly or indirectly released from the authorised place to any waters or the bed and banks of any waters except:

(i) as permitted under another condition of this approval; or
(ii) to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.

WA2 Except as otherwise provided by another conditions of this approval, the environmentally relevant activities must be carried out by such practicable means necessary to prevent and/or minimise the release or likelihood of release of contaminated runoff from the authorised place to any stormwater drain or waters or the bed or banks of any such waters. 'Contaminated runoff' for the purposes of this condition means stormwater and/or stormwater runoff that contains contaminants that may cause environmental harm.

WA3 By 1 November 1999 the holder of this approval, must develop and implement a Stormwater Management Plan which details how the holder of this environmental authority will effectively and appropriately manage the carrying out of the environmentally relevant activities so as to prevent, as far as is practicable, any contamination of stormwater and any release of contaminated stormwater.

WA4 In developing the Stormwater Management Plan and periodically updating it to incorporate changing practices and future options, the holder of the approval must have regard to the following hierarchy of

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preferred methods of dealing with stormwater. Where reasonable and practicable, the method of dealing with stormwater which is higher in the hierarchy must be adopted over another method which is lower in the hierarchy.

Hierarchy of methods of dealing with stormwater

(1) Avoid the contamination of stormwater in the first place, for example by roofing areas where contaminants and or wastes are stored or handled, diverting uncontaminated stormwater runoff away from areas where contaminants or wastes are stored or handled, by preventing the contact of incident rainfall with contaminants or wastes and utilising alternate materials and or processes.

(2) Minimise the quantity of contaminated stormwater generated, for example by minimising the size of areas where contaminants or wastes are stored or handled and by utilising alternate materials and or processes.

(3) Recycling of contaminated stormwater produced, for example by incorporating reuse, reprocessing, and utilisation of the stormwater for a worthwhile purpose.

(4) Treatment of any contaminated stormwater to render it less or non-hazardous.

(5) Release of the contaminated stormwater as a last resort.

WA5 The Stormwater Management Plan must provide detail on the works to be implemented and the timetable proposed to address at least the following issues:

· prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants, and
· diversion of upstream runoff away from areas containing wastes or contaminants, and
· minimisation of the size of contaminated areas, and
· cleaning of contaminated areas, and
· installation of oil separators, silt and rubbish traps, and stormwater diversion systems, and
· paving and roofing of contaminated areas, and

If soil is to be exposed or disturbed as a result of the activities conducted the Stormwater Management Plan must also address:

· minimisation of the amount of soil to be exposed or disturbed by staging works, and
· revegetation of exposed or disturbed areas as soon as practicable, and
· installation of sediment control measures such as settling basins, and
· diversion of upstream runoff from exposed or disturbed areas.

WA6 A copy of the Stormwater Management Plan must be provided to the administering authority by 1 December 1999.

WA7 A copy of the Stormwater Management Plan must be kept at the authorised place.

WA8 The holder of this approval must not implement a Stormwater Management Plan or amend a Stormwater Management Plan where such implementation or amendment would result in a

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contravention of any condition of this approval.

WA9	The holder of this approval must submit details of any amendment to the Stormwater Management Plan to the administering authority with the Annual Return which immediately follows the enactment of any such amendment.
WA10	The maintenance and cleaning of vehicles and any other earthmoving equipment must be carried out in areas from where contaminants cannot be released into any waters, roadside gutter or stormwater drainage system.
WA11	Any spillage of wastes, contaminants or other materials must be cleaned up as quickly as practicable. Such spillage must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or material to any stormwater drainage system, roadside gutter or waters.
WA12	All runoff from the stockpile(s) and the areas utilised for the operation of the stockpile(s) must be directed to the sedimentation dams.
WA13	All above ground chemical and fuel tank storage must be bunded so that the capacity of the bund is sufficient to contain at least one hundred percent (100%) of the largest storage tank plus ten percent (10%) of the second largest tank within the bund.
WA14	All chemical and fuel drum storage must be bunded so that the capacity of the bund is sufficient to contain at least twenty five percent (25%) of the maximum design storage volume within the bund.
WA15	All bunding must be constructed of materials which are impervious to the materials stored.
WA16	The base and walls of all bunded areas must be maintained free from gaps or cracks.
WA17	All bunded areas must be roofed where practicable.
WA18	Where it is not practicable to completely roof a bunded area the holder of this approval must ensure that any stormwater captured within the bund is free from contaminants or wastes prior to release to waters or any stormwater drain.
WA19	All empty drums must be stored with their closures in place.
WA20	All dams used for the storage or treatment of contaminants or wastes must be constructed and maintained to ensure the stability of the dams construction.
WA21	All dams used for the storage or treatment of contaminants or wastes must be installed and maintained so as to prevent any discharge through the bed or banks of the dam causing environmental harm or environmental nuisance in any waters
WA22	All practical measures must be taken to prevent short-circuiting in the sedimentation dams.
WA23	Diversion drains, appropriate grades or equivalent must be installed to ensure surface waters from disturbed areas, including operational or trafficable areas, are diverted to the sediment control system.
WA24	There must be no discharge from any sediment retention dam except in accordance with the requirements of the water schedule.
WA25	All unsealed roadways and other trafficked areas associated with the operation of the environmentally relevant activity must be formed and maintained so that contamination of stormwater by clay, soil (etc.) from those areas is minimised.

