Queensland Government

Department of
Environment and Heritage Protection

29-MAY-2013

To: Caitwilxan Pty Ltd
T/A Gold Coast Dredging Services
PO Box 5251
Q SUPERCENTRE QLD 4218

Email: jimwallace@wallacehomes.com.au

Our reference: 241175

Re: Administrative Amendment

I refer to your email received 16 April 2013, requesting the amendment of your registered business address.

Please find your amended environmental authority (reference EPPR00780413) attached.

Should you have any further enquiries, please contact Nathan Sirl on telephone (07) 5583 2130.

Yours sincerely

	31/5/13
Signature	Date

Anthony Schmid
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Nathan Sirl
Permit and Licence Management
Department of Environment and Heritage Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: (07) 3330 5875
Email: palm@ehp.qld.gov.au
Website **www.ehp.qld.gov.au**
ABN 46 640 294 485

Enclosed

Permit - environmental authority (reference EPPR00780413)

Permit[1]

Environmental Protection Act 1994

Environmental authority

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Permit[1] number: EPPR00780413

Environmental authority takes effect on 29-MAY-2013.

The anniversary date of this environmental authority is 1 July. An annual return and the payment of the annual fee which is currently $2,428.80 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
Caitwilxan Pty Ltd T/A Gold Coast Dredging Services	25 Kurrawa Avenue MERMAID WATERS QLD 4218

Environmentally relevant activity and location details

Environmentally relevant activity	Location(s)
16-(1a) Dredging >1000t but <10000t yr	Canals & Creeks between Qld/NSW border & south bank of the Logan River

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

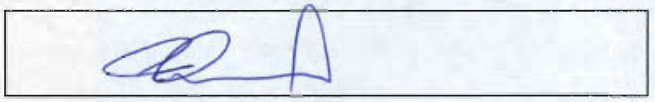
An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.



Signature

31/5/13

Date

Anthony Schmid
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Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
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Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Conditions of environmental authority

Location: Canals & Creeks between Qld/NSW border & south bank of the Logan River

Relevant activity:

16-(1a) Dredging >1000t but <10000t yr

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site specific conditions of approval.

SCHEDULE A - GENERAL

Dredging

(A 1) The registered operator of this development approval must only undertake maintenance dredging in the canals, rivers and creeks described as follows:

(i) Northern Waterway Maintenance Program defined by Gold Coast City Council Canal Dredging Program Map, Disk - SP-539, No. – Cnl_3yr_blk_W.Wor, updated – *12/02/99,* sheet - 1 of 3 (see Part 2 - Schedule J);
(ii) Central Area Canal Maintenance Program defined by Gold Coast City Council Canal Dredging Program Map, Disk - SP-539, No. – Cnl_3yr_blk_W.Wor, updated – *12/02/99,* sheet - 2 of 3 (see Part 2 - Schedule J);
(iii) Southem Area Canal Maintenance Program defined by Gold Coast City Council Canal Program Map, Disk - SP-539, No. – Cnl_3yr_blk_W.Wor, updated – *12/02/99,* sheet - 3 of 3 (see Part 2 - Schedule J);
(iv) Nerang River from the southern Broadwater to Carrara; and
(v) Little Tallebudgera Creek.

(A2) The only locations on which dredged material may be placed are canal, river and creek banks immediately adjacent to the dredged area.

General Compliance

(A5) The registered operator of this development approval must:

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

In this condition, "plant, equipment and measures" includes:

(i) plant, equipment and measures used to prevent and/or minimise the likelihood environmental harm being caused, for example, sedimentation ponds, waste water treatment systems,. screens, aerators and wastewater clarification systems (filters);
(ii) devices and structures to contain foreseeable escapes of contaminants and wastes, for example, bunds, drains and tail-water dams;
(iii) pipework, and associated structures used for transfer of water, wastewater and effluents;
(iv) devices and structures used to store, handle, treat and dispose of wastewater, for example, ponds, pumps, pipework and drains;
(v) monitoring equipment and 'associated alarms, for example, high level alarms on tanks, temperature sensors, pH, salinity and Dissolved Oxygen metres; and
(vi) backup systems that act in the event of failure of a primary system, for example, pumps and aerators.

