

DA Assessment Checklist: Abridged Record Method

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Document Date
04/05/2001

**IDAS
3-ABR**

Development Approval Assessment Checklist - Abridged (IDAS-3-ABR)

APPLICATION NOTES:

1. This checklist is to be used as part of assessment process of applications for development approval, which are identified as suitable for abridged record method (for the qualifying conditions - see below).
2. The whole process is described in the procedures of Section IDAS 3 of QMS-OPS.

Abridged Record Method - qualifying conditions preventing use (yes, tick box).

Expansion of existing activity with history of complaints/non compliance	☐	Is application for an aquaculture facility	☐
Does the delegate believe this is a contentious issue	☐	Refusal of application is recommended	☐
Applicant does not agree to the majority of the final development approval conditions	☐		
State Development and Public Works Organisation Act triggered	☐	If any condition is YES: DO NOT USE ABRIDGED METHOD	

EPA DA NUMBER:

SR0212DA

FILE NO:

STH2840 Vol 1

DA Number (Council Ref):

N/A

Assessment Manager:

☒ (refer to 1.0)

Development Approval:

☒

Concurrence Agency:

☐ (refer to 2.0)

Referral Coordination:

☐ (refer to 3.0)

Preliminary Approval:

☐

Data Entry Validation: Application data entered into electronic database validated: (Yes, tick box): ☐

1.0	ASSESSMENT MANAGER: (if not applicable, proceed to item 2.0)	Yes/No
1.1	Determination of Assessment Manager: EPA acts as the Assessment Manager if the following is satisfied (YES to be shown) i) Development is not assessable under a planning scheme. ii) Application does not include other IDAS development eg town planning consent. iii) No other assessment manager is prescribed for the development in the IPA Regulation.	Yes Yes Yes
1.2	As Assessment Manager: Have correct fees been paid? Has form 1A been received? Has acknowledgment notice been prepared and sent to applicant? Is an Information Request required? If yes, has information request been sent to applicant?	 Yes Yes Yes No

2.0	CONCURRENCE AGENCY INFORMATION (if not applicable, proceed to item 4.0)	Yes/No
	Have correct fees been paid?	
	Has a copy of acknowledgment notice been received?	
	Has a copy of form 1A been received?	
	Is an Information Request required? If yes, has information request been sent to applicant and copy to Local Council (if application not referral coordination)?	

3.0	REFERRAL COORDINATION (if not applicable, proceed to item 4.0)	Yes/No
	Is full copy of application received from Council?	
	Has DCILGPS application for Referral Coordination been received?	
	Is an Information Request required? If yes, has information request been sent to DCILGPS?	

4.0	ENVIRONMENTAL AUTHORITY WITH DEVELOPMENT APPROVAL (not applicable to preliminary approvals and level 2 ERAs - proceed to item 5.0)	Yes/No
	Has a separate application for licence or level 1 approval (s.82) been received?	Yes

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3-ABR**

5.0	APPLICATION ASSESSMENT REQUIREMENTS
OPERATIONAL NOTES: 1. All considerations listed below to be assessed initially for relevance and answered "yes" or "no" as applicable. 2. When "yes" response is entered, it indicates that the specific issue is relevant and that further, more detailed assessment of the consideration is appropriate. An explanatory statement of the issue must be given in the Assessment Report (AR).	

	ASSESSMENT CONSIDERATION	Yes/No
5.1	EPP WATER: (if not applicable, proceed to item 5.2)	
	Is there release of waste waters? (if no, proceed to item s24).	No
s15	Waste management evaluation procedure: Is the activity likely to affect a water?	
s11	Water quality objectives : Are water quality objectives defined? Quote objective in assessment report.	
s16	Waste water recycling: Does the activity involve waste water recycling?	
s17	Waste water releases on land: Does the activity involve the release of wastewater to land?	
s18	Waste water releases to surface water: Is there a release (not stormwater) to surface waters?	
s19	Stormwater management: Is there a release of contaminated stormwater to waters?	No
s20	Direct waste water release to ground waters: Is there a direct release to groundwater?	
s21	Incidental waste water release to ground waters: Is there an incidental release to groundwater?	
s22	Construction of artificial releases wetlands for waste treatment: Does the activity involve the construction of an artificial wetland for wastewater treatment in a natural wetland?	
s23	Use of natural biological controls in treatment of wastewater: Are natural biological controls used in treatment of wastewater	
s24	Acid sulphate soils: Does the activity involve the exposure or disturbance of acid sulphate soils or the lowering of a watertable associated with acid sulphate soils?	No
s25	Waste reception facilities for ships: Does the activity involve a place for docking of ships?	
s26	Monitoring particular releases: Is there a release to land or waters?	
s27	Impact monitoring: Is there a release of wastewater to land or waters?	
5.2	EPP NOISE: Does, or can, the activity adversely affect the environmental values (noise relevant activity)? If 'no', proceed to item 5.3.	
s13	Evaluation procedure: Is evaluated procedure followed?	Yes
s14	Matters for consideration: Is consideration given to s14 matters?	Yes
s15	Planning levels: Does the activity involve the use or operation of a beneficial asset?	No
s17	Plan as a condition: Is a noise management plan necessary?	No
5.3	EPP AIR: Does, or can, the activity adversely affect the environmental values (relevant activity)? If 'no' proceed to item 5.4.	
s11	Evaluation procedure: Is evaluation procedure followed?	No
s12	Matters for consideration: Is consideration given to section 12 matters?	No
s13	Air pollutant dispersion modelling and monitoring of releases: Is it likely that the releases will cause environmental harm?	No
5.4	EPP Waste: Does, or can, the activity involve generation, transport or receipt of waste? If 'no' proceed to item 5.5.	
s15	Generating waste: Is it relevant?	Yes
s16	Transporting waste: Is it relevant?	No
s17	Receiving waste: Is it relevant?	Yes
s19	Waste Management Program: could there be need to require one?	Yes

DA Assessment Checklist: Abridged Record Method

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5.5	OTHER CONSIDERATIONS	
	Guidelines: Are any relevant guidelines considered?	Yes
	Operational Policies: Are any Agency operational policies considered?	Yes
	Codes of Practice: Are any codes of practice considered?	No
	Standards: Are any Australian (or International) Standards considered?	Yes
	National Strategies: Are any National Strategies considered?	Yes
5.6	SECTION 91	
	Standard Criteria: Relevant considerations specified in Assessment Report	Yes
	Applicant Suitability: Is an investigation into applicant suitability required?	Yes
5.7	NATIVE TITLE ACT (where applicable)	
	Notification to interested parties sent, where required.	N/A
	Response received (for comments, refer to assessment report - AR).	N/A
5.8	NOTIFIABLE ACTIVITIES - CONTAMINATED LAND (s.371)	
	Notification of Land: Is the activity listed in Schedule 3 of Environmental Protection Act? If "yes" send "Notification of Land" form" (s.371) or (s.372) to Contaminated Land Section.	N/A

CONSULTATIONS		Yes/No	Date Completed
Site visit.		Yes	
Draft conditions sent to applicant.		Yes	27/10/2001
Applicant acceptance of final condition (discuss project killers in assessment report).		Yes	02/11/2001
If Assessment Manager - conditions sent to applicant and copy of decision notice sent to Local Authority.			
If Concurrence Agency - conditions sent to applicant and Assessment Manager.			

OFFICER:	sch4p3(3) p rejudice the p ro tection of an i nd ividuals right to privacy	DATE: 09/11/2001
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ASSESSMENT REPORT: (3-AR)

APPLICATION NO: SR2156/0212DA

FILE NO: STH2840 VOL 1

DUE DATE: 14 NOVEMBER 2001

TYPE OF APPROVAL:

Section 311 - Licence and Development Approval under 3.5.11 and 3.5.15

APPLICANT: Brisbane City Council

ENVIRONMENTALLY RELEVANT ACTIVITY:

- | |
|--|
| 20(c) Extraction of 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 under a mining authority) from pits or quarries using plant or equipment having a design capacity of 100 000 tonnes or more per year. |
| 22 (b) Screening etc. materials - screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining authority) or by dredging using plant or equipment having a design capacity of 5 000 tonnes or more, but less than 100 000 tonnes, per year. |

1. Background

Brisbane City Council is conducting the above environmentally relevant activities. The reason for this new application is that the Council is applying for an increased throughput to extract material from 20 (b) to 20 (c). In all other aspects there will be no change in the method of carrying out or managing the activities or the impact on the receiving environment.

Therefore RSA 252 contained in file number 951EN186 still applies.

2. Description of Operation

Brisbane City Council applied for an Integrated Environmental Authority on 3 October 2001 for Environmentally Relevant Activity 20 (c) - Extraction of Material and 22 (b) - Screening material.

3. Risk of Environmental Harm

The Council has prepared an Integrated Environmental Management System and has continually upgraded its Stormwater Management Plan and Waste Management Plan. Through the implementation of these plans the Council has successfully addressed its sediment erosion problems. It has constructed a number of First Flush Stormwater Containment Systems in which sediment-laden stormwater is collected and treated. The treated stormwater is reused as dust suppressant.

Potential pollutants include sediment, turbidity and pH but the risk is greatly reduced through the imposition of conditions in the development approval and the implementation of best practice and adherence to improved environmental management systems will achieve sound environmental outcomes.

Brisbane City Council will use its *Environmental Best Practices* for waterways and wetlands for the extraction and screening activities to minimise the potential impact on water quality in Salvin Creek.

1. Issues

Discharges To Air

The impact from dust emission resulting from excavation work will be negligible. Dust control measures such as water spray will be operated on the crushing and screening plant and on disturbed areas.

Discharges To Land

Most of the excavated material will be reused on site as fill material. Any contaminated material will be transported to a waste disposal facility licensed to accept such material.

Noise

The earthmoving equipment to be used for this project will emit high noise levels. There are a number of residential dwellings very close to the Council's quarry. This site has been subject to a number of noise complaints that were investigated and resolved. A number of conditions have been imposed in the development approval to prevent and minimise the likelihood of future noise complaints. The Council will not conduct any blasting on site.

Stormwater

Stormwater runoff from disturbed areas will be directed to the first flush containment system for collection and treatment. The Council will also implement a *Stormwater Management Plan* to address any stormwater issues to prevent and/or minimise environmental harm.

Water Quality

The principle area of concern for environmental harm to occur is the release of suspended solids and turbid water to Salvin Creek. The Brisbane City Council is committed to collecting all runoff in its first flush containment system, treat it to within acceptable limits thus eliminating/minimising potential problems.

Riparian Vegetation

There will be negligible impact on the riparian vegetation of the site. Council is required to prepare a rehabilitation plan for the site that includes stabilising soils and undertaking extensive revegetation of disturbed areas.

Consideration of Other Requirements

- i) *Native Title* – Not applicable.
- ii) *Environmental Protection Policy (Water) 1997* - the nature of the activity is such that releases to waters will occur as a result of overflow of stormwater from the first flush containment system. Consequently, specific quality characteristics of any releases to waters have been included in condition D4 of the development approval.

Furthermore, an appropriate monitoring program has been included in the licence for monitoring of surface water quality within the receiving environment to ensure that the specific water quality characteristics are being complied with and the activity is not causing environmental harm. The program includes the monitoring of suspended solids, turbidity, pH and dissolved oxygen.

- iii) *Other considerations (Guidelines, Codes of Practice, Standards, etc.)* - the 1992 ANZECC Water Quality Guidelines for Fresh and Marine Waters were taken into consideration when the specific water quality characteristics for any releases to waters were calculated. There are no relevant Codes of Practice or other Standards to be considered. Given the type of system that the works are to be conducted in, the standard principle of "background plus 10%" was not appropriate for several of the water quality parameters for which limits were set. Consequently, these parameters have been set at pragmatic levels, which will ensure that Council must take all practicable and reasonable measures to control the quality of water leaving the site.

Relevant Standard Criteria

Criterion (d) - Any applicable environmental impact study, assessment or report.

Council completed an Environmental Impact Assessment for the licence application and the information in their document was used during the assessment of the application.

Criterion (e) - The character, resilience and values of the receiving environment.

There is the potential for impacts to the character; resilience and values of the receiving environment in the short term but compliance with the requirements of this development approval will limit the environmental risk to an acceptable level. Furthermore, the environmental values of the site are likely to be significantly enhanced once the works have been completed.

Criterion (f) - All submissions made by the applicant and interested parties.

N/A

Criterion (h) - the financial implications of the requirements of the authority, program or order as they would relate to the type of activity or industry carried on under the authority.

Most of the cost implications of the development approval conditions have been assessed as minor including the costs to be incurred during the implementation of a receiving environment monitoring program. Council has previously accepted similar monitoring requirements for similar works.

Criterion (j) - any applicable Site based management plan

An Integrated Environmental Management System was developed and submitted with the original application for an integrated authority. This document is still valid and it outlines the measures to be implemented by the Council for water quality, noise, waste management, air quality, emergency response procedures and rehabilitation works.

1. Consultations

A site inspection was undertaken on a number of occasions as well as telephone consultations occurring on various occasions to discuss a number of issues.

A draft Licence was forward to Council for comments on 27 October 2001. Council's comments were received on 2 November 2001. It had requested certain minor changes that have been done.

2. Project Killers

N/A

3. Recommendations

It is recommended that the "Application for a Development Approval" under Section 3.5.11 and 3.5.15 of the *Integrated Planning Act 1997* (Application No. SR0212DA), made by Brisbane City Council, for the environmentally relevant activities of "Extraction" and "Screening" be approved, and be issued, subject to the schedule of conditions as attached.

Assessing Officer:

Parma Nand,
Principal Environmental Officer
Ext 46039

Date: 9 November 2001

4. Review and Endorsement

Supervisor:

Date:

5. Decision

Delegate:

Date:

6. Process Close-up (Final Administration)

Applicant notified of decision:	
Effective date for decision:	Date:
<i>For Native Title Claims only and where required:</i>	
Native Title holders/interested parties sent a copy of decision letter.	Date:
Register updated	
Follow-up action initiated	
Final data entered (Chuckle) validated	
Files completed and stored	
Process closed by:	Date:

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EPP (Air) Checklist-Environmental Management Decisions (3-PA)

NOTE: 1. This checklist is to be completed as part of the process of making an environmental management decision for an environmental authority or an environmental management program and be attached to the main process report to assist the delegate in making a decision.
2. Section numbers refer to provisions of the Environmental Protection (Air) Policy 1997.

AUTHORITY NO: SR0212DA

FILE NO: STH 2840 VOL 1

(The above identification is required only on documents generated, controlled and filed separately from the main process report.)

Environmental Management Decisions for Environmental Authorities and Environmental Management Programs

Section 11 Evaluation Procedure

Determine or identify the environmental values and carry out the following steps:

- a) consider how the activity/ies may affect the environmental values;
- b) evaluate the activity/ies in relation to the following-
 - i) any program developed by the chief executive under part 5, division 1;
 - ii) the air quality goals;
 - iii) any relevant approved code of practice;
 - iv) the standard criteria and other matters that must be considered under the Act;
 - v) the matters mentioned in Section 12 (see below);
- c) review potential conditions with the applicant to achieve the objective of the EPP (Air).