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Permit[1]

3.5.11 Integrated Planning Act 1997
Permit number: IPDE00240804B11

Signed

Luke Zambelli
Environmental Protection Agency
Date

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Attachment - Tables

Table 1 - Noise limits

Noise level dB(A) measured as	Noise measured at a 'noise sensitive place'		
	7am - 6pm	6pm - 10pm	10pm - 7am
$L_{AMAX, adj, T}$	Background + 5	Background + 5	Background + 3
	Noise measured at a 'Commercial place'		
$L_{AMAX, adj, T}$	Background + 10	Background + 10	Background + 8

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Attachment – Definitions

Words and phrases used throughout this permit[1] are defined below. Where a definition for a term used in this permit[1] is sought and the term is not defined within this permit[1] the definitions provided in the relevant legislation shall be used.

"administering authority" means the Environmental Protection Agency or its successor.

"annual return" means the return required by the annual notice (under section 316 of the *Environment Protection Act 1994*) for the section 73F registration certificate that applies to the development approval.

"approval" means 'notice of development application decision' or 'notice of concurrence agency response' under the *Integrated Planning Act 1997*.

"artificial waterway" means an artificial channel, lake or other body of water. Artificial waterway includes –

- an artificial channel that is formed because the land has been reclaimed from tidal water and is
- intended to allow boating access to allotments on subdivided land;
- other artificial channels subject to the ebb and flow of the tide; and
- any additions or alterations to an artificial waterway.

"authorised place" means the place authorised under this development approval for the carrying out of the specified environmentally relevant activities.

"canal" means an artificial waterway surrendered to the State. A canal is an artificial waterway connected, or intended to be connected, to tidal water; and from which boating access to the tidal water is not hindered by a lock, weir or similar structure.

"clinical waste" means waste that has the potential to cause disease including, for example, the following:

- animal waste;
- discarded sharps;
- human tissue waste;
- laboratory waste.

"coastal dune" means a ridge or hillock of sand or other material on the coast and built up by the wind.

"commercial place" means a place used as an office or for business or commercial purposes.

"dredge spoil" means material taken from the bed or banks of waters by using dredging equipment or other equipment designed for use in extraction of earthen material.

"dwelling" means any of the following structures or vehicles that is principally used as a residence –

- a house, unit, motel, nursing home or other building or part of a building;
- a caravan, mobile home or other vehicle or structure on land;
- a water craft in a marina.

"erosion prone area" means an area declared to be an erosion prone area under section 70(1) of the *Coastal Protection and Management Act 1995*.

"equivalent passenger tyre unit (EPU)" means a unit which allows for the following conversions:

- passenger tyre 1 EPU (9.5kg);
- light and medium commercials 2 EPU (19kg);
- truck and bus tyres 5 EPU (47.5kg);
- earthmoving and agricultural 50 EPU (475kg); and

large earthmoving 100 EPU (950)kg.

"geotechnical stability of the landfill unit" means a situation where instability related to the excessive settlement and subsidence caused by decomposition and consolidation of the wastes deposited in the landfill unit, and sliding instability of the unit slope has ceased.

"high water mark" means the ordinary high water mark at spring tides.

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"ignitable, corrosive, reactive or toxic materials" are materials as defined in the Queensland Government Environmental Protection Agency 'Technical guideline on landfill siting, design, operation and rehabilitation', 2003.

"infectious waste" means waste containing viable micro-organisms or their toxins which are known or suspected to cause disease in animals or humans.

"intrusive noise" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration –

- is clearly audible to, or can be felt by, an individual; and
- annoys the individual.
- In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to Australian Standard 1055.2 – 1997 Acoustics – Description and Measurement of Environmental Noise Part 2 – Application to Specific Situations.

"$L_{A\ 10,\ adj,\ 10\ mins}$" means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minute measurement period, using Fast response.

"$L_{A\ 1,\ adj,\ 10\ mins}$" means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minute measurement period, using Fast response.

"$L_{A,\ max\ adj,\ T}$" means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over any 10 minute period, using Fast response.

"land" in the "land schedule" of this document means land excluding waters and the atmosphere.

"landfill facility" means all contiguous land and structures, other appurtenances, and improvements on the land used or associated with the disposal of waste.

"landfill unit" means a discrete area of land or an excavation that receives solid waste.

"leachate" means a liquid that has passed through or emerged from, or is likely to have passed through or emerged from, a material stored, processed or disposed of at the licensed place which contains soluble, suspended or miscible contaminants likely to have been derived from the said material.

'liquid or semi-liquid waste' means a waste which failed the paint filter liquid test described in the document SW-846 'Test Methods for Evaluation of Solid Wastes Physical/Chemical Methods' published by the United States Environmental Protection Agency, Revision 5, April 1998 or updated version thereof.