Display of Development Approval

(A6) A copy of this development approval must be kept in a location readily accessible to personnel carrying out the activity.

Records

(A7) Any record or document required to be kept by a condition of this development approval must be kept where practicable to do so on the dredges and 10 Vantage Point Drive, Burleigh Heads for a period of at least five (5) years and be available for examination by an authorised person on request. 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.

Alterations

(A8) 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 development approval.

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.

Calibration

(A9) All instruments and devices used for the measurement or monitoring of any parameter under any condition of this development approval must be appropriately calibrated, operated and maintained.

Release of Visible Light
(A10) Any visible light released from the dredges must not, in the opinion of an authorised person, cause an environmental nuisance.

End of Conditions for Schedule A

SCHEDULE B - AIR

Dust Control/Minimisation

(B1) Dust or particulate matter that can have an adverse effect on people living in or using the surrounding area must not be permitted to emanate beyond the boundaries of the approved place.

(B2) Final shaping and profiling of dredged material must be carried out in such a manner as to minimise releases of wind-blown dust and erosion.

End of Conditions for Schedule B

SCHEDULE C - WATER

Quality Characteristics of Release

(C1) Notwithstanding the quality characteristics limits specified in this development approval, the release of contaminants to waters must comply with the following qualitative characteristics:

(a) the release must not have any properties, nor contain any organisms or other contaminants which are capable of causing environmental harm, or an environmental nuisance; and

(b) the release must not produce any slick or other visible evidence of oil or grease, nor contain visible floating scum, litter or other objectionable matter.

Description of Release

(C2) The only contaminants permitted to be released from the approved place in the carrying out of the environmentally relevant activity are:

(i) wastewater released from the dredged material,
(ii) sediments necessarily disturbed during extraction.

Release Points

(C3) Contaminants must not be directly or indirectly released from any source on the approved place to any waters at any location other than the contaminants and sources at the release point(s) described as:

(i) the release of dredged material to the canal, river or creek banks immediately adjacent to the dredged area; and
(ii) the release of waters from the cyclone backwash pipe.

Quality Characteristics of Release to Waters

(C4) The release of contaminants to waters must comply, at the sampling and in situ monitoring point(s), with each of the limits specified in Schedule C - Table 1 below for each quality characteristic.

Schedule C - Table 1 Quality Characteristics of Releases of Contaminants to Waters

Quality Characteristic	Limit
Suspended Solids (mg/l)	Must not be more than ten percent above background level, or 50 mg/L, which ever is the greater of the two.
Turbidity (NTU)	Must not exceed 2 NTU above a background level where the background is less than 20 NTU, or ten percent (10%) greater than a background level where the background is greater than 20 NTU.
pH	Not less than 6.5 or greater than 9.0.
Oil and Grease	No visible oil and grease
Visible Plume	No visible plume beyond 50 metres from the point of entry to waters by wastewater from the deposition points and the operation of the dredge.

(C5) For the purposes of determining compliance with Condition C4:

(i) A down current sampling point is a point in the receiving waters situated not more than one hundred (100) metres from the point of entry of wastewater in the down-current direction at times when tidal flows or other flows are occurring.

(ii) Background is the level for the quality characteristic measured at a point, in the receiving waters not affected by the release from the dredging and deposition operation. Situated between fifty (50) and one hundred (100) metres up-current from the point of entry of the wastewaters. The sample and in situ analysis must be taken midway down the water column.

Deposition of Material

(C6) The registered operator of this development approval is only permitted to dredge to the construction profile of the existing Gold Coast City Council canals.

(C7) Dredged material is not permitted to be stockpiled for removal.

(C8) The registered operator of this development approval must treat dredged material in a cyclone separator prior to depositing material onto the banks of the canals, rivers and creeks.

Releases of Petroleum Products

(C9) There must be no release of petroleum products from any vessel used in the dredging operations or during any refuelling of the dredge to any waters.

Habitat Disturbance and Seagrass

(C10) Dredging must be carried out in such a manner so as to prevent and/or minimise any disturbance including smothering of marine plants.

End of Conditions for Schedule C

SCHEDULE D - STORMWATER MANAGEMENT

Maintenance of Vehicles and Spillages

(D1) The maintenance and cleaning of vehicles and any other equipment or plant must be carried out in areas from where contaminants cannot be released into any waters, roadside gutter or stormwater drainage system.

(D2) Any spillage of wastes, contaminants or other materials capable of causing environmental harm or nuisance must be cleaned up as quickly as practicable. Such spillages 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.

(D3) Contaminated wastewater generated from washing and/or degreasing of any vehicles, any plant and any equipment must be collected and:

(i) treated and disposed of to sewer with the approval of the relevant local government in accordance with a trade waste permit; or
(ii) transported for disposal, recycled, reprocessed or treated at a facility that can lawfully accept such waste.

Bunding

(D4) All chemical tank and fuel tank storage must be bunded so that the capacity of the bund is sufficient to contain at least one hundred and ten (110%) of the tank within a single tank bund, or one hundred (100%) of the largest storage tank plus ten (10%) of the second largest tank within the bund.

(D5) All chemical drum and fuel drum storage must be bunded so that the capacity of the bund is sufficient to contain at least twenty-five (25%) of the maximum design storage volume within the bund.

(D6) Chemicals and fuel storage areas must not be located in any area below the one (1) in ten (10) year flood level.

(D7) All bunding of chemical and fuel storage areas must be constructed of materials which are impervious to the materials stored.

(D8) All bunding must be roofed where practicable.

(D9) Where it is impractical to completely roof a bunded area the registered operator of this development approval must ensure that any stormwater captured within the bund is free from contaminants or wastes prior to any release.

(D10) A collection sump must be provided in the floor of bunded chemical and fuel storage areas to facilitate the removal of liquids. The bund floor must be graded so that the fall is towards the collection sump.

(D11) All required pipework to or from the bunded areas must be directed over the bund wall and not through it.

End of Conditions for Schedule D

SCHEDULE E - LAND APPLICATION

Release of Contaminants to Land

(E1) There must be no release nor likelihood of release of any contaminants to land that may cause environmental harm or contribute to contamination of such land.

End of Conditions for Schedule E

SCHEDULE F - NOISE

Emission of Noise

(F1) In the event of a complaint about intrusive noise being made to the administering authority of this development approval that the administering authority considers is not frivolous or vexatious, then the emission of noise from the approved place must not result in levels greater than those specified in Schedule F - Table 1.

NOISE LIMITS AT A NOISE SENSITIVE PLACE	
Period	***Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level*** $L_{Amax\ adj\ T}$
7am – 6pm	Background noise level plus 5 dB(A)
6pm – 10pm	Background noise level plus 5 dB(A)
10pm – 7am	Background noise level plus 3 dB(A)
NOISE LIMITS AT A COMMERCIAL PLACE	
Period	***Noise Level at a Commercial Place measured as the Adjusted Maximum Sound Pressure Level*** $L_{Amax\ adj\ T}$
7am – 6pm	Background noise level plus 10 dB(A)
6pm – 10pm	Background noise level plus 10 dB(A)
10pm – 7am	Background noise level plus 8 dB(A)

End of Conditions for Schedule F

SCHEDULE G - WASTE MANAGEMENT

Burning

(G1) The registered operator of this development approval must not:

(i) allow waste to burn or be burnt at or on the place to which this development approval relates; nor

(ii) remove waste from the approved place and burn such waste elsewhere other than an appropriately approved waste disposal facility that can lawfully burn such waste.

Off Site Movement

(G2) All transport of regulated waste generated in carrying out the environmentally relevant activity must be transported by a proper and appropriately approved waste transporter that can lawfully transport such waste.

(G3) All disposal of regulated waste generated in carrying out the environmentally relevant activity must be to a proper and appropriately approved waste disposal facility that can lawfully accept such waste or to a facility that can lawfully and appropriately reuse and/or recycle such waste, except as specifically provided for under the conditions of this development approval.

(G4) Where regulated waste is removed from the approved place (other than by a release as permitted under another schedule of this development approval), the registered operator of this development approval must monitor and keep records of the following:
(a) the date, quantity and type of waste removed; and
(b) the name of the waste transporter and/or disposal operator that removed the waste; and
(c) the intended treatment/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.)

Notification of Improper Disposal of Regulated Waste

(G5) If the registered operator of this development approval becomes aware that a person has removed regulated waste from the approved place and disposed of the regulated waste in a manner which is not authorised by this development approval or Is improper or unlawful, then the registered operator of this development approval must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.

End of Conditions for Schedule G

SCHEDULE H - MONITORING AND REPORTING

Complaint Recording

(H1) All complaints received by the registered operator of this development approval relating to releases of contaminants from the environmentally relevant activity at the approved 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.

Sampling and In Situ Monitoring Point Details

(H2) Determinations of the quality of contaminants released to waters, to check conformity with the release quality characteristics specified in condition C4 of this development approval, must be undertaken at the sampling and In situ monitoring point(s) described as:

Canal. River and Creek Maintenance Dredging

Sampling Point A1 - a down-current sampling and insitu monitoring point as defined In condition C5(1); and

Sampling Point A2 - a monitoring point in waters in the immediate vicinity of the dredge, deposition areas and cyclone backwash pipe.

Sampling Point B1 - a background sampling and insitu monitoring point as defined in condition C5(ii); and

(H3) The registered operator of this development approval is responsible for the making of determinations and keeping of records of the quality of the contaminants released by the dredging operation, deposition sites and cyclone backwash pipe for the release points and at the frequency specified in Schedule H - Table 1:

Schedule H - Table 1 Parameters and Frequencies

Quality Characteristic Determination	Sampling Point	Frequency
pH (field measured)	A1, B1	Daily when dredge is in operation
Turbidity (field measured)	A1, B1	Daily when dredge is in operation
Oil and Grease (visual inspection)	A2	Twice daily when dredge is in operation
Suspended Solids	A1, B1	Every two weeks when dredge is in operation
Plume (visual inspection)	A2	Twice daily when dredge is in operation

(H4) At a approved site where there is more than one dredge operating andlor when there is more than one discharge to the deposition site, the registered operator of this development approval must undertake sampling and in-situ monitoring In accordance with Schedule H for each Individual source of contaminants (I.e. each dredge and each deposition release point/pipe).

(H5) The registered operator of this development approval must vary the sampling frequency intervals or sampling regime upon receipt of written request from the administering authority.

(H6) All determinations of the quality of contaminants released to waters must be made in accordance with methods prescribed in the *Department of Environment and Heritage Water Quality Sampling Manual, 2nd Edition, February 1995*, or more recent editions or supplements to that document as such become available.

(H7) All determinations of the quality of contaminants released must be performed by a person or company possessing appropriate experience and qualifications to perform the required measurements.

Visual Impact Monitoring

(H8) The registered operator of this development approval must monitor the visual Impact of the environmentally relevant ·activity on the environment by undertaking the following when dredging is carried out:

(i) Twice daily observation and recording of the extent of the turbidity plume caused by dredging and any oil and grease; and

(ii) In conjunction with the above observation and recording of the influence of wind and tide conditions on dispersal of the turbidity plume and any oil and grease; and

(iii) Observation and recording of the length of time the turbidity plume and any oil and grease persists.

Noise Monitoring

(H9) The administering authority may require the registered operator of this development approval to undertake monitoring and recording of noise levels if:

a) the administering authority receives a complaint about noise that constitutes an unreasonable intrusive noise; and

b) the administering authority considers that the complaint is not frivolous or vexatious; and

c) the administering authority delivers a written request to the registered operator of this development approval requiring It to undertake monitoring and recording of noise levels.

(H10) The following information must be recorded in conjunction with the measurement and recording of the noise:

(i) location of monitoring point(s); and
(ii) date monitoring undertaken; and
(iii) time monitoring commenced and ceased.

(H11) Monitoring and recording the noise levels from the environmentally relevant activities must be undertaken for at least the following descriptors, characteristics and conditions:

(i) time and date,
(ii) $L_{Amax,\ Adj\ T}$
(iii) $L_{Abg,\ T}$ or $L_{A90,T}$;
(iv) $L_{AN,T}$ (where N equals statistical levels of 1, 10, 50, 90 and 99);
(v) Max $L_{pA\ T}$;
(vi) $L_{Aeq,T}$;

(vii) The level and frequency of occurrence of impulsive or tonal noise;
(viii) over-pressure level dB (linear peak) ;
(ix) Atmospheric conditions including temperature, relative humidity and wind speed and direction; and
(x) Effects due to extraneous factors such as traffic noise.

(H12) The method of measurement and reporting of noise levels must comply with the *Environment and Heritage Noise Measurement Manual, Second Edition, March* 1995, or more recent additions or supplements to that document as become available.

(H13) The measurement and reporting of noise levels must be undertaken by a person or company possessing appropriate experience and qualifications to perform the required measurements.

Notification of Emergencies and Incidents

(H14) Where the registered operator of this development approval has not given notification to the administering authority under section 320 of the *Environmental Protection Act* 1994, 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 development approval, the registered operator of this development approval must notify the administering authority of the release by telephone or facsimile.

(H15) Where the registered operator of this development approval has not given notification to the administering authority under section 320 of the *Environmental Protection* Act 1994, *the* notification of emergencies or incidents as required by condition number H14 must include but not be limited to the following:

(i) the registered operator of the development approval;
(ii) the location of the emergency or incident;
(iii) the. number of the development approval;
(iv) the name and telephone number of the designated contact person;
(v) the time of the release;
(vi) the time the registered operator of the development 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.

(NOTE: Any relevant notification given under section 320 or section 350 of the Act that contains the information specified in condition H15 is also notification under condition H14).

(H16) Where the registered operator of this development approval has not given notification to the administering authority under section 320 of the *Environmental Protection Act* 1994, *not* more than fourteen (14) days following the initial notification of an emergency or incident, the registered operator of the development approval must provide written advice of the information supplied in accordance with condition number H15 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
(iii) the results of any environmental monitoring performed.

Exception Reporting

(H17) The registered operator of this development approval must, as soon as practicable following receipt of a monitoring result which indicates an exceedance of any development approval limit, notify the administering authority by facsimile.

(H18) Not more than fourteen (14) days following initial notification of an exceedance of any development approval limit, the registered operator of this development approval must provide written notification which must include:

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

(NOTE: Any relevant notification given under section 320 or section 350 of the Act that contains the information specified in condition H18 is also notification under condition H17).

Annual Return

(H19) The registered operator of this development approval must ensure that the results of all monitoring performed in accordance with this development approval for the period covered by the return are submitted with the annual return

End of Conditions for Schedule H

SCHEDULE I - DEFINITIONS

For the purposes of this development approval the following definitions apply:

(I1) "mg/L" means milligrams per litre.

(I2) "NTU" means nephelometric turbidity units

(I3) "background noise level" means either:

$L_{A90,T}$ being the A-weighted sound pressure level exceeded for ninety percent (90%) of the time period of not less than fifteen (15) minutes, using Fast response, or

$L_{abg,T}$ being the arithmetic average of the minimum readings measured in the absence of the noise under investigation during a representative time period of not less than fifteen (15) minutes, using Fast response.

(I4) "$L_{Amaxadj,T}$" means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than fifteen (15) minutes, using Fast response.

(I5) "Max $L_{pA,T}$" means the maximum A-weighted sound pressure level measured over a time period of not less than fifteen (15) minutes, using Fast response.

(I6) "noise sensitive place" means

(a) a dwelling; or
(b) a library, child care centre, kindergarten, school, college, university or other educational institution;
(c) a hospital, surgery or other medical institution;
(d) a protected area, or an area identified under a conservation plan as a critical habitat or an area of major interest, under the *Nature Conservation Act 1992;*
(e) a marine park under the *Marine Parks Act 1982;*
(f) a park or garden that Is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

(I7) "dwelling" means any of the following structures or vehicles that is principally used as a residence:

(a) a house, unit, motel, nursing home or other building or part of a building;
(b) a caravan, mobile home or other vehicle or structure on land;
(c) a watercraft in a marina.

(I8) "commercial place" means a place used as an office or for business or commercial purposes.

(I9) "intrusive noise" - means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration –

(a) is clearly audible to, or can be felt by, an Individual; and
(b) annoys the individual.

In determining whether a noise 'annoys an individual and is unreasonably intrusive, regard must be had to Australian Standard 1055.2 - 1989 Acoustics - Description and Measurement of Environmental Noise Part 2 - Application to Specific Situations.

(I10) "unreasonable noise" means noise that:

(a) causes unlawful environmental harm; and

(b) is not declared to be reasonable.

(I11) "coastal zone" is coastal waters, and all areas to the landward side of coastal waters in which there are physical features, ecological or natural processes or human activities that affect, or potentially affect, the coast or coastal resources.

(I12) "land" means land excluding waters and the atmosphere.

(I13) "administering authority" means the Environmental Protection Agency or its successor.

(I14) "Act" means the *Environmental Protection* Act 1994.

(I15) 'authorised person" means a person holding office as an authorised person under an appointment under the *Environmental Protection* Act 1994 by the chief executive or chief executive officer of a Local Government.

(I16) "approved" means the person operating the facility mentioned in that condition holds a relevant development approval under the *Environmental Protection* Act 1994 to carry out an environmentally relevant activity mentioned in that condition.

(I17) "regulated waste" means non-domestic waste mentioned in Schedule 7 of the *Environmental Protection Regulation* 1998 (whether of not ~ has been treated or immobilised), and includes:

(a) for an element - any chemical compound containing the element, and
(b) anything that has contained a regulated waste.

(I18) "waters" includes the bed and/or bank of any water(s), stormwater runoff and any part of a river, stream, lake, lagoon, pond, dam, swamp, wetland, unconfined surface water, underground water, unconfined water, natural or artificial watercourse, non tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter.

(I19) "canals" is a canal as defined In the *Canal* Act 1958 and means any artificial channel or lake for use or intended for use for navigational, ornamental and recreational purposes, or any of those purposes, and connected or intended to be connected with any tidal water so that the water of such artificial channel or lake becomes or, on such connection, will become tidal water, and includes any access channel, any addition to or alteration of any canal, and any system of canals provided in any subdivision of land.

(I20) "release' of a contaminant into the environment, includes-

(a) to deposit, discharge, emit or disturb the contaminant; and
(b) to cause or allow the contaminant to be deposited, discharged emitted or disturbed; and
(c) to allow the contaminant to escape; and

(d) to fail to prevent the contaminant from escaping.

(I21) "maintenance dredging" means extracting accumulated sediments of clay, gravel, rock, sand or soil from Queensland waters for the purposes of maintaining navigational channels, canal profiles, beach stability and flood mitigation profiles and beach nourishment.

End of Conditions for Schedule I

END OF PERMIT