Comments/issues/justification of resultant conditions: Dust from screening, conveying, stockpiling and earthmoving activities has a potential to cause a nuisance in the vicinity of the proposed site, and has been conditioned in the DA, refer conditions B1 and B2.

Section 12 Matters for Consideration

Evaluate the relevant activity/ies in relation to the following matters:

- a) the characteristics of the releases of contaminants to air from the relevant activity/ies;
- b) any of the following matters of which you are aware-
 - i) the order in which the applicant and affected persons started to occupy land at or near the relevant site;
 - ii) the views of affected persons about releases of contaminants to the air environment from the relevant activity/ies;
 - iii) any other information or other matter concerning the effect of the relevant activity/ies on the air environment.

Comments/issues/justification of resultant conditions: The existing site is permitted to carry out extractive industry and the surrounding area is residential. Accordingly, the conditions have been imposed to maintain the current air quality and to improve the air quality.

**EPP (Air) Checklist - Environmental
Management Decisions**
Environmental Authorities

3-PA

Section 13 Air pollution dispersion modelling and monitoring of releases - Dispersion modelling

To be applied if it is likely that the releases will, with other releases in the area known to the administering authority, cause environmental harm.

Consider whether the applicant has, or will be required, to carry out air pollution dispersion modelling for the releases or proposed releases, in a way that complies with a relevant protocol, for the assessment of:

- a) predicted air quality against an air quality goal; or
- b) the potential for reducing the impact on the air environment; or
- c) the cumulative effect of the releases; or
- d) the appropriate dimensions or location of a chimney from which it is proposed to release contaminants into the air environment.

Comments/issues/justification of resultant conditions: In the event of a complaint about dust the proponent must monitor dust particles at the proposed site.

Section 13 Air pollution dispersion modelling and monitoring of releases - Dispersion modelling

To be applied if it is likely that the releases will, with other releases in the area known to the administering authority, cause environmental harm.

Consider requiring the applicant to monitor:

- a) the contaminants released by the relevant activity; and
- b) the impacts of the contaminants released on the air environment

Consider the following when assessing whether or not to require monitoring:

- a) whether monitoring is needed to assess compliance with the applicant's environmental authority or environmental management program and, if monitoring is needed, the frequency of the monitoring;
- b) whether continuous monitoring of releases is needed;
- c) whether monitoring is needed to verify the conclusions of an environmental impact assessment, study or report about the relevant activity;
- d) if monitoring is needed - the protocols for monitoring the releases and the air environment.

Comments/issues/justification of resultant conditions: Dispersion modelling is not required for this site.

EPP AIR: ADDITIONAL ASSESSMENT COMMENTS (if required)

REPORT APPROVALS

Completed	Reviewed and Endorsed	Accepted
Assessing Officer: Parma Nand	Supervisor:	Delegate:
Date: 9/11/01	Date: sch4p3(3) Prejudice the protection of an individuals right to privacy	Date: 14/11/2001

EPP (Noise) Checklist-Environmental Management Decisions (3-PN)

- NOTE**
1. This checklist is to be completed as part of the process of making an environmental management decision for an environmental authority and be attached to the main process report to assist the delegate in making a decision.
 2. Section numbers refer to provisions of the Environmental Protection (Noise) Policy 1997.

AUTHORITY NO: SR0212DA

FILE NO: STH2840 Vol 1

(The above identification is required only on documents generated, controlled and filed separately from the main process report.)

Environmental Management Decisions for Environmental Authorities

Section 13 Evaluation Procedure

Determine or identify the environmental values (S.10) and carry out the following steps:

- a) consider how the noise relevant activity/ies may affect the environmental values;
- b) evaluate the relevant activity/ies in relation to the following-
 - i) any program developed by the chief executive under part 7, division 1;
 - ii) the acoustic quality objective;
 - iii) any relevant code of practice approved by the Minister;
 - iv) the standard criteria and other matters that must be considered under the Act;
 - v) the matters mentioned in Section 14 (see below);
- c) review potential conditions with the applicant to achieve the objective of the Act.

Comments/issues/justification of resultant conditions: The potential sources of noise emissions from this facility are earthmoving equipment such as excavators, bulldozers, front end loaders, dump trucks, crushing and screening plants, blasting and delivery trucks. It is anticipated that the proposed development can meet the standard noise conditions.

Section 14 Matters for Consideration

Evaluate the noise relevant activity/ies in relation to the following matters:

- a) whether the noise relevant activity/ies is the use or operation of a beneficial asset;
- b) the characteristics of the noise from the noise relevant activity/ies;
- c) any of the following matters of which it is aware-
 - i) the lawful use of the site (e.g. town planning approvals, etc.), apart from under the Act, of the applicant carrying out the relevant activity/ies at the relevant site.
 - ii) the order in which the applicant and affected persons started to occupy land at or near the relevant site;
 - iii) the order in which the applicant and affected persons started to carry out the noise relevant activity/ies and other activities that may be affected by noise from the noise relevant activity/ies;
 - iv) the views of affected persons about noise from the noise relevant activity/ies;
 - v) other noises ordinarily present at or near the relevant site;
 - vi) any other information or other matter concerning the effect of the noise relevant activity/ies on the acoustic environment.

Comments/issues/justification of resultant conditions: The activity is currently being carried out but the Council has applied to expand its operations. There are residential dwellings and a day care as well as church in close by.

The earthworks and blasting are likely to contribute to noise complaints. Accordingly conditions have been imposed in the development approval to maintain and enhance the existing noise climate.

**EPP (Noise) Checklist - Environmental
Management Decisions**
Environmental Authorities

Section 15 Planning Levels

If a noise relevant activity/ies is the use or operation of a beneficial asset (S.5), the setting of a reasonable noise level for the activity/ies:

- a) may have regard to any relevant planning levels; and
- b) must have regard to the acoustic quality objective and all the relevant circumstances for the case.

NOTE: If a reasonable noise level for the activity/ies is set that is not less than a planning level specified for the activity/ies, the ways in which the source noise can be abated must be considered.

Comments/issues/justification of resultant conditions: As above.

Section 17 Plan as a Condition - Environmental Authority

If an environmental authority needs to include a condition that the noise relevant activity/ies be carried out under a noise management plan, the terms of the plan may deal with, for example:

- a) the measures to be taken under the plan to minimise the adverse effects of the noise relevant activity/ies on the environmental values; and
- b) who is responsible for carrying out each of the measures; and
- c) maximum, Leq and background levels (plus any other appropriate noise descriptors and associated time periods) for the noise relevant activity/ies; and
- d) monitoring the noise from the noise relevant activity/ies; and
- e) processes for dispute resolution that the applicant must follow to deal with complaints received about the impact of noise from the activity/ies.

Comments/issues/justification of resultant conditions: A complaint driven noise condition is recommended in the development permit. Noise monitoring is also recommended in the licence conditions. The applicant will be responsible for ensuring that the operation of the activity complies with the requirements of the Environmental Protection (Noise) Policy and all conditions of the development approval pertaining to noise limits, monitoring and addressing of complaints.

EPP NOISE - ADDITIONAL ASSESSMENT COMMENTS (if required)

REPORT APPROVALS

Completed	Reviewed and Endorsed	Accepted
Assessing Officer: Parma Nard	Supervisor:	Delegate:
Date: 09/11/01	Date: sch4p3(3) Prejudice the protection of an individuals right to privacy	Date: 14/11/2001

EPP (Water) Checklist - Management of Activities (3-PW)

- NOTE:**
1. This checklist is to be completed as part of the process of making an environmental management decision for an environmental authority, an environmental management program or an environmental protection order and be attached to the main process report to assist the delegate in making a decision.
 2. Section numbers refer to provisions of the Environmental Protection (Water) Policy 1997.

ENVIRONMENTAL MANAGEMENT

DECISION (EA, EMP, EPO) NO: SR0212DA

FILE NO: STH2840Vol 1

(The above identification is required only on documents generated, controlled and filed separately from the main process report)

MANAGEMENT OF ACTIVITIES

List below any waters (including groundwaters) affected by releases of contaminants and briefly describe the type of release in the following table.

Relevant Issues	Description
e.g. Release to Back creek	e.g. sewage treatment plant - secondary effluent
N/A	N/A

Section 15 Waste management evaluation procedure

In making a recommendation about the appropriateness of any proposed water treatment process or disposal method, consider the following Waste Management procedure and assess the position of the proposal or activity in the following hierarchy:

- Step 1: Prevention** - evaluate waste prevention options and require the relevant person to implement appropriate waste prevention;
- Step 2: Recycling** - if waste prevention does not, or is not likely to, eliminate all waste water, evaluate waste water treatment and waste water recycling options and require the relevant person to implement appropriate treatment and recycling;
- Step 3: Disposal to land, sewer or surface waters** - if waste water treatment and waste water recycling does not, or is not likely to, eliminate all waste water, evaluate waste water treatment and waste water disposal options of release on land, release to sewer and release to a surface water and require the relevant person to implement appropriate treatment and disposal;
- Step 4: Disposal of Groundwaters** - if waste water treatment and waste water disposal does not, or is not likely to, eliminate all waste water, evaluate waste water treatment and waste water disposal to ground water and require the relevant person to implement appropriate treatment and disposal.

Comments/issues/justification of resultant conditions: The applicant has no plan to release stormwater from the disturbed area. All such runoff will be captured in the first flush collection system and treated. Only treated stormwater from the first flush system will be released as overflow to Salvin Creek.

Therefore a permitted release of stormwater has been granted subject to conditions with preference that most of the water be reused on site.

Section 11 Setting Water Quality Objectives (As set out in Sections 7, 8 and 9)

**EPP (Water) Checklist -
Management of Activities**
Environmental Authorities

Environmental Values Identified for Specified Waters: Recreational and the protection of marine habitat.

Indicators Identified for Specified Waters: Yes

Water Quality Guidelines Identified for Specified Waters: Yes

Comments/Issues/Justification for Conditions: Yes

Water Quality Objectives and Conditions Set: Yes - refer to Schedule D and Schedule H

Section 16 Waste water recycling

Consider:

- a) the water quality objectives for waters affected by the recycling; and
- b) the maintenance of acceptable health risks.

Comments/issues/justification of resultant conditions: Yes

Section 17 Waste water releases on land

Consider:

- a) the existing quality of waters that may be affected by the release and the water quality objectives for the waters;
- b) available land and wet weather storage;
- c) the cumulative effect of the release concerned and any other releases of contaminants to waters that could be affected by the release that are known to the administering authority;
- d) the need to protect soil and plants from damage;
- e) the maintenance of acceptable health risks;
- f) any applicable code of practice approved under s219 of the Act.

Comments/issues/justification of resultant conditions: No wastewater will be released to land except treated stormwater as dust suppressant.

Section 18 Waste water releases to surface water (other than contaminated stormwater)

Consider:

- a) whether the size of the initial mixing zone will adversely affect an environmental value, especially biological integrity and suitability for recreational use;
- b) whether concentrations of contaminants in the initial mixing zone are acutely toxic to the biota;
- c) the existing quality of the surface water;
- d) the cumulative effect of the release concerned and any other releases of contaminants to the surface water known to the administering authority;
- e) future releases to the surface water known to the administering authority;
- f) the water quality objectives for waters outside the initial mixing zone.

Comments/issues/justification of resultant conditions: Contaminated water from the facility is not allowed to be released to any Queensland waters except after treatment and only as overflow in storm events.

Section 19 Stormwater Management

If an activity involves, or is likely to involve the release of contaminated stormwater to a roadside gutter, a stormwater drain or a surface water, consider whether the management of stormwater releases from the activity is adequate to prevent or minimise environmental harm in waters affected by the release, by evaluating:

- a) the existing quality of a water that may be affected by the release and the water quality objectives for the water;
- b) the cumulative effect of the release in question and any other releases of contaminants to the water known to the administering authority;
- c) the technology, management and nature of processes being, or to be used in carrying out the activity;
- d) any relevant urban stormwater quality management plan prepared under section 42;
- e) the topography of the locality and local climatic conditions;
- f) if the activity involves exposing or disturbing soil - the soil type, its characteristics and the way it is managed.

Comments/issues/justification of resultant conditions The stormwater system will comprise of first flush containment systems. The stormwater management plan entitled "QUWI - 397A" dated 25 October 2001 has been prepared and is to be implemented by 3 December 2001.

Section 20 Direct waste water release to ground waters

Consider:

- a) whether the size of the attenuation zone will adversely affect an environmental value, especially in the draw-down zones of any bores used to obtain water for irrigation, stock or supply for drinking;
- b) the existing quality of the ground water;
- c) the cumulative effect of the release concerned and any other releases to the ground water known to the administering authority;
- d) the water quality objectives for waters outside the attenuation zone.

Comments/issues/justification of resultant conditions: N/A

Section 21 Incidental waste water release to ground waters

Consider:

- a) the existing quality of, and the water quality objectives for, the ground water or a surface water likely to be affected by the release;
- b) the cumulative effect of the release concerned and any other releases of waste water to the ground water known to the administering authority;
- c) requiring the relevant person to minimise or prevent infiltration of waste water to the ground water.

Comments/issues/justification of resultant conditions: This will not be applicable.

Section 22 Construction of artificial wetlands for waste water treatment

If an activity involves the construction of an artificial wetland for waste water treatment in a natural wetland, consider whether the existing ecological values, or the ecological values likely to exist after rehabilitation, of the natural wetland are so significant that the artificial wetland should not be constructed in the natural wetland by evaluating:

- a) whether the natural wetland is of local, regional or national importance using wetlands criteria given in the ANCA Directory;
- b) whether the natural wetland no longer functions as a wetland because its ecological values have been degraded as evidenced by:
 - i) the substantial loss of invertebrates from the benthic region; or
 - ii) the substantial invasion by exotic plants so that native plants can no longer compete; or
 - iii) the wetland is no longer fulfilling ecological functions including, for example, providing breeding, feeding or roosting sites for resident or migratory aquatic biota and birds;
- c) whether the degradation could be reversed by cost-effective remedial or rehabilitation measures;
- d) potential improvements to downstream water quality through building the artificial wetland;
- e) whether there is an alternative site for construction of the artificial wetland.

Comments/issues/justification of resultant conditions: N/A

Section 23 Use of natural biological controls in treatment of waste water

Consider:

- a) any safety information available about the controls and the recommended dose levels for the controls; and
- b) the likely persistence and effect of the controls on the environment; and
- c) whether there are any potential pathogens in the controls.

Comments/issues/justification of resultant conditions: N/A

Section 24 Acid sulphate soils

If an activity involves the exposure or disturbance of acid sulphate soils or the lowering of a water table associated with acid sulphate soils, consider requiring the relevant person to implement appropriate management actions, including, for example:

- a) avoiding or minimising the disturbance of the soils;
- b) neutralising the soils;
- c) managing water table fluctuations, freshwater flows and tidal water levels to ensure the maintenance of adequate water cover over the soils;
- d) burying neutralised soils on the site under cleanfill;
- e) burying soils under permanent water or a permanent water table so the soils are not exposed to oxygen;
- f) treating or disposing of leachate and run off in an appropriate way.

Comments/issues/justification of resultant conditions: A general condition has been imposed to address acid sulphate soils if encountered.

Section 25 Waste reception facilities for ships

If an activity involves a place for the mooring, docking or berthing of ships, consider requiring the relevant person to provide waste reception facilities, by evaluating:

- a) waste reception facilities should be required only for wastes that usually need to be released from ships using the place;
- b) the type of waste reception facilities required depends on the activities for which the place is used and may include, for example:
 - i) sewage pump-out stations or other fixed onshore facilities; and
 - ii) vacuum tankers for collection of oil or sewage or other mobile onshore facilities; and
 - iii) an adequate number of easily accessible onshore rubbish bins and toilets; and
 - iv) mobile barges for oil, sewage and rubbish collection; and
 - v) quarantine facilities.
- c) larger ships may be able to keep wastes on-board and treat or dispose of the wastes at reception facilities at their home port or elsewhere.
- d) any relevant quarantine laws about the reception from overseas ships of waste particularly animal waste, drainage from sick bays or medical facilities, galley scraps, medical wastes and organic refuse;
- e) any relevant obligations under MARPOL 73/78 in relation to Annexes I, II and V.

Comments/issues/justification of resultant conditions: N/A

Section 26 (1) Monitoring particular releases

If an activity involves the release of waste water on land or to a water, consider requiring the relevant person to monitor the waste water releases by evaluating:

- a) whether monitoring is needed:
 - (i) to decide if a condition of an environmental authority or environmental management program or an environmental protection order is being complied with; or
 - (ii) to decide if a system to prevent contamination of land or waters by waste water is required or an existing system is functioning properly; or
 - (iii) because of the risk, and likely consequences, of the system failing;
- b) the variability of waste water released from the activity;
- c) the protocols for monitoring the releases;
- d) requiring the relevant person to use continuous monitoring equipment where it is reasonable and practicable.

Comments/issues/justification of resultant conditions: This is contained in condition H12.

Section 26 (2) Monitoring particular releases

If the relevant person is required to carry out monitoring, consider the following factors in nominating the frequency of the monitoring and the indicators to be monitored:

- a) the type of activity to be carried out;
- b) the risk of harm to environmental values involved in carrying out the activity;
- c) the frequency of monitoring needed:
 - (i) to decide if a condition of an environmental authority or environmental management program or an environmental protection order is being complied with; or
 - (ii) to decide if a system to prevent contamination of land or waters by waste water is functioning properly; or
 - (iii) because of the risk and potential consequences of the system failing;
 - (iv) to ascertain the variability of waste water released from the activity;
- d) any factors specific to the site where the activity is, or will be, carried out.

Comments/issues/justification of resultant conditions: The company will implement a water quality monitoring program required by condition H12.

EPP (Water) Checklist - Management of Activities Environmental Authorities

Section 27 (1) Impact monitoring

If an activity involves the release, or potential release, of waste water on land or to a water, consider requiring the relevant person to carry out impact monitoring of the effect of the waste water releases. In evaluating the need for monitoring and setting suitable conditions consider:

- a) the protocols for monitoring the land or water to which the waste water is released; and
- b) take into account impact monitoring is generally only required:
 - i) for large or hazardous activities with potential for causing significant environmental harm; or
 - ii) to measure the size of the initial mixing zone or attenuation zone from a large or complicated release; or
 - iii) to verify the conclusions of an environmental impact assessment, study or report; or
 - iv) to decide future disposal strategies; or
 - v) if there is concern over levels of a particular contaminant in a water and there are known activities that release that contaminant to the water.

Comments/issues/justification of resultant conditions: The company will implement a water quality monitoring program required by condition H12.

Section 27 (2) Impact monitoring

If the relevant person is required to carry out impact monitoring, an administering authority must consider the following factors in nominating the frequency of the monitoring and the indicators to be monitored:

- a) the type of activity to be carried out;
- b) the risk of harm to environmental values involved in carrying out the activity;
- c) the water quality objectives for a water affected by the activity;
- d) any factors specific to the site where the activity is, or will be, carried out.

Comments/issues/justification of resultant conditions: As above

EPP WATER: ADDITIONAL ASSESSMENT COMMENTS (if required)

Report Approvals

Completed	Reviewed and Endorsed	Accepted
Assessing Officer: Parma Nand Date: 9/11/01	Supervisor: sch4p3(3) Prejudice the protection of an individuals right to privacy Date: 13/11/01	Delegate: [Redacted] Date: 14/11/2001



Notice of development application decision

Sections 3.5.11 and 3.5.15 *Integrated Planning Act 1997*

COPY

This notice is issued by the administering authority pursuant to sections 3.5.11 and 3.5.15 of the Integrated Planning Act 1997, to advise you of a decision or action.

Enquiries to : Parma Nand
Telephone : (07) 3224 6039
Your reference :
Our reference : STH2840-SR0212DA

Brisbane City Council
41 Lennon Street
STAFFORD QLD 4053

Attention: Mr Neville Crase,

Re: Application (No. SR0212DA) for development approval by Brisbane City Council for the environmental relevant activity to be carried out at a place situated at 226 Pine Mountain Road, Mt Gravatt East, QLD 4152

Pursuant to the following parts of Schedule 1a of the *Integrated Planning Regulation 1998*, the Environmental Protection Agency is the assessment manager for the development application:

Part 1 item 1 of Schedule 1a of the *Integrated Planning Regulation 1998* <and/or> Part 2 item 1 of Schedule 1a of the *Integrated Planning Regulation 1998*

The Environmental Protection Agency, acting as assessment manager under the *Integrated Planning Act 1997* for your application, advises that the development application decision notice about development prescribed under a regulation under the *Environmental Protection Act 1994* for schedule 8 part 1 item 6 of the *Integrated Planning Act 1997* is attached.

Assessment Manager information

Assessment Manager office: Environmental Protection Agency
Southern Regional Office (Brisbane)
Postal address: GPO Box 2771 BRISBANE QLD 4001
Telephone: (07) 3224 5641
Fax: (07) 3225 8723



Should you require any further information please do not hesitate to contact Parma Nand on either phone (07) 3224 6039 or e-mail: parma.nand@env.qld.gov.au

Signed

sch4p3(3) Prejudice the protection of an individuals right to privacy

14 November 2001

Date

Dr Stephen Skull
Acting Manager (Licensing)
Delegate of Administering Authority
Environmental Protection Act 1994

RTI Disclosure Log Release

Development Application Decision

COPY

Applicant:	Brisbane City Council
EPA Development Application number:	SR0212DA
Date application received by EPA:	24 October 2001
Date of decision:	14 November 2001
Relevant Laws and Policies:	<i>Environmental Protection Act 1994</i> and subordinate legislation
Jurisdiction:	Part 1 item 1 of Schedule 1a of the Integrated Planning Regulation 1998 <and/or> Part 2 item 1 of Schedule 1a of the Integrated Planning Regulation 1998

Development Description:

Development application for a material change of use for the development of a extraction of materials and screening of materials.

Carrying out of Environmentally Relevant Activity (ERA):

20(c) 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 authority) from a pit or quarry using plant or equipment having a design capacity of 100 000 t or more per year

22(b) Screening etc. materials - Screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining authority) or by dredging using plant or equipment having a design capacity of 5 000 t or more, but less than 100 000 t, per year.

at the following place(s):

Lot 1 on RP 139396, Lot 6 & 7 on RP 13342, Lot 512 on SL 444 County of Stanley, Parish of Bulimba

located at:

226 Pine Mountain Road, Mt Gravatt East QLD 4122

Type of development

Material change of use of premises (tick whichever is applicable) –

- ☐ the start of a new use of the premises; or
- ☐ the re-establishment on the premises of a use that has been abandoned; or
- ☒ a material change in the intensity or scale of the use of the premises; or
- ☐ the holder of an environmental authority, or development approval, for an environmentally relevant activity proposes to carry out works for the construction or alteration of premises, or for the installation or alteration

of plant or equipment in premises, for carrying out the activity; and the construction, alteration or installation will result in an increase of 10% or more in the release of contaminant into the environment under the authority or approval.

Decision on Development Application

In deciding the application, the Environmental Protection Agency, as assessment manager, approves all or part of the application subject to conditions decided by the assessment manager and includes in the approval any concurrence agency conditions as a development approval

Further development permits required

Nil

Referral agencies

Concurrence Agencies: Nil
Advice Agencies: Nil
Referral Agencies: Nil

Additional information for applicants

This approval pursuant to under the *Environmental Protection Act 1994* does not remove the need to obtain any further approval for this development which might be required by other State and/or Commonwealth legislation. Applicants are advised to check with all relevant statutory authorities. Applicants also should comply with all relevant legislation.

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

Appeal

When issuing a decision notice under the *Integrated Planning Act 1997*, the assessment manager must state the rights of appeal for the applicant (section 3.5.15(2)(j)). The rights of appeal are attached to the back of this notice.

sch4p3(3) Prejudice the
protection of an individuals
right to privacy

Signed

14 November 2001

Date

Dr Stephen Skull
Acting Manager (Licensing)
Delegate of Administering Authority
Environmental Protection Act 1994



Conditions of the development approval

This development approval consists of the following schedules of conditions relevant to various issues:

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

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

- Schedule A - Activity
- Schedule B - Air
- Schedule C - Water
- Schedule D - Noise
- Schedule E - Waste
- Schedule F - Land
- Schedule G - Community
- Schedule H - Definitions
- Schedule I - Maps / Plans

SCHEDULE A - Activity

Plant and Equipment

(A1) The holder of this environmental authority/development 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) devices and structures used to store, handle, treat and dispose of waste;
- (iv) monitoring equipment and associated alarms; and
- (v) backup systems that act in the event of failure of a primary system.

Records

(A2) Any record or document required to be kept by a condition of this environmental authority/development approval must be kept at the licensed 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.

Alterations

- (A3) 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 10% or more in the quantity of the contaminant to be released to the environment.

Prevent and / or Minimise Likelihood Of Environmental Harm

- (A4) Notwithstanding any other requirements of this document, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused when carrying out the environmentally relevant activities.

Calibration

- (A5) All instruments and devices used for the measurement or monitoring of any parameter under any condition of this environmental authority/development approval must be calibrated, and appropriately operated and maintained.

Integrated Environmental Management System (IEMS)

- (A6) The holder of this environmental authority/development approval must implement the Integrated Environmental Management System (IEMS) that identifies the actual and potential release of ALL contaminants, their subsequent environmental impacts and what corrective and preventive measures will be taken to prevent and / or minimise the likelihood of environmental harm submitted with the application for environmental authority/development approval (ref: "Pine Mountain Quarry – Application for Environmental Authority, dated October 1995. The IEMS must also provide for the review and "continual improvement" in the overall environmental performance of all Environmentally Relevant Activities that are carried out.
- (A7) A copy of the Integrated Environmental Management System must be kept at the licensed place.
- (A8) The holder of this environmental authority/development approval must submit details of any amendment to the Integrated Environmental Management System to the administering authority with the annual return, which immediately follows the enactment of any such amendment.

Cease Activities in Event of Material or Serious Environmental Harm Occurring

- (A9) If the holder of this environmental authority/development approval becomes aware of material environmental harm or serious environmental harm as a result of carrying out the environmentally relevant activity then the said activities must cease immediately.

Acid Sulphate Soils (ASS)

- (A10) Any Acid Sulphate Soils disturbed, extracted or unearthed as a result of carrying out the environmentally relevant activities must be maintained in a submerged state or treated at the appropriate rate to neutralise all acid generating material as per the "Guidelines for Sampling and Analysis of Lowland Acid Sulphate Soils in Queensland 1998" by Ahern, Ahern and Powell.
- (A11) The holder of the environmental authority/development approval must carry out a visual inspection of any licensed place/place with development approval where there are acid sulphate or potential acid



sulphate soils and surrounding areas following each rainfall event and/or on a monthly basis during dry periods to determine the presence of and assess the extent of:

- (i) any unexplained scalding, degradation or death of vegetation (aquatic or terrestrial); and
- (ii) any unexplained death or disease in aquatic organisms including invertebrates and fish; and
- (iii) the formation of the mineral jarosite in exposed or excavated soils; and
- (iv) areas of green-blue water or extremely clear water; and
- (v) rust coloured deposits on plants and on the banks of drains, water bodies and watercourses.

- (A12) A record of the visual inspection required by Condition (A11) must be kept at the licensed place/place with development approval.

Notification

- (A13) Notify the administering authority as soon as practicable when the release of contaminants is not in accordance with the conditions of this document or any event where environmental harm may be threatened.

- (A14) Written advice of the following information must be provided within fourteen (14) days following any event as identified in condition number A13:

- the location of the event;
- the time of the event;
- the time the holder of this document became aware of the event;
- the suspected cause of the event;
- a description of the resulting effects of the event;
- actions taken to mitigate any environmental harm and or environmental nuisance caused by the event; and
- proposed actions to prevent a recurrence of the event.
- Record, compile and keep all monitoring results required by this document and present this information to the administering authority when requested, in a specified format.

Habitat Disturbance

- (A15) Any activity that is likely to disturb any aquatic fauna or flora outside of the works area must be carried out in such a manner so that any disturbance resulting from the conducting of the extraction and screening activities is prevented or minimised to the greatest practicable extent.

Site Rehabilitation Program

- (A16) The holder of this environmental authority/development approval, three (12) months from the date of issue of this environmental authority/development approval, must:
- (a) develop and progressively implement a Site Rehabilitation Program detailing practices and means necessary to prevent environmental harm during and after decommissioning of the environmentally relevant activities.
 - (b) In addition to (A16)(a), the holder of this environmental authority/development approval must develop and implement a site rehabilitation plan detailing practices and means necessary to prevent environmental harm during and after decommissioning of the environmentally relevant activities and which addresses the following matters:
 - (i) the final land use of the site;
 - (ii) the allowance for the maintenance of an adequate riparian zone and a buffer distance of at least 30 metres between Salvin Creek and the edge of the extraction and measures to protect Salvin Creek against erosion susceptibility;

- (iii) 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;
- (iv) proposed nature of materials utilised and techniques employed for any proposed backfilling of extracted areas such as filling, compaction, topsoiling, dewatering, overburden return and any other soil amelioration leading to vegetation establishment;
- (v) rehabilitation measures such as irrigation, weed control, use of local native plant/seedling selections, site security and any other remedial works during the rehabilitation works;
- (vi) prevention or minimisation of windblown dust from stockpiles, remnant raw material stockpiles and rehabilitation earthworks;
- (vii) prevention or treatment of the release of contaminated stormwater runoff from raw material stockpiles and disturbed areas to the bed or banks of Allan Creek;
- (viii) assessment of the likely impact on the water quality in the Salvin Creek from rehabilitation works. Matters to be assessed include:
 - likely uses and environmental values of the waters (including any lakes or ponds);
 - applicable water quality criteria to protect these values;
 - monitoring of water quality to confirm that water quality criteria are met; and
 - proposed remedial measures if water quality objectives are not met; and
- (x) an implementation program and timetable for all works proposed; and
- (xi) keeping of appropriate records of rehabilitation measures implemented including taking of photographs demonstrative of rehabilitation achieved and the preparation each year of a rehabilitation progress report detailing the outcomes of the rehabilitation program for the twelve (12) months prior to the date of annual return.

(A17) A copy of the rehabilitation progress report prepared pursuant to the Site Rehabilitation Program, for the twelve (12) months prior to the date of annual return, must be submitted to the administering authority with that annual return.

Erosion Prevention

(A18) The holder of this environmental authority/development approval must take reasonable and practicable measures to prevent erosion of creek banks as a result of carrying out the environmentally relevant activities.

(A19) Where extraction of material or associated activities, for example bank access, may cause erosion of any banks of Salvin Creek, the holder of this environmental authority/development approval must restore the banks to the pre-worked profile to prevent and/or minimise any such erosion.

(A20) The holder of this environmental authority/development approval must take reasonable and practicable measures to prevent any significant damage to riparian vegetation.

(A21) Water from disturbed areas must be directed towards the sedimentation ponds.

(A22) Uncontaminated stormwater runoff must be diverted away from disturbed areas.

(A23) A minimum 30 metre buffer distance must be provided between any site operation, works or equipment and any waters. This buffer shall be vegetated with indigenous plant species and must be kept free of noxious weeds and waste materials, including disused equipment.



- (A24) The holder of this environmental authority/development approval must take all reasonable and practicable measures to minimise the generation of turbidity in Salvin Creek resulting from the operation of the environmentally relevant activities, associated activities and rehabilitation works.

Fill Material

- (A25) The only material to be placed in any void or pond on the licensed place must be clean earthen fill, brick, pavers, ceramics and concrete (including embedded steel reinforcing rods) pulverised to a maximum 300mm nominal size.

END OF CONDITIONS FOR SCHEDULE A

Schedule B - Air

Dust and Particulate Emissions

- (B1) Prevent the release of odour, dust and/or particulate matter, spray-drift, smoke, aerosols or fumes that cause or are likely to cause a nuisance. Nuisance includes the release of contaminants that are likely to be offensive to a person or a nuisance in the opinion of an authorised person.
- (B2) Dust is not considered to be a nuisance under condition B1 if monitoring shows that dust and / or particulate matter did not or does NOT exceed the following limits at the boundary of any affected dust sensitive place:
- Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991; AND
 - A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (μm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at the boundary of any affected dust sensitive place downwind of the premises to which this development approval relates, when monitored in accordance with:
 - Australian Standard AS 3580.9.6 "Ambient air - Particulate matter - Determination of suspended particulate PM10 high-volume sampler with size-selective inlet - Gravimetric method"; or
 - any alternative method of monitoring PM10 which may be permitted by the "Air Quality Sampling Manual" as published from time to time by the administering authority.

Dust Control - Stockpiles

- (B3) Stockpiles must be maintained using all reasonable and practicable measures necessary to minimise the release of wind blown dust and particulate matter to the atmosphere. Reasonable and practicable measures may include but are not limited to:
- use of water spray as required during winds likely to generate such releases;
 - use of dust-suppressant shielding; and
 - storage in bunkers.

Dust Control - Trafficable Areas

- (B4) Trafficable areas must be maintained using all reasonable and practicable measures necessary to minimise the release of wind blown dust and traffic generated dust to the atmosphere. Reasonable and practicable measures may include but are not limited to:
- keeping surfaces clean;
 - sealing with bitumen or other suitable material;

- using water sprays;
- adopting and adhering to speed limits; using dust suppressants and wind breaks; and
- limited to 40 kmph speed.

Dust Control - Raw Material Preparation Plants

(B5) Raw material preparation plants and external transfer conveyors must be operated and maintained using all reasonable and practicable measures necessary to minimise the release of wind blown dust to the atmosphere. Reasonable and practicable measures may include but are not limited to:

- transfer of materials in a moist state;
- use of water sprays at transfer points; and
- use of shielding and windbreaks.

Dust Control - Aggregate Transport Trucks

(B6) The holder of this environmental authority/development approval must take all reasonable and practicable measures necessary to prevent spillage and/or loss of particulate matter and windblown dust from trucks used for transporting aggregates from the licensed place. Reasonable and practicable measures may include but are not limited to:

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

Rehabilitation - Dust Control

- (B7) All disturbed areas must be progressively revegetated.
- (B8) Rehabilitation work must be carried out in such a manner as to minimise releases of wind-blown dust and erosion.
- (B9) Access to areas awaiting or being rehabilitated must be restricted by suitable barriers to prevent disturbance of these areas.

END OF CONDITIONS FOR SCHEDULE B

Schedule C - Water

- (C1) Contaminants that may cause environmental harm must not be directly or indirectly released from the licensed place/or place holding development approval to any waters or the bed and banks of any waters except:
- (i) as permitted under the stormwater management schedule; or
 - (ii) to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.

END OF CONDITIONS FOR SCHEDULE C

Schedule D - Stormwater Management

Contaminant Releases Caused by Rainfall

- (D1) Except as otherwise provided by the conditions of the stormwater management schedule and the water schedule of this environmental authority/development approval, the environmentally relevant activities must be carried out by such practicable means necessary to prevent or minimise the contact of incident rainfall and stormwater runoff with wastes or other contaminants, and prevent or minimise the release or likelihood of release of any such contaminated runoff from the licensed place except for the release of the overflow of stormwater to Salvin Creek from the release point in (D2).

Release Points

- (D2) Contaminants must not be directly or indirectly released from the licensed place to any waters at any location other than the overflow of stormwater at the location listed below:

Release Point **Exit 1** as per sketch entitled "Pine Mt Road Material Recycling facility Dust and Water Environmental Monitoring Plan" dated 25 October 2001.

Sampling Point Details

- (D3) The determinations of the quality of contaminants released to check conformity with condition number D4 shall be undertaken at the monitoring points described in condition H12.

Quality Characteristics Of Release to Waters

- (D4) The release of contaminants to waters must comply, at the sampling and in - situ measurement point/s specified in Schedule H, with each of the limits specified in schedule Table 1 for each quality characteristic:

SCHEDULE D TABLE 1 - RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE POINT NUMBER	RELEASE LIMIT	Limit Type
Dissolved Oxygen (mg/L).	Exit 1	6 mg/L	Minimum
Suspended Solids. (mg/L)	Exit 1	50 mg/L	Maximum
pH	Exit 1	Not less than 6.5 or greater than 8.5	Range
Turbidity (NTU)	Exit 1	The turbidity when measured at the sampling points WS1, WS2, WS3 and WS4 must not exceed by more than 10 percent that of the Salvin Creek as measured on the same sampling day.	Range

- (D5) Notwithstanding the quality characteristic limits specified in Schedule D Table 1, the release of contaminants to waters must comply with the following qualitative characteristics:
- (a) The release must not have properties nor contain any organisms or other contaminants that, in the opinion of the administering authority, are capable of causing environmental harm or environmental nuisance.
 - (b) The release must not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.



Stormwater Management Plan

- (D6) The stormwater management plan entitled "QUWI – 397A" dated 25 October 2001 must be implemented by 3 December 2001.
- (D7) The holder of this environmental authority/development approval must submit details of any amendment to the approved Stormwater Management Plan to the administering authority with the Annual Return, which immediately follows the enactment of any such amendment.

First Flush Stormwater Containment System

- (D8) A first flush collection system must be installed and maintained to prevent or minimise the release of wastes or contaminants to any waters or the stormwater drainage system.
- (D9) The first flush collection system must operate to effectively collect and contain the first flush of stormwater runoff from contaminated areas and then bypass any continuing storm runoff to the stormwater drainage system or waters.
- (D10) The first flush collection system must have the capacity to collect and contain at least a volume equivalent to rainfall of 22 millimetres over the contaminated areas.
- (D11) When the first flush collection system is filled with water, any continuing stormwater runoff from contaminated areas must be effectively discharged via a stormwater bypass outlet to the stormwater drainage system or waters. The stormwater bypass outlet must be designed such that continuing stormwater runoff does not flush any previously collected contents to any stormwater drain or waters.
- (D12) As often as is necessary to maintain the required capacity, settleable solids must be removed from the collection system of the first flush system.
- (D13) All ponds used for the storage or treatment of contaminants or wastes must be installed and maintained so that a freeboard of not less than 0.5 metre is maintained at all times.
- (D14) Contaminants collected in the first flush system must be reused on the premises in a manner which does not harm the environment or disposed of in a manner in which the contaminants or wastes are unlikely to be released to any stormwater drain, roadside gutter or any waters.
- (D15) Ponds or other structures used for the storage or treatment of contaminants or wastes, including any associated pumps and control equipment, must not be located in any area below the one in ten year flood level.
- (D16) Clean uncontaminated stormwater must not be allowed to enter the The first flush collection system.
- (D17) All practical measures must be taken to prevent short-circuiting in the first flush The first flush collection system
- (D18) All contaminated stormwater runoff from the stockpile(s) and the areas utilised for the operation of the stockpile(s), internal roadways and processing areas must be collected and treated in the
- (D19) All contaminated stormwater runoff from the stockpile(s) and the areas utilised for the operation of the stockpile(s), internal roadways and processing areas must be collected and treated in the first flush collection system

Sediment and Erosion Control

- (D20) Effective erosion and sediment controls must be provided and maintained during site clearing and excavation works. Such measures must include diversion drainage works and sediment traps.
- (D21) All reasonable and practicable measures shall be taken to prevent the spillage of raw, or processed sand and gravel materials into Salvin Creek.
- (D22) The holder of the environmental authority/development approval must install silt fences, check dams, decantation basins and other erosion protection devices where appropriate in order to achieve compliance with condition D1.
- (D23) Temporary overburden stockpiles (defined as areas non -operational for periods in excess of 3 months), and bund walls must be revegetated as soon as practicable.

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.
- (E2) All disturbed areas (eg. borrow pits, stockpile and screening areas) must be progressively re-profiled and stabilised and rehabilitated to ensure that erosion is minimised.

End of Conditions for Schedule E

Schedule F – Noise other than Blasting Noise

- (F1) Prevent the emission of noise, which causes or is likely to cause a nuisance at any noise affected premises. Nuisance includes noise that is or is likely to be annoying, intrusive or offensive to a person or a nuisance in the opinion of an authorised person.
- (F2) Noise is NOT considered to be a nuisance under condition F1 if monitoring shows that noise does NOT exceed the following levels in the time periods specified in Schedule F Tables 1 and 2.

Schedule F - TABLE 1 - NOISE LIMITS (Noise Sensitive Place)

Noise Level dB(A) measured as:	Noise measured at a "Noise Sensitive Place"					
	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm -10pm	10pm - 7am	9am - 6pm	6pm -10pm	10pm - 9am
L_A 10, adj, 10mins	55	50	40	55	50	40
L_A 1, adj, 10mins	60	55	45	60	55	45

Schedule F - TABLE 2 - NOISE LIMITS (Commercial Place)

Noise Level dB(A) measured as:	Noise measured at a "Commercial Place"					
	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm -10pm	10pm - 7am	9am - 6pm	6pm -10pm	10pm - 9am
L_A 10, adj, 10mins	60	55	45	60	55	45
L_A 1, adj, 10mins	65	60	55	65	60	50

Blasting - General

- (F3) All blasting must be carried out in a proper manner by a competent person in accordance with best practice environmental management to minimise the likelihood of adverse effects being caused by the impact of airblast overpressure and ground borne vibrations at noise sensitive places and commercial places and on people living in or using the surrounding area.
- (F4) Noise from blasting operations must not exceed an airblast overpressure level of 115 dB (linear peak) for more than one (4) blast out of any five (5) consecutive blasts when measured at any of the monitoring points specified in Schedule H.

Ground-borne Vibration from Blasting

- (F5) Ground-borne vibration caused by blasting operations must not exceed a peak particle velocity of:
- (i) twenty-five (25) millimetres per second for vibrations greater than 35 Hz; or
 - (ii) ten (10) millimetres per second for vibrations less than 35Hz;
- the above values must not be exceeded for more than four (4) blasts out of any five (5) consecutive blasts when measured at any of the monitoring points specified in Schedule H.
- (F6) The measurement required for condition number F5 must be undertaken at a distance of at least the longest dimension of the foundations of a noise-affected building or structure away from such building or structure, between that building or structure and the site of the blasting.

General

- (F7) Notwithstanding any other condition of this environmental authority/development approval, no activities that are associated with quarrying operations and that are likely to give rise to noise complaints may be carried out:
- (i) outside the hours of 7.00 am to 5.00 pm Mondays to Saturdays;
 - (ii) on Sundays; and
 - (iii) on Christmas Day, Good Friday or Anzac Day.

END OF CONDITIONS FOR SCHEDULE F

Schedule G - Waste Management

General

- (G1) Procedures must be implemented to ensure that wastes are minimised, recycled, stored, handled and transferred in a proper and efficient manner and that any disposal of waste (excepting any release of waste provided for by a condition of this environmental authority/development approval) is to a facility appropriate to accept such waste.
- (G2) The holder of this environmental authority/development approval must not:
- (i) burn waste at or on the licensed place; or
 - (ii) allow waste to burn or be burnt at or on the licensed place; or
 - (iii) remove waste from the licensed place and burn such waste elsewhere.
- (G3) Records of trade waste agreements must be made available for inspection on request.

Regulated Waste

- (G4) Where regulated waste is removed from the licensed place (other than by a release as permitted under another schedule of this environmental authority), the holder of this environmental authority must monitor and record the following:
- (a) the date, quantity and type of waste removed;
 - (b) name of the waste transporter and/or disposal operator that removed the waste; and
 - (c) the intended treatment/disposal destination of the waste.
- (G5) Regulated waste must not be sent for disposal at any facility without the written approval of the person operating the facility.

- (G6) 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.

Waste Management Plan

- (G7) The Waste Management plan ref: QUWI-329 A dated 1 October 2001 must be implemented by 1 December 2001.

END OF CONDITIONS FOR SCHEDULE G

Schedule H - Self Monitoring And Reporting

Complaint Recording

- (H1) All complaints received by the holder of this environmental authority/development approval relating to releases of contaminants from operations at the licensed 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.
- (H2) The complaints record required by condition number H1 must be maintained for a period of not less than three (3) years.

Noise and Ground Vibration Monitoring

- (H3) Monitoring and recording of noise levels from the environmentally relevant activity to check conformity with conditions F2, F3, F4, and F5 of the Noise Schedule F must be undertaken at the location from where the noise complaint originated.
- (H4) For the purposes of checking compliance with conditions F1, F2, F3, F4, F5, F6 and F7 of the noise schedule F, monitoring of the noise levels and ground vibration from the environmentally relevant activities must be undertaken for such descriptors, characteristics and conditions relevant and reasonable and may include:
- (i) $L_{Amax, adj, T}$;
 - (ii) $L_{Aeq, T}$ (or $L_{A90, T}$);
 - (iii) $L_{AN, T}$ (where N equals statistical levels of 1, 10, 50, 90 and 99);
 - (iv) $Max L_{pA, T}$;
 - (v) $L_{Aeq, T}$;
 - (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;
 - (ix) overpressure level (dB linear peak.) (for blast monitoring only);
 - (x) peak particle velocity (for ground vibration monitoring only); and
 - (xi) location, dates and time of recording.

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- (H5) Noise monitoring must be undertaken to investigate any complaint of noise annoyance upon receipt of a complaint or upon a written request from the administering authority to carry out such monitoring.
- (H6) Records must be kept of the results of all monitoring of noise levels (including blasting noise and ground vibration levels) and other information required to be recorded in conjunction with such monitoring for a period of at least three (3) years.

Blasting - Noise Monitoring

- (H7) For the purpose of checking compliance with condition F4 of the noise schedule F, at least one (1) position located closest to the noise sensitive place must be selected for the monitoring and recording of overpressure level (dB linear peak) from each blast. The monitoring positions shall be those described as BM1 or BM2 as shown on map entitled "*Blast Monitoring For Ground Borne Vibration – Air Blast Overpressure*" dated 8 November 2001, submitted in support of the application for an environmental authority/development approval.

Blasting - Ground Vibration

- (H8) For the purpose of checking compliance with condition F5 of the noise schedule F, at least one (1) position located closest to the noise sensitive place must be selected for the monitoring and recording of peak particle velocity from each blast. The monitoring positions shall be those described as BM1 or BM2 as shown on map entitled "*Blast Monitoring For Ground Borne Vibration – Air Blast Overpressure*" dated 8 November 2001, submitted in support of the application for an environmental authority/development approval.

Quality Assurance - Noise

- (H9) The method of measurement and reporting of noise levels must comply with the Environmental Protection Agency's Noise Measurement Manual, Third Edition, 1 March 2000, or more recent editions or supplements to that document as they become available.
- (H10) 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.

Records

- (H11) Records must be kept of the results of all monitoring of noise levels (including blasting noise and ground vibration levels) and other information required to be recorded in conjunction with such monitoring for a period of at least five (5) years.

Monitoring of Contaminant Releases to Waters

- (H12) The holder of this environmental authority is responsible for the making of determinations of the quality of the contaminants released for the quality characteristics specified in Schedule H Table 1 at sampling point **Exit 1** (also described as **WM1**) and monitoring points described as **WM2** and **WM3** as marked on "*Pine Mt Road Material Recycling facility Dust and Water Environmental Monitoring Plan*" dated 25 October 2001 and frequency specified in Schedule H Table 1:

Schedule H - Table 1

QUALITY CHARACTERISTIC DETERMINATION	MONITORING POINTS	FREQUENCY
Dissolved Oxygen	WM1, WM2 and WM3	Not less than 3 times per annum during any release events
Suspended Solids.	WM1, WM2 and WM3	Not less than 3 times per annum during any release events
pH	WM1, WM2 and WM3	Not less than 3 times per annum during any release events
Visible oil and grease	WM1, WM2 and WM3	Not less than 3 times per annum during any release events
Turbidity	WM1, WM2 and WM3	Not less than 3 times per annum during any release events

Quality Assurance: Water Quality Measurements

- (H13) All determinations of the quality of contaminants released to waters must be made in accordance with methods prescribed in the Environmental Protection Agency's Water Quality Sampling Manual, 3rd Edition, December 1999, or more recent additions or supplements to that document as such become available.
- (H14) All determinations of the quality of contaminants released waters must be performed by a person or body possessing appropriate experience and qualifications to perform the required measurements.

Exception Reporting

- (H15) The holder of this environmental authority must notify the administering authority in writing of any monitoring result which indicates an exceedance of any licence limit within 28 days of completion of analysis.
- (H16) The written notification required by condition above must include:
- (i) The full analysis results; and
 - (ii) Details of investigation or corrective actions taken; and
 - (iii) Any subsequent analysis.

Ambient Particulate Monitoring

- (H17) The holder of this environmental authority must conduct a monitoring program of particulate in ambient air.
- (H18) Sampling must be performed at the following locations as per Plan 6 - contained in the "Application for Environmental Authority Section 41" dated October 1995:
- 1 - DM1 and
 - 2 - DM2.
- (H19) Analysis of the obtained samples must be made not less than quarterly for the following:
- (i) total water insoluble dust in milligrams; and
 - (ii) dust fallout in milligrams/square metre/day.
- (H20) The samples must be collected in accordance with the requirements of Australian Standard AS 3580.10.1 - 1991 for Ambient Air - Particulate Matter.

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- (H21) Records must be kept of the results of all monitoring of particulate in ambient air for a period of at least 5 years.

End of Conditions for Schedule H

Schedule I - Definitions

- (I1) **"Act"** means the *Environmental Protection Act 1994*.
- (I2) **"administering authority"** means the Environmental Protection Agency or its successor.
- (I3) **"aggregates"** means rock of any size including overburden, sand and soil.
- (I4) **"licensed place"** means the place to which this environmental authority relates.
- (I5) **"dust sensitive place"** means -
- a dwelling, mobile home or caravan park, residential marina or other residential place;
 - a motel, hotel or hostel;
 - a kindergarten, school, university or other educational institution;
 - a medical centre or hospital;
 - a protected area;
 - a park or gardens; or
 - a place used as an office or for business or commercial purposes.
- and includes the curtilage of any such place.
- (I6) **"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.
- (I7) **"land"** in the "Land Schedule" of this licence means land excluding waters and the atmosphere.
- (I8) **"authorised person"** means an authorised person as defined under the *Environmental Protection Act 1994*.
- (I9) **"annual return"** means the return required by the annual notice (under section 316 of the *Environment Protection Act 1994*) for the section 311 licence.
- (I10) **"protected area"** means -
- a protected area under the *Nature Conservation Act 1992*; or
 - a marine park under the *Marine Parks Act 1992*; or
 - a World Heritage Area.
- (I11) **"regulated waste"** means non-domestic waste in Schedule 7 of the *Environmental Protection Regulation 1998* and includes:
- for an element - any chemical compound containing the element; and
 - anything that has contained a regulated waste; and

- regulated waste that has been treated or immobilised.

- (I12) **"waters"** includes the bed and/or banks of any water(s), stormwater runoff and any part of a river, stream, lake, lagoon, pond, dam, swamp, wetland, gully, 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.
- (I13) **"noxious"** means harmful or injurious to health or physical well being.
- (I14) **"offensive"** means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.
- (I15) **"noise"** includes vibration of any frequency, whether emitted through air or another medium.
- (I16) **" $L_{Amax, adj, T}$ "** means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than 15 minutes, using Fast response.
- (I17) **" $L_{A 10, adj, 10 mins}$ "** 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.
- (I18) **" $L_{A 1, adj, 10 mins}$ "** 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
- (I19) **"background noise level"** means either:

 $L_{A90, T}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than 15 minutes, using Fast response.
- (I20) **" $MaxL_{PA T}$ "** means the absolute maximum instantaneous A-weighted sound pressure level measured over a time period of not less than 15 minutes, using Fast response.
- (I21) **"annoyance"** In determining what constitutes "annoyance" regard must be had to Australian Standard 1055.2 - 1997 Acoustics - Description and Measurement of Environmental Noise Part 2 Application to specific situations.
- (I22) **"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 - 1997 Acoustics - Description and Measurement of Environmental Noise Part 2 Application to Specific Situations.

- (I23) **"noise affected premises"** means a "noise sensitive place" or a "commercial place"
- (I24) **"noise sensitive place"** means -

- a dwelling, 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; or
- a park or gardens.

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

(126) **"release"** of a contaminant into the environment includes -

- to deposit, discharge, emit or disturb the contaminant;
- to cause or allow the contaminant to be deposited, discharged, emitted or disturbed;
- to fail to prevent the contaminant from being deposited, discharged, emitted or disturbed;
- to allow the contaminant to escape; and
- to fail to prevent the contaminant from escaping.

(127) **"odour sensitive place"** has the same meaning as a "dust sensitive place."

(128) **"clean earthen fill"** is earthen fill that has trace elements and contaminant levels within the *Interim Urban Ecological Investigation Levels (EILS) described in guideline B1, Table 5-A of the National Environmental Protection Measure, Assessment of Site Contamination*. Earthen fill found to be contaminated under these guidelines must not be removed or disposed of without a disposal permit, under section 424 of the *Environmental Protection Act 1994*.

END OF CONDITIONS FOR SCHEDULE I

Schedule J - Site Plans

Nil conditions

END OF CONDITIONS FOR SCHEDULE J

END OF DEVELOPMENT APPROVAL

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Division 8—Appeals to court relating to development applications

Appeals by applicants

- 4.1.27 (1) An applicant for a development application may appeal to the court against any of the following -
- (a) the refusal, or the refusal in part, of a development application;
 - (b) a matter stated in a development approval, including any condition applying to the development, and the identification of a code under section 3.1.6;
 - (c) the decision to give a preliminary approval when a development permit was applied for;
 - (d) the length of a currency period;
 - (e) a deemed refusal.
- (2) An appeal under subsection (1)(a) to (d) must be started within 20 business days (the “**applicant’s appeal period**”) after the day the decision notice or negotiated decision notice is given to the applicant.
- (3) An appeal under subsection (1)(e) may be started at any time after the last day a decision on the matter should have been made.

Appeals by submitters

- 4.1.28 (1) A submitter for a development application may appeal to the court about -
- (a) the giving of a development approval, including any conditions (or lack of conditions) or other provisions of the approval; or
 - (b) the length of a currency period for the approval.
- (2) The appeal must be started within 20 business days (the “**submitter’s appeal period**”) after the day the decision notice or negotiated decision notice is given to the submitter.
- (3) If a person withdraws a submission before the application is decided, the person may not appeal the decision.
- (4) If an application involves both impact assessment and code assessment, appeal rights for submitters are available only for the part of the application involving impact assessment.

Appeals by advice agency submitters

- 4.1.29 (1) An advice agency may, within the limits of its jurisdiction, appeal to the court about the giving of a development approval for a development application if -
- (a) the development application involves impact assessment; and
 - (b) the advice agency told the applicant and the assessment manager to treat its response to the application as a submission for an appeal.
- (2) The appeal must be started within 20 business days after the day the decision notice or negotiated notice is given to the advice agency as a submitter.

Appeals for matters arising after approval given (co-respondents)

- 4.1.30 (1) For a development approval given for a development application, a person to whom any of the following notices have been given may appeal to the court against the decision in the notice -
- (a) a notice giving a decision on a request for an extension of the currency period for an approval;
 - (b) a notice giving a decision on a request to make a minor change to an approval.
- (2) The appeal must be started within 20 business days after the day the notice of the decision is given to the person.
- (3) Subsection (1)(a) does not apply if the approval resulted from a development application (superseded planning scheme) that was assessed as if it were an application made under a superseded planning scheme.

Division 9 - Appeals to court about other matters

Appeals for matters arising after approval given (no co-respondents)

- 4.1.31 (1) A person to whom any of the following notices have been given may appeal to the court against the decision in the notice -
- (a) a notice giving a decision on a request to change or cancel a condition of a development approval;
 - (b) a notice under section 6.1.44 giving a decision to change or cancel a condition of a development approval.
- (2) The appeal must be started within 20 business days after the day the notice of the decision is given to the person.

Appeals against enforcement notices

- 4.1.32 (1) A person who is given an enforcement notice may appeal to the court against the giving of the notice.
- (2) The appeal must be started within 20 business days after the day notice is given to the person.

Stay of operation of enforcement notice

- 4.1.33 (1) The lodging of a notice of appeal about an enforcement notice stays the operation of the enforcement notice until -
- (a) the court, on the application of the entity issuing the notice, decides otherwise; or
 - (b) the appeal is withdrawn; or
 - (c) the appeal is dismissed.
- (2) However, subsection (1) does not apply if the enforcement notice is about -
- (a) a work, if the enforcement notice states the entity believes the work is a danger to persons or a risk to public health; or
 - (b) carrying out development that is the demolition of a work.

Appeals against decisions on compensation claims

- 4.1.34 (1) A person who is dissatisfied with a decision under section 5.4.8 or 5.5.3 for the payment of compensation may appeal to the court against -
- (a) the decision; or
 - (b) a deemed refusal of the claim.
- (2) An appeal under subsection (1)(a) must be started with 20 business days after the day notice of the decision is given to the person.
- (3) An appeal under subsection (1)(b) may be started at any time after the last day a decision on the matter should have been made.

Appeals against decisions on requests to acquire designated land under hardship

- 4.1.35 (1) A person who is dissatisfied with a designator's decision to refuse a request made by the person under section 2.6.19, may appeal to the court against -
- (a) the decision; or
 - (b) a deemed refusal of the request.
- (2) An appeal under subsection (1)(a) must be started within 20 business days after the day notice of the decision is given to the person.
- (3) An appeal under subsection (1)(b) may be started at any time after the last day a decision on the matter should have been made.

Appeals from tribunals

- 4.1.37 (1) A party to a proceeding decided by a tribunal may appeal to the court against the tribunal's decision, but only on the ground -
- (a) of error or mistake in law on the part of the tribunal; or
 - (b) that the tribunal had no jurisdiction to make the decision or exceeded its jurisdiction in making the decision.
- (2) An appeal against a tribunal's decision must be started within 20 business days after the day notice of the tribunal's decision is given to the party.

Court may remit matter to tribunal

- 4.1.38 If an appeal includes a matter within the jurisdiction of a tribunal and the court is satisfied the matter should be dealt with by a tribunal, the court must remit the matter to the tribunal for decision.

Division 10 - Making an appeal to court

How appeals to the court are started

- 4.1.39 (1) An appeal is started by lodging written notice of appeal with the registrar of the court.
- (2) The notice of appeal must state the grounds of the appeal.
 - (3) The person starting the appeal must also comply with the rules of the court applying to the appeal.
 - (4) However, the court may hear and decide an appeal even if the person has not complied with subsection (3).

Certain appellants must obtain information about submitters

- 4.1.40 (1) If the applicant or a submitter for a development application appeals about the part of the application involving impact assessment, the appellant must ask the assessment manager to give the appellant the name and address of each principal submitter who made a properly made submission about the application and has not withdrawn the submission.
- (2) The assessment manager must give the information requested under subsection (1) as soon as practicable.

Notice of appeal to other parties (div 8)

- 4.1.41 (1) An appellant under division 8 must, within 10 business days after the day the appeal is started (or if information is requested under section 4.1.40, within 10 business days after the day the appellant is given the information) give written notice of the appeal to -
- (a) if the appellant is an applicant - the assessment manager, any concurrence agency, any principal submitter whose submission has not been withdrawn and any advice agency treated as a submitter whose submission has not been withdrawn; or
 - (b) if the appellant is a submitter or an advice agency whose response to the development application is treated as a submission for an appeal - the assessment manager, the applicant and any concurrence agency; or
 - (c) if the appellant is a person to whom a notice mentioned in section 4.1.30 has been given - the assessment manager and any entity that was a concurrence agency for the development application.
- (2) The notice must state -
- (a) the grounds of the appeal; and
 - (b) if the person given the notice is not the respondent or a co-respondent under section 4.1.43 - that the person, within 10 business days after the day the notice is given, may elect to become a co-respondent to the appeal.

Notice of appeal to other parties (div 9)

- 4.1.42 (1) An appellant under division 9 must, within 10 business days after the day the appeal is started give written notice of the appeal to -
- (a) if the appellant is a person to whom a notice mentioned in section 4.1.31⁷³ has been given - the entity that gave the notice; or
 - (b) if the appellant is a person to whom an enforcement notice is given - the entity that gave the notice and if the entity is not the local government, the local government; or
 - (c) if the appellant is a person dissatisfied with a decision about compensation - the local government that decided the claim; or
 - (d) if the appellant is a person dissatisfied with a decision about acquiring designated land - the designator; or
 - (e) if the appellant is a person who is disqualified as a private certifier - the entity disqualifying the person and if the entity disqualifying the person is not the accrediting body, the accrediting body; or
 - (f) if the appellant is a party to a proceeding decided by a tribunal - the other party to the proceeding.
- (2) The notice must state the grounds of the appeal.

Respondent and co-respondents for appeals under div 8

- 4.1.43 (1) This section applies to appeals under division 8 for a development application.
- (2) The assessment manager is the respondent for the appeal.
- (3) If the appeal is started by a submitter, the applicant is a co-respondent for the appeal.
- (4) If the appeal is about a concurrence agency response, the concurrence agency is a co-respondent for the appeal.
- (5) If the appeal is only about a concurrence agency response, the assessment manager may apply to the court to withdraw from the appeal.
- (6) The respondent and any co-respondents for an appeal are entitled to be heard in the appeal as a party to the appeal.
- (7) A person to whom a notice of appeal is required to be given under section 4.1.41 and who is not the respondent or a co-respondent for the appeal may elect to be a co-respondent.

Respondent and co-respondents for appeals under div 9

- 4.1.44 (1) This section applies if an entity is required under section 4.1.42 to be given a notice of an appeal.
- (2) The entity given written notice is the respondent for the appeal.
- (3) However, if under a provision of the section more than 1 entity is required to be given notice, only the first entity mentioned in the provision is the respondent.
- (4) The second entity mentioned in the provision may elect to be a co-respondent.

How a person may elect to be co-respondent

- 4.1.45 (1) An entity elects to be a co-respondent by lodging in the court, within 10 business days after the day the notice of the appeal is given to the entity, a notice of election under the rules of court.
- (2) If a principal submitter is entitled to elect to become a co-respondent, any other submitter for the submission may also elect to become a co-respondent to the appeal.

Minister entitled to be represented in an appeal involving a State interest

- 4.1.46 If the Minister is satisfied that an appeal involves a State interest, the Minister is entitled to be represented in the appeal.

Lodging appeal stops certain actions

- 4.1.47 (1) If an appeal (other than an appeal under section 4.1.30) is started under division 8, the development must not be started until the appeal is decided or withdrawn.
- (2) Despite subsection (1), if the court is satisfied the outcome of the appeal would not be affected if the development or part of the development is started before the appeal is decided, the court may allow the development or part of the development to start before the appeal is decided.



Notice of decision to grant licence (with development approval) Sections 85 and 86 *Environmental Protection Act 1994*

COPY

This statutory notice is issued by the administering authority pursuant to sections 85 and 86 of the Environmental Protection Act 1994, to advise you of a decision or action.

Enquiries to : Parma Nand
Telephone : (07) 3224 5641
Your reference :
Our reference : STH2840/SR2156

Brisbane City Council
41 Lennon Street
STAFFORD QLD 4053

Attention: Mr Neville Crase,

Re: Application for a licence (with development approval) by Brisbane City Council to carry out Environmentally Relevant Activity (ERA) 20 (c) - Extracting material and ERA 22 (b) - Screening material on lot 1 on RP 139396, lots 6 and 7 on RP 13342 and lot 512 on SL 444, County of Stanley and Parish of Bulimba located at 226 Pine Mountain Road, Mt Gravatt East QLD 4122.

Your application for a licence (with development approval), received by this office on 3 October 2001 has been granted.

A copy of the licence No. SR2156 which includes the schedule of conditions, is attached.

This licence takes effect from 21 November 2001.

You may apply to the administering authority for a review of this decision within 14 days after receiving this notice. You may also appeal against this decision to the Planning and Environment Court.

Information outlining the review and appeal processes under the *Environmental Protection Act 1994* is included with this notice. This information is intended as a guide only. You may have other legal rights and obligations.

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protection of an individual's
right to privacy

Signed

Date

Dr Steven Skoll
Acting Manager (Licensing)
Delegate of Administering Authority
Environmental Protection Act 1994



Integrated Authority No. SR2156

Section 311 Environmental Protection Act 1994

COPY

This integrated authority, issued in accordance with section 311 of the Environmental Protection Act 1994 (the EP Act), provides for the carrying out of different Environmentally Relevant Activities or Environmentally Relevant Activities at different places managed in an integrated way. This integrated authority comprises of one or more types of environmental authority(ies) in accordance with sections 86, 93, 95, 104, 113 and 311, of the EP Act, and this integrated authority details the conditions that are relevant to each stated type of environmental authority.

Under the provisions of the Environmental Protection Act 1994 this integrated authority is issued to:

Brisbane City Council
 41 Lennon Street
 STAFFORD QLD 4053

in respect of carrying out the Environmentally Relevant Activities (ERAs) at the same place and under the type of environmental authority described in Table 1.

This integrated authority is subject to the conditions set out in the attached schedules.

The anniversary date of this licence is 21 November.

This integrated authority takes effect from 21 November 2001.

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Signed

14/11/2001
 Date

Dr Steven Skull
Acting Manager (Licensing)
 Delegate of Administering Authority
 Environmental Protection Act 1994

Note: This integrated authority document is not proof of the current status of the integrated authority. The current status of the integrated authority may be ascertained by contacting the Environmental Protection Agency.

Table 1: This integrated authority consists of the following part(s):

Part 1: Licence/s (with development approval) (Section 86)

Applicable Part & Schedule(s)	ERA No.	ERA name	Lot	Plan	Location
1	20(c)	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 under a mining authority) from a pit or quarry using plant or equipment having a design capacity of 100 000 tonnes or more per year.	1	139396	226 Pine Mountain Road, MT GRAVATT EAST QLD 4152
			6	13342	
			7	13342	
1	22(b)	Screening etc. materials - screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining authority) or by dredging using plant or equipment having a design capacity of 5 000 tonnes or more, but less than 100 000 tonnes per year.	1	139396	226 Pine Mountain Road, MT GRAVATT EAST QLD 4152
			6	13342	
			7	13342	

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

This integrated authority incorporates the following parts:

Part 1 - Licence/s (with development approval)

Each part consists of conditions relevant to various issues.



PART 1 - LICENCE(S) (WITH DEVELOPMENT APPROVAL) (Section 86)

This part and its conditions must be considered in conjunction with any conditions imposed on your development approval(s) granted under the Integrated Planning Act 1997 or its equivalent for the activities under this part.

Schedule 1A - General conditions

Integrated Environmental Management System (IEMS)

- (A1) By 1 December 2001, the holder of this environmental authority/development approval must implement the Integrated Environmental Management System (IEMS) that identifies the actual and potential release of ALL contaminants, their subsequent environmental impacts and what corrective and preventive measures will be taken to prevent and / or minimise the likelihood of environmental harm submitted with the application for environmental authority/development approval (ref: "Pine Mountain Quarry – Application For Environmental Authority, dated October 1995). The IEMS must also provide for the review and "continual improvement" in the overall environmental performance of all Environmentally Relevant Activities that are carried out.
- (A2) A copy of the Integrated Environmental Management System/development approval must be kept at the licensed place.
- (A3) The holder of this environmental authority/development approval must submit details of any amendment to the Integrated Environmental Management System to the administering authority with the annual return which immediately follows the enactment of any such amendment.

END OF CONDITIONS FOR SCHEDULE 1A

Schedule 1I - Definitions

Nil conditions are imposed.

END OF CONDITIONS FOR SCHEDULE 1I

Schedule 1J - Site Plans

Nil conditions are imposed.

END OF CONDITIONS FOR SCHEDULE J

END OF PART 1

END OF INTEGRATED AUTHORITY

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an
individual's
right to
privacy



Acknowledgment notice to applicant

Section 3.2.3 and 3.5.4 Integrated Planning Act 1997

This statutory notice is issued by the administering authority pursuant to sections 3.2.3 and 3.5.4 of the Integrated Planning Act 1997, to advise you of a decision or action.

Enquires to : Parma Nand
Telephone : (07) 3224 6039
Your reference :
Our reference : STH2840 Vol 1

Brisbane City Council
41 Lennon Street
STAFFORD QLD 4053

Attention: NEVILLE CRASE,

Re: Application for development approval.

Application information

Applicant : Brisbane City Council
Application received by EPA: 3 October 2001
EPA no: 0212DA
Description: 20(c), 22(b) Extracting rock or other material ☐ Screening etc. materials

Development proposed

Brisbane City Council has applied for a development approval to increase the extraction of rocks to 20(c) from 20(b) and to continue to screen materials at 22(b) level.

Property description

Street address of subject land: 226 Pine Mountain Road, Mt Gravatt East QLD 4122
Location details: Lot 1 on RP 139396,
Lot 6 & 7 on RP 13342,
Lot 512 on SL 444
County of Stanley, Parish of Bulimba

Owner details

Name: Brisbane City Council
Postal Address: 41 Lennon Street, Stafford QLD 4053

Development approval

Application for a development permit for making a material change of use of premises.

Code assessment

Code assessment is required.

Relevant codes: Environmental Protection Act 1994 and associated policies.

Referral agencies

Concurrence Agencies: Nil

Advice Agencies: Nil

Information request

The Assessment Manager does not intend to make an information request.

Referral coordination

The application does not require referral coordination.

Assessment manager

Organisation name: Environmental Protection Agency

Concurrence Agency office: Environmental Protection Agency
Southern Regional Office (Brisbane)

Postal Address: GPO Box 2771 BRISBANE QLD 4001

Telephone: (07) 3224 5641

Fax: (07) 3225 8723

Jurisdiction: *Environmental Protection Act 1994 and associated legislation*

Should you require any further information please do not hesitate to contact Parma Nand on (07) 3224 6039.

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to privacy

19 October 2001

Signed

Date

Gary Kane

Operations Manager (Licensing)

Delegate of Administering Authority

Environmental Protection Act 1994



Contact Name: Mr Colin Mitchell

Telephone: 3403 1031

Our Ref.: C:\My Documents\Quarries\EPA\EPA Pine Licence App Decision 02 Nov 2001.doc

Brisbane CityWorks
41 Lennon Street
Stafford Qld 4053

Telephone 07 3403 7800

Facsimile 07 3403 7896

A business unit of the Brisbane City Council

2 November, 2001

Environmental Protection Agency
South Eastern Region
GPO Box 2771
BRISBANE QLD 4001

EPA SOUTH EASTERN REGION	
Correspondence No. STH2001/10145	Barcode No.
File No. 2	PART/FOLIO
Action Origin Parma Nand	Related Items

Attention: Mr Parma Nand

Dear Sir

RE: Pine Mountain Road Material Recycling Facility
Application for Licence

Further to your Draft Conditions received by email, we provide the following comments:

1. Schedule A – Acid Sulphate Soils

We request that Clauses A10 to A12 be deleted as Pine Mountain cannot even be considered a potential ASS site.

2. Schedule A – Site Rehabilitation Program

We request that you extend the time prescribed in A16 from 3 months to a minimum of 12 months. This is due to the extensive consultation required to develop and finalise such a plan.

In addition, Clause A16 should be (b)(x) requires a timetable. We would be unable to provide such a timetable with any precision due to the fluctuating volumes of inert material received for filling/rehabilitation operations.

3. Schedule A – Erosion Prevention

With reference to Clause A21, it is not possible to direct water from the office/entry area to a sediment pond due to the topography. However, all runoff from this area passes through a gypsum rock filter and the area is sealed and cleaned regularly.

With reference to Clause A23, due to existing infrastructure, we are unable to maintain the minimum 30m buffer distance.

4. Schedule A – Fill Material

With reference to Clause A25, we are concerned that this clause may limit the materials able to be used for the filling/rehabilitation of the worked areas. Please refer to the attached list which details the allowable and banned materials. We request that the conditions incorporate this list.

5. Schedule 1D – Stormwater Management

With reference to Clause D2, we advise that WM3 and WM4 are not release points, they are purely water monitoring points. The primary release point is indicated on the *Pine Mt. Road Material Recycling Facility Dust and Water Environmental Monitoring Plan* as an arrow labelled Exit 1 which is just upstream of WM1.

WM3 is an upstream background monitoring point. WM4 is a downstream monitoring point which is a difficult site to reconcile due to outside influences which include discharges from a disused quarry on the southern side of Pine Mountain Road. Our Environmental Management Co-ordinator has recommended we delete WM4 as a monitoring point due to the difficulties in accessing the site and the external influences.

We request that the references to WM3 and WM4 as being release points are deleted and that WM4 is deleted as a water monitoring point. Please also delete reference to WM4 in Clause H8.

With reference to Clause D11, we have some concerns in relation to the requirements and practical application of this clause, despite it being included in our current licence. Due to the topography of the site and several external influences, we do not consider it practical to completely satisfy the requirements of a bypass system. Considering we fully comply with our Stormwater Management Plan, we cannot perceive any additional benefits that may be obtained. We request that this clause be amended to reflect a more practical and reasonable solution.

6. Schedule 1F – Noise other than Blasting Noise

With reference to Clause F7(ii), we request clarification of “quarrying operations”. Our operations require us to on occasions to receive inert material on Sundays. Please note that we do not extract, blast or crush on Sundays. We would not expect our Sunday operations to give rise to noise complaints.

7. Schedule 1H – Self Monitoring and Reporting

With reference to Clause H6, we advise that BM1 is located at the roundabout in Wyncroft Steet, corner of Bassett Street (UBD Map 181 Ref E/F12) and BM2 is located at the intersection of Pine Mountain Road and the site entry road.

With reference to Clause H8, we reiterate our comments outlined in Item 5 above and request that references to WM 3 and WM4 be deleted.

In addition, we question why the determination of visible oil and grease is required. This characteristic is not included in Schedule D Table 1.

Please contact Colin Mitchell should you require any further information.

Yours faithfully,

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protection of an individuals right to
privacy

Nev Crase
Manager – Asphalt Operations
BRISBANE CITY WORKS
enc

PINE MOUNTAIN QUARRY**ATTACHMENT 1- CHECKLIST FOR FILL MATERIAL****ALLOWABLE FILL MATERIAL**

- Concrete (with or without steel reinforcing rods)
- Bitumen/asphalt/RAP
- Road base
- Soil (Loam, clay etc)
- Gravel/sand
- Bricks
- Rock / Stone
- Disused concrete or clay pipes

Note: Porphyry stone blocks are Heritage listed and must be placed in a designated area

BANNED FILL MATERIAL INCLUDE

- Vegetation (e.g. tree limbs, roots, leaves, hay bales)
- Empty fuel / oil drums
- Asbestos
- Refuse (fresh or excavated from construction sites)
- Contaminated soil (e.g. from chemical/oil spill)
- Lunch & general waste from construction sites
- Geofabric/geotextile sheeting
- Paper/cardboard
- Metals – other than steel reinforcing rods
- Timber
- Regulated Wastes (See attachment 2)

Refuse entry to vehicles carrying these materials. If illicit dumping is discovered, isolate material on a hard surface and contact Quarry Operations Coordinator or Environmental Management Co-ordinator at Risk Management Unit for direction.



Contact Name: Mr Colin Mitchell

Telephone: 3403 1031

Our Ref.: C:\My Documents\Quarries\EPA\EPA Pine Licence App STW 22 Oct 2001.doc

EPA SOUTHERN REGION	
Correspondence No. STW 2001/9842	Barcode No.
File No. 2113 STW 2840	PART/FOLIO 7
Action Officer [Redacted]	Related Items

Brisbane CityWorks
ABN 72 002 765 795

Brisbane CityWorks
41 Lennon Street
Stafford Qld 4053

Telephone 07 3403 7800

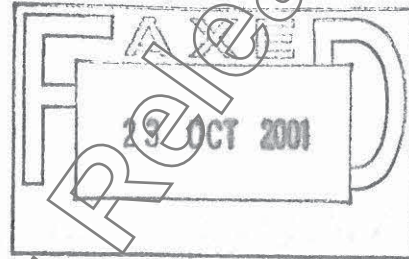
Facsimile 07 3403 7896

A business unit of the Brisbane City Council

22 October, 2001

Environmental Protection Agency
South Eastern Region
GPO Box 2771
BRISBANE QLD 4001

Attention: Mr Parma Nand



Dear Sir

RE: Pine Mountain Road Material Recycling Facility
Application for Licence
Additional Information

Further to your request, we attach the following documents:

- Waste Management Plan;
- Stormwater Management Plan; and
- Location of sampling points for dust and stormwater.

Please contact Colin Mitchell should you require any further information.

Yours faithfully,

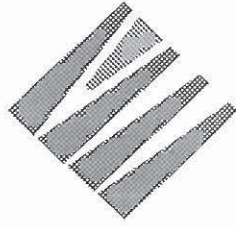
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Nev Crase
Manager - Asphalt Operations
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Brisbane



CityWorks

MT COOT-THA QUARRY

WASTE MANAGEMENT PLAN

QUWL-329

APPROVED BY	Neil Cox
ISSUE DATE	CHANGE DETAILS
29-05-2001	ORIGINAL ISSUE - Draft

1.0 PURPOSE

The purpose of this plan is to document how we meet the requirements of the Environmental Authority with regard to the disposal of waste from Mt Coot-tha Quarry.

2.0 SCOPE

The scope of these instructions covers all waste material from Mt Coot-tha Quarry.

3.0 TYPES OF WASTE

	Types of waste	Source	Quantity produced	Current method of disposal
1	Waste oil	Fixed and mobile plant oil changes	5000 litre per year	Collected by licensed recycler
2	Unusable scrap steel	Plant maintenance and modifications	40 tonne per year	Collected by Simsmetal for recycling
3	Waste paper	Offices and weighbridge	50kg per year	Collected by Shreddex
4	General refuse	Lunchroom, Offices, Workshops, Site operations	40 tonne per year	Collected by Cleanaway to landfill

4.0 WASTE MINIMISATION OBJECTIVES**4.1 Waste Oil**

Oil is changed as per manufacturer specifications for fixed and mobile plant. Care is taken to ensure all retrievable waste oil is removed to the on site oil storage facility to await collection by recyclers.

Target: 99% of waste oil to be taken from site for the purpose of recycling (Allowing for 1% left in filters)

4.2 Scrap Steel

Maintenance supervisor has implemented a 'tile' system for wear plates to enable small sections only to be replaced thus reducing the amount of scrap wear plate. During plant modifications any steel that may be reused is salvaged and stored in the maintenance compound.

Target : 100% of unusable scrap steel to be collected by 'Simsmetal' for recycling

4.3 Waste Paper

Used paper from computer printers and photocopiers is kept and used as note paper.

Target : 100% of waste paper from offices and weighbridge to be put into 'Shreddex' bins and removed from site for recycling

4.4 General Refuse

Due to the nature of the operation it is not believed that general refuse quantities can be reduced significantly, however, purchasing officers minimise in areas where they are able, such as packaging.

Target : 100% of general refuse to be put into 'Cleanaway' bins provided and regularly serviced.

5.0 PROCEDURE**5.1 Responsibilities**

The Quarry Manager shall ensure that regulated waste is not released to the environment, stored, transferred or disposed of contrary to the conditions of the Licence(s) granted by the Department of the Environment.

This responsibility is transferred to all persons (including contractors) engaged at the quarry

5.2 Register of Off-site Movements

The Quarry Manager (or delegated person) shall maintain a Register of Regulated Waste material removed from the Quarry site showing:

1. The date, quantity and type of waste removed.
2. The name of the waste transporter and/or disposal operator that removed the waste.
3. The intended treatment/disposal destination of the waste.

5.3 Waste Management Plan.

The Quarry Manager shall set targets and objectives for the disposal of wastes with an aim to reducing wastes from the Quarries. This Plan shall be reviewed annually.

Changes to the Plan are to be advised to the Queensland Department of Environment & Heritage.

5.4 Records**a. Retention**

Records of all wastes generated, removed or otherwise disposed of shall be retained on site for a period of 5 years.

b. Returns

Records of Regulated Wastes are to be included in the Annual Return to the Department of the Environment.

5.5 Waste Audit

A waste audit is to be carried out and submitted to the administering authority (EPA) every five (5) years.

The audit is to include details of :

- ☐ any additional wastes
- ☐ changes to quantities produced
- ☐ different disposal methods
- ☐ improvements/reductions in waste
- ☐ significant impacts of waste produced

6.0 DEFINITIONS**“Regulated Wastes” –**

means non-domestic waste mentioned in schedule 7 (whether or not it has been treated or immobilised) and includes-

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

as defined in Schedule 7 of the Environmental Protection Regulations 1998 –
Extract is attached for information

**7.0 LIST OF REGULATED WASTES (Relevant to the process of Quarrying)
(Extract from Schedule 7 of the Environmental Protection Regs 1998)**

Acids and acid solutions
 Adhesives (other than solid inert polymeric materials)
 Alkalis and alkaline solutions
 Arsenic
 Asbestos (all forms)
 Batteries
 Caustic solutions
 Chlorates
 Contaminated soils
 Copper compounds
 Detergents
 Dyes
 Hydrocarbons (oxygen, nitrogen or sulphur)
 Industrial plant wash-down water
 Infectious substances
 Inorganic cyanides and cyanide complexes
 Inorganic sulphur compounds
 Isocyanate compounds (other than solid inert polymeric materials)
 Lead
 Lime neutralised sludges
 Mercury and anything containing mercury
 Metal finishing effluent and residues
 Nickel
 Oil interceptor sludges*
 Oil water emulsions and mixtures*
 Oils*
 Organic solvents
 Oxidising agents
 Paint sludges and residues
 Pesticides
 Petroleum tank sludges
 Polychlorinated biphenyls (and related substances)
 Resins
 Surfactants
 Tars & tarry residues
 Treatment tank sludges & residues
 Tyres
 Vehicle wash down waters
 Zinc compounds

* common items found at quarry.

PINE MOUNTAIN QUARRY

STORMWATER MANAGEMENT PLAN

19 February 1997

Report prepared by: The Catchment Management Unit
Department of Works
Brisbane City Council

1.0 INTRODUCTION

The stormwater management plan described within this report has been prepared as part of the Council's submission to the Department of Environment (DOE) for renewal of its environmental authority with respect to the quarry's stormwater discharge.

The Pine Mountain Quarry is located off Pine Mountain Road, Carina Heights. The combined exposed and rehabilitated quarry area totals around 23 hectares. This represents 16% of the total 143 hectare catchment area upstream of the quarry's main discharge point.

2.0 DESCRIPTION OF EXTERNAL CATCHMENT'S SURFACE DRAINAGE

The external catchment is approximately 60% urbanised and 40% open space, as shown in Figure 1. New developments are currently occurring within the catchment, but the majority of the area zoned for urbanisation has either been developed or is in the final stages of development. Thus, it is likely that the external catchment has recently experienced an increase in sediment transport. This sediment transport is expected to decrease and stabilise over the next few years.

3.0 DESCRIPTION OF SURFACE DRAINAGE WITHIN THE QUARRY

Stormwater runoff within the quarry consists of both sheet flow and open diversion channels. No piped drainage exists within the quarry.

3.1 Identification of exit points and their catchments

The quarry subcatchments are shown in Figure 2. Drainage aspects of each subcatchment are described below.

Subcatchment A is located on the upper level of the quarry and discharges sheet flow out of the quarry area to a steep gully. This gully eventually discharges to Salvin Creek just upstream of the quarry entrance. The catchment area of 1.49 hectares has been fully revegetated with ground cover grasses.

The quality of the stormwater runoff is expected to be comparable to that of an undisturbed catchment within the next 12 months as the vegetation cover becomes fully developed. Monitoring the success of this revegetation program forms part of the recommendations of this report.

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PINE MNT QUARRY
PINE MNT QUARRY

22. OCT. 2001 13:35

Subcatchment B consists of both undisturbed and disturbed areas with a total catchment area of 4.57 hectares. The disturbed area is currently being revegetated and in the near future the only source of sediment will be from the access roads. This subcatchment currently drains to a northern tributary of Salvin Creek.

Subcatchment C has an area of 1.26 hectares. This area is used mainly for material storage purposes. Exposed soil fill exists along the escarpment from which sediment-laden runoff can discharge to the northern tributary of Salvin Creek.

Subcatchment D consists partially of a bitumen sealed storage area and a grassed buffer zone located between the storage area and Salvin Creek. Stormwater runoff from this area discharges directly through the grassed buffer area to Salvin Creek. Subcatchment D has an area of 0.69 hectares.

Subcatchment E also contains a series of material distribution and storage areas. The 3.05 hectare catchment is mostly sealed with bitumen and concrete except for the small upper bushland area. The subcatchment currently discharges partly through subcatchment D and partly to the creek culvert at the site entry point.

Subcatchment F contains the main quarry area of 11.9 hectares. This subcatchment is almost totally exposed and is the main source of possible sediment runoff. The subcatchment discharges to a small sediment basin which in turn discharges to the watercourse just upstream of the quarry entrance.

Subcatchment G is on the opposite side of Salvin Creek and contains the entrance road, a short section of Pine Mountain Road and an undisturbed bushland buffer zone. Stormwater flows along a table drain alongside the entry road and into Salvin Creek. The drain has been recently excavated and no erosion controls have been put in place.

3.2 *Potential sources of stormwater pollution*

The potential sources of stormwater pollution are identified in Table 1.

Table 1

Potential sources of stormwater pollution

Subcatchment	Potential stormwater pollution
A	<ul style="list-style-type: none"> • Typical sediment runoff from an undisturbed bushland area.
B	<ul style="list-style-type: none"> • Initially higher than desirable sediment runoff while revegetation is in progress. • Coarse sediment runoff from road surface and unstable table drains. • Minor turbidity from the hard clay pan surface of the table drains and the steep spillway chute (Item 1, Figure 2).
C	<ul style="list-style-type: none"> • Coarse sediment and turbidity from loose fill. • Miscellaneous sediment runoff from material stockpiles.
D	<ul style="list-style-type: none"> • Minor coarse sediments imported onto the bitumen surface. • Minimal turbidity.
E	<ul style="list-style-type: none"> • Coarse and fine sediment washoff from material stockpiles. • Some minor sediment washoff from access roads. • Minimal turbidity.
F	<ul style="list-style-type: none"> • Coarse and fine sediments from quarry face and stockpiles. • Turbidity.
G	<ul style="list-style-type: none"> • Sediments and turbidity from eroding table drain
External	<ul style="list-style-type: none"> • Typical urban and bushland runoff. • Sediments and turbidity from several current house constructions.

3.3 Existing stormwater management system

Subcatchments A, B, C and G currently discharge directly from the site with little or no treatment. However, runoff from subcatchment D and part of E is filtered through a short grassed buffer zone adjacent to the creek.

Runoff from subcatchment F is directed to a small sediment basin that discharges into Salvin Creek just upstream of the quarry entrance road (Item 2, Figure 2).

3.4 Description of current runoff quality

Water quality results from stormwater runoff are provided below in Table 2. The samples were taken on 1 May 1996 during a significant rainfall event. Sample 1 was taken from the centre of the existing sediment pond, which was discharging directly into Salvin Creek. Sample 2 was taken from overland flow from Subcatchment E as it entered Salvin Creek adjacent to the weighbridge.

Table 2

Summary of Stormwater Quality Results

Parameter	Units	Guideline	Sample 1	Sample 2
pH		6.5 (min) to 9 (max) ¹	7.5	7.2
Conductivity	$\mu\text{S/cm}$	1500 ¹	660	190
Suspended Solids	mg/L	70 ²	230	3110
Turbidity	NTU	-	260	2800
Total Nitrogen	mg/L	0.1 - 0.5 ^{1,3}	1.4	1.1
Total Phosphorus	mg/L	0.005 - 0.05 ^{1,3}	0.27	NT

Notes: 1. Guidelines for the protection of aquatic ecosystems from: Australian and New Zealand Environment and Conservation Council (ANZECC) (1992) *Guidelines for the Protection of Australian Fresh and Marine Waters*

2. Maximum concentration of suspended solids, set for the site by the DoE

3. Range of recommended maximum values given in recognition of the diversity of Australia's ecosystems

At the time of sampling, rain had been steadily falling for a couple of days, so any 'first flush' effect is not expected to be incorporated in the results.

The results indicate that pH and conductivity – a measure of salinity – are acceptable. Total Nitrogen and Total Phosphorus were above the range of maximum concentrations suggested by ANZECC. Both parameters, however, had lower concentrations than the average 'event mean concentrations' EMCs determined for Sandy Creek, Indooroopilly (3.36 mg/L and 0.38 mg/L respectively, monitored between August 1994 and November 1995).

Suspended solids concentrations were exceeded for both samples. Results of particle size analysis on sample 1 show that runoff consisted of very fine particles. Approximately 72 % of the suspended material consisted of particles with diameters less than 4.7 microns.

4.0 DESCRIPTION OF RECEIVING WATERS

All stormwater flows, either directly or via a small well defined gully on the north east boundary, into Salvin Creek, a tributary of Bulimba Creek. Salvin Creek has been declared a Conservation Planning Unit in the Strategy Plan for the Management of Brisbane's Waterways. (1992), refer to Figure 3. The basis of this declaration is a corridor of remnant rainforest extending along the stream, which has been identified as having special environmental significance in the Brisbane Conservation Atlas (1993).

It has been recommended that the original creek bed and fringing vegetation, where present, should be preserved. No particular reference was made to the water quality of Salvin Creek and no baseline data are available.

5.0 EFFECTIVENESS OF EXISTING STORMWATER MANAGEMENT

At present, the stormwater management system is inadequate, with few controls in place to prevent the uptake and export of sediments from the quarry site. A summary of its effectiveness on a subcatchment basis is presented in Table 3 below.

Recommendations have been formulated according to the principles of BPEM and include improvements to the surface drainage regime and more effective treatment of sediment-laden runoff. These should reduce suspended solid concentrations to acceptable levels, however an ongoing monitoring program will be required to enable a qualitative assessment of the system's long-term performance.

Table 3
Effectiveness of current stormwater management

Subcatchment	Assessment of existing stormwater management
A	• Effective erosion and sediment controls given current revegetation program.
B	<ul style="list-style-type: none"> • Limited drainage controls on roads and outlet channel. • Effective erosion control given current revegetation program. • No sediment controls prior to discharging to northern tributary.
C	• No drainage, erosion or sediment controls prior to discharging to northern tributary.
D	• Effective drainage, erosion and sediment controls.
E	<ul style="list-style-type: none"> • Limited drainage controls. • No erosion controls, though possibly no alternative exists on such an active site. • No sediment controls.
F	<ul style="list-style-type: none"> • Drainage controls exist. • No erosion control, though limited alternatives exist on such an active quarry site. • Limited sediment controls in the form of a small sediment pond.
G	<ul style="list-style-type: none"> • Effective vegetation buffer zone for overland flow • No erosion controls on excavated table drain

In summary the existing stormwater management system for a significant portion of the quarry is ineffective given current management standards. Modifications to the stormwater management system are constantly in progress given the active nature of the quarry. However, further modifications are provided in the recommendations of this report.

6.0 RECOMMENDATIONS

6.1 Stormwater Management Scheme

The recommended stormwater management scheme is shown in Figure 4.

Subcatchment A

- (i) Monitor effectiveness of the existing revegetation scheme.
- (ii) If rill erosion is observed then backfill or otherwise remove the rills and re-seed. In such a case, a sediment fence should be installed along the contour to trap sediment runoff.

Subcatchment B

- (i) Finalise and monitor the success of the revegetation program.
- (ii) Install cross drainage on the roadways where appropriate. Excavate the existing roadside table drain and line with riprap (nominal 150 mm) such that the existing drainage capacity is maintained.
- (iii) Construct a nominal 1.5 m deep, 3 m x 3 m sediment trap at the outlet of the table drain (Item 1, Figure 4). Construct a rock filter dam at the outlet of the sediment trap to discharge to the existing spillway chute. Appropriately stabilise the existing spillway chute with 500 mm riprap or check dams.
- (iv) Monitor sediment runoff from this area. If erosion is controlled, then the runoff should continue to be directed to its current discharge point. However, if sediment runoff is not controlled by the revegetation and proposed drainage controls then the runoff should be appropriately directed through the site and to the proposed sediment basin (refer to subcatchment E).

Subcatchment C

- (i) Install sediment fences along the contour and at least 2 metres from the base of the unstabilised fill embankments. Seed and mulch the embankments.
- (ii) Install a catch drain along the top of the fill embankment to direct stormwater runoff to a stable (nonfill) outlet.

Subcatchment D

- (i) Construct a perimeter bank (Item 2, Figure 4) to direct runoff from subcatchment E away from subcatchment D.

Subcatchment E

- (i) Install catch drain or perimeter bank/speed bump to direct runoff to the sediment basin installed within subcatchment F.
- (ii) Topsoil and revegetate exposed areas at the summit of the subcatchment (Item 3, Figure 4).

Subcatchment F

- (i) Construct a sediment basin and outlet filter dam (Item 4, Figure 4) as discussed in Section 6.2 of this report.

Subcatchment G

- (i) Stabilise table drain and cleared surrounds.

6.2 Sizing of main sediment basin

Table 4 Sediment basin sizing

Sediment basin dimensions based on catchment area of 14.95 ha (subcatchments E + F).					
	NSW Department of Housing method.	CaLM method Based on selected critical grain size			Sediment pond (150 m ³ /ha)
		0.01 mm	0.02 mm	0.05 mm	
Surface area (m ²)	606	10 000	2500	635	2240
Maximum width (m)	14	58	29	14.5	27
Minimum length (m)	43	173	87	44	82
Settlement depth (m)	1.0	0.6	0.6	0.6	1.0
Settlement volume (m ³)	606	6000	1500	381	2240

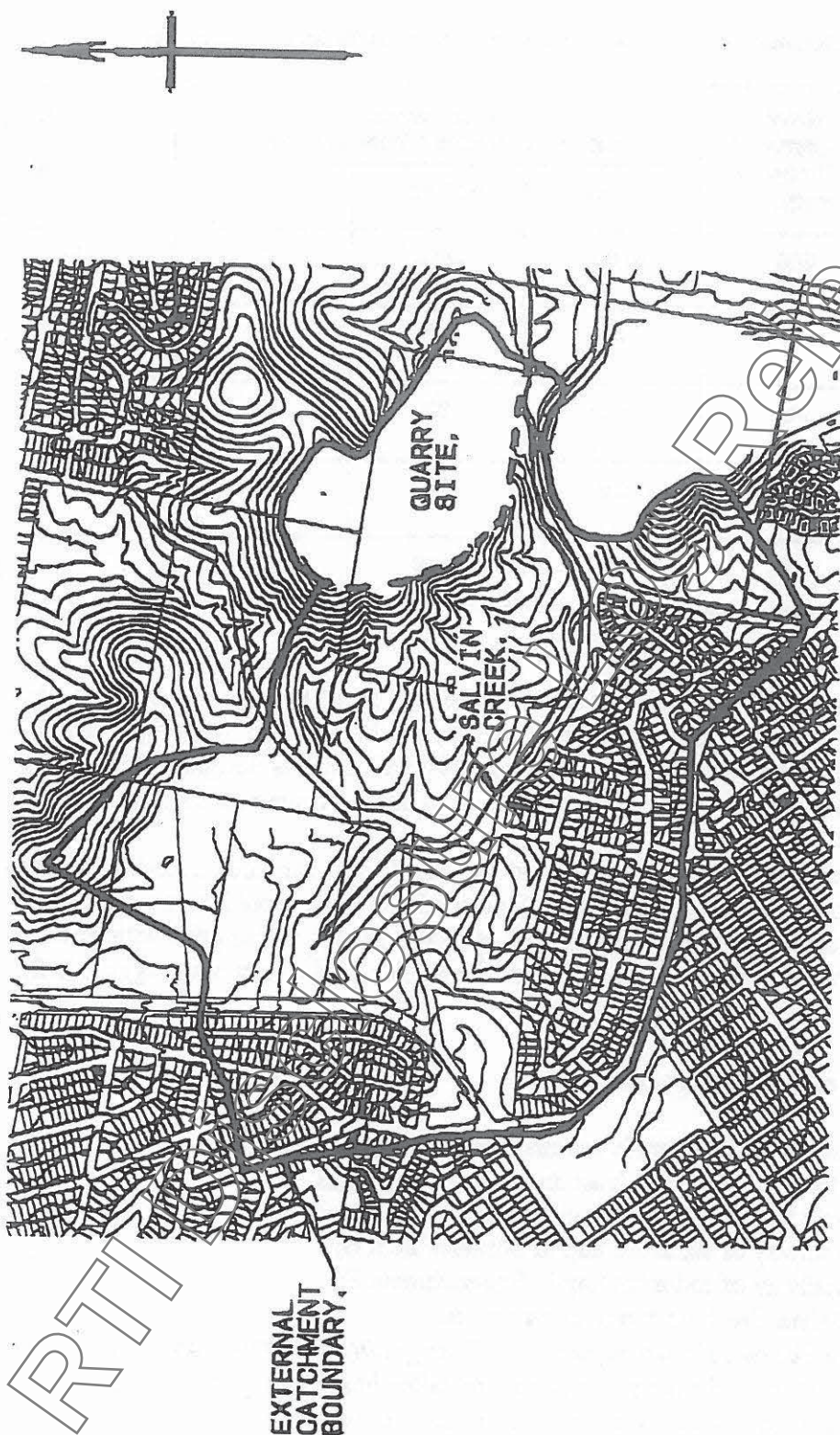
From the contour plan of the existing sediment basin area it can be seen that the total surface area contained by the 23 m AHD contour is 450 m², similarly the 24 m and 25 m contours contain areas of 9600 m² and 17,630 m² respectively. Therefore, if a sediment basin is designed to flood to a level of 24 m AHD, then the basin would be of sufficient size to trap 0.01 mm size sediment particles.

It is recommended that the sediment basin should be formed by constructing a Rock Filter Dam at the outlet of subcatchment F (Item 7, Figure 4). The Rock Filter Dam should have a crest level of 24 m AHD, a minimum crest length of 7 metres. The dam crest should be designed with sufficient width to allow for maintenance of the structure, including the regular replacement of the aggregate filter layer.

6.3 Stormwater monitoring program

The stormwater monitoring program is summarised as follows:

- Sampling is to be conducted at least once every six months.
- Samples should be taken from the following locations during storm events:
 - (i) spillway of sediment trap in Subcatchment B;
 - (ii) spillway of sediment trap in Subcatchment F;
 - (iii) Salvin Creek upstream of quarry site.
- Samples should be taken in accordance with *Water Quality Sampling Manual* (1995) Department of Environment, or a similar publication, and taken immediately to Brisbane City Council's Analytical Services laboratory at Donaldson Road, Rocklea to be tested for suspended solids.
- If the result is above the specified limit (70 mg/L), the DoE must be informed as part of showing due diligence with respect to stormwater pollution. In extreme rainfall events the limit would not be expected to apply.



PLAN

APPROX. SCALE 1:15000

REPORT REFERENCE

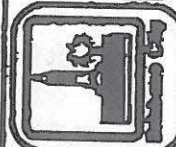
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PASSED

INITIALS

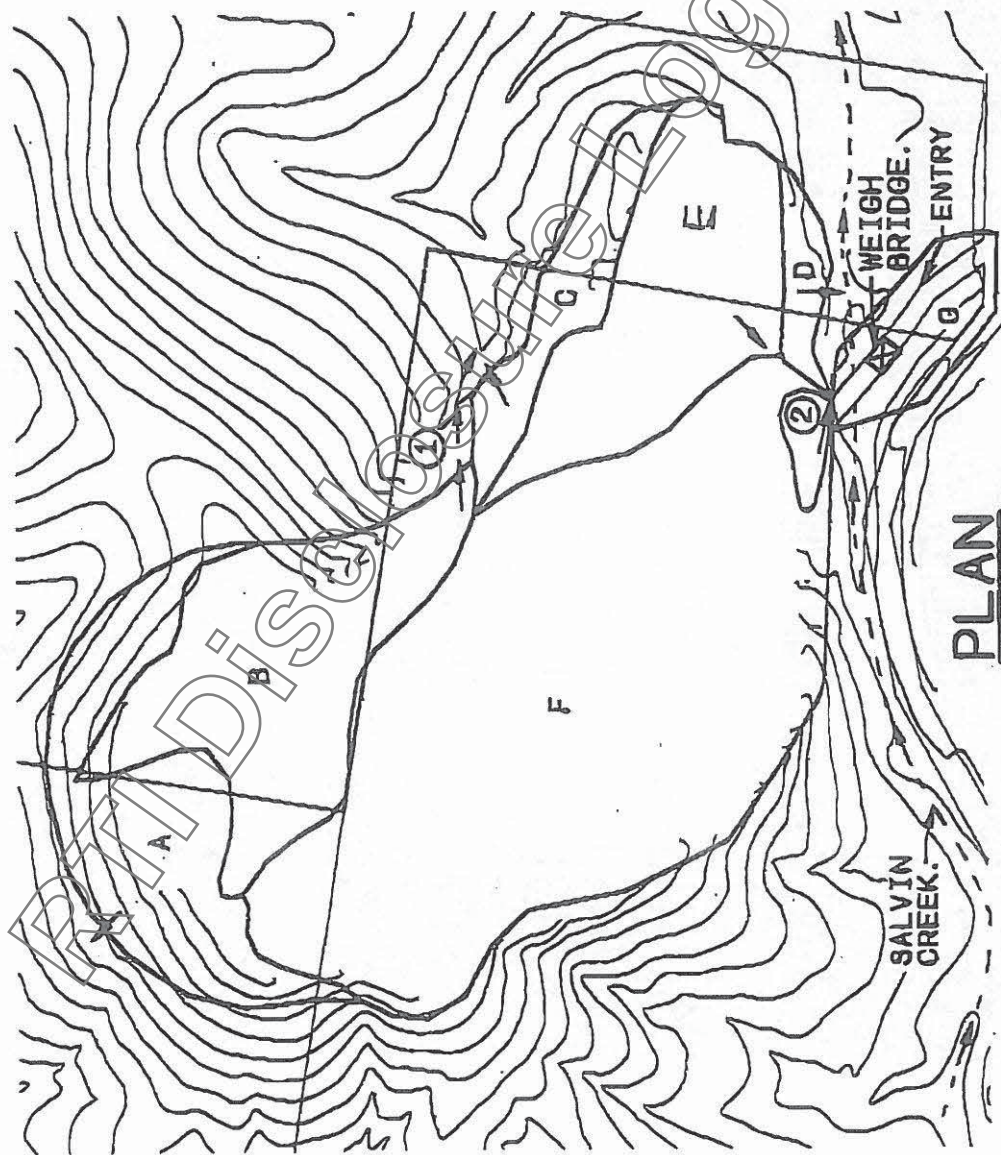
DATE



CATCHMENT PLAN
PINE MOUNTAIN QUARRY
CARINA HEIGHTS

BRISBANE CITY COUNCIL
DEPARTMENT OF WORKS
DESIGN BRANCH

FIGURE: - 1



LEGEND

- ① STEEP ROCK CHUTE
- ② EXISTING SEDIMENT BASIN
- F SUB-CATCHMENT IDENTIFIER

PLAN

NOT TO SCALE

REPORT REFERENCE

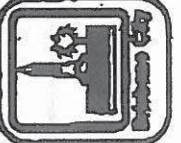
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INITIALS

DATE

DRAWN

PASSED