"lower explosive limit" means the lowest percent by volume of a mixture of explosive gases in air that will propagate a flame at 25°C and atmospheric pressure.

"mg/L" means milligrams per litre.

"noxious" means harmful or injurious to health or physical well being.

"NTU" means nephelometric turbidity units.

"nuisance sensitive place" includes –

- a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
- a public thoroughfare, park or gardens; or

and includes a place within the curtilage of such a place reasonably used by persons at that place.

"offensive" means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

"ponded pasture" means a permanent or periodic pondage of water in which the dominant plant species are pasture species used for grazing or harvesting.

"protected area" means –

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- a protected area under the *Nature Conservation Act 1992*; or
- a marine park under the *Marine Parks Act 1992*; or
- a World Heritage Area.

"quarry material" means material on State coastal land, other than a mineral within the meaning of any Act relating to mining. Material includes for example stone, gravel, sand, rock, clay, mud, silt and soil, unless it is removed from a culvert, stormwater drain or other drainage infrastructure as waste material.

"regulated waste" means non-domestic waste mentioned in Schedule 7 of the *Environmental Protection Regulation 1998* (whether or not it has been treated or immobilised), and includes -

- for an element - any chemical compound containing the element; and
- anything that has contained the waste.

"statistically significant" means when the difference between groups of data is sufficient for a statistical test to reject the *null hypothesis.* For example, a requirement for a statistical test is that you have a minimum of two hypotheses, the null hypothesis and one or more alternative hypotheses. If you have data from two groups of bores (say A = background values and B = values at locations hydraulically down gradient of the landfill unit), and you wish to test whether A is different from B, the *null hypothesis* would be that A and B are from the same population (no significant difference). After performing the statistical test, you will either accept or reject the null hypothesis.

"site" means the place to which this development approval relates or the premises to which this development approval relates.

"special burial of waste" means a disposal method where earth moving equipment pushes the wastes to the bottom of the working face or into an excavated hole, and immediately covers it with earth or other waste material.

"tidal water" means the sea and any part of a harbour or watercourse ordinarily within the ebb and flow of the tide at spring tides.

"uppermost aquifer" means the geologic formation nearest to the natural ground surface that is an aquifer. The term includes any aquifers that are likely to be hydraulically interconnected with this aquifer within the landfill facility property boundary.

"watercourse" means a river, creek or stream in which water flows permanently or intermittently-

- in a natural channel, whether artificially improved or not; or
- in an artificial channel that has changed the course of the watercourse.

"waters" includes 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 the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part-thereof.

"50th percentile" means not more than three (3) of the measured values of the quality characteristic are to exceed the stated release limit for any six (6) consecutive samples for a release/monitoring point at any time during the environmental activity(ies) works.

"80th percentile" means not more than one (1) of the measured values of the quality characteristic is to exceed the stated release limit for any five (5) consecutive samples for a sampling point at any time during the environmental activity(ies) works

END OF CONDITIONS

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Queensland Government

Enquiries Sthree Hilton
Telephone (07) 4699 4367
Your reference
Our reference TWB3261

Environmental Protection Agency
Incorporating the
Queensland Parks and Wildlife Service

22 December 2004

Clifton Sand and Gravel Pty Ltd
C/- Groom and Lavers
106 Campbell Street
Oakey Qld 4401

Dear Mr and Mrs Smith

Information notice under section 621(4)for Replacement Registration Certificate and Development Approval

You are advised that your application for a registration certificate for two existing Environmentally Relevant Activities (ERA's) currently carried out by Helidon Sand and Gravel Pty Ltd has been granted.

Please find attached a development approval for the ERA's at Lot 2 on Plan RP98601 and Lot 3580 on Plan A341839. The development approval has been issued as a "replacement documents" under section 621 of the *Environmental Protection Act 1994* and there are minor changes to the wording of some conditions because as per section 620(2)(c) "the change was necessary because the condition was unclear or uncertain…". The registration certificate and development approval now issued replace and cancel Environmental Authority SR1061 in accordance with section 621 of the *Environmental Protection Act 1994*.

With regard to the decision to amend conditions of the development approval under section 620(2)(c), there are no appeal provisions, however if you believe you have been unfairly disadvantaged by the change in conditions the EPA would be happy to discuss this matter further.

With regard to the replacement development approval, you may apply to the EPA for a review of this decision within 10 business days of receiving this information notice. You may also appeal against this decision to the Planning and Environment Court.

The information sheet *Internal review (EPA), and appeal to court*, outlining the review and appeal processes under the *Environmental Protection Act 1994*, is included with this information notice. This information is intended as a guide only. You may have other legal rights and obligations.

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Should you have further enquiries regarding this matter please contact Sthree Hilton on (07) 4699 4367.

Yours sincerely

L. Zambelli.

Luke Zambelli
A/District Manager (South West)
Southern Region

cc. **C/- Bronco Motor Inn**
Charlton
Via Toowoomba Qld 4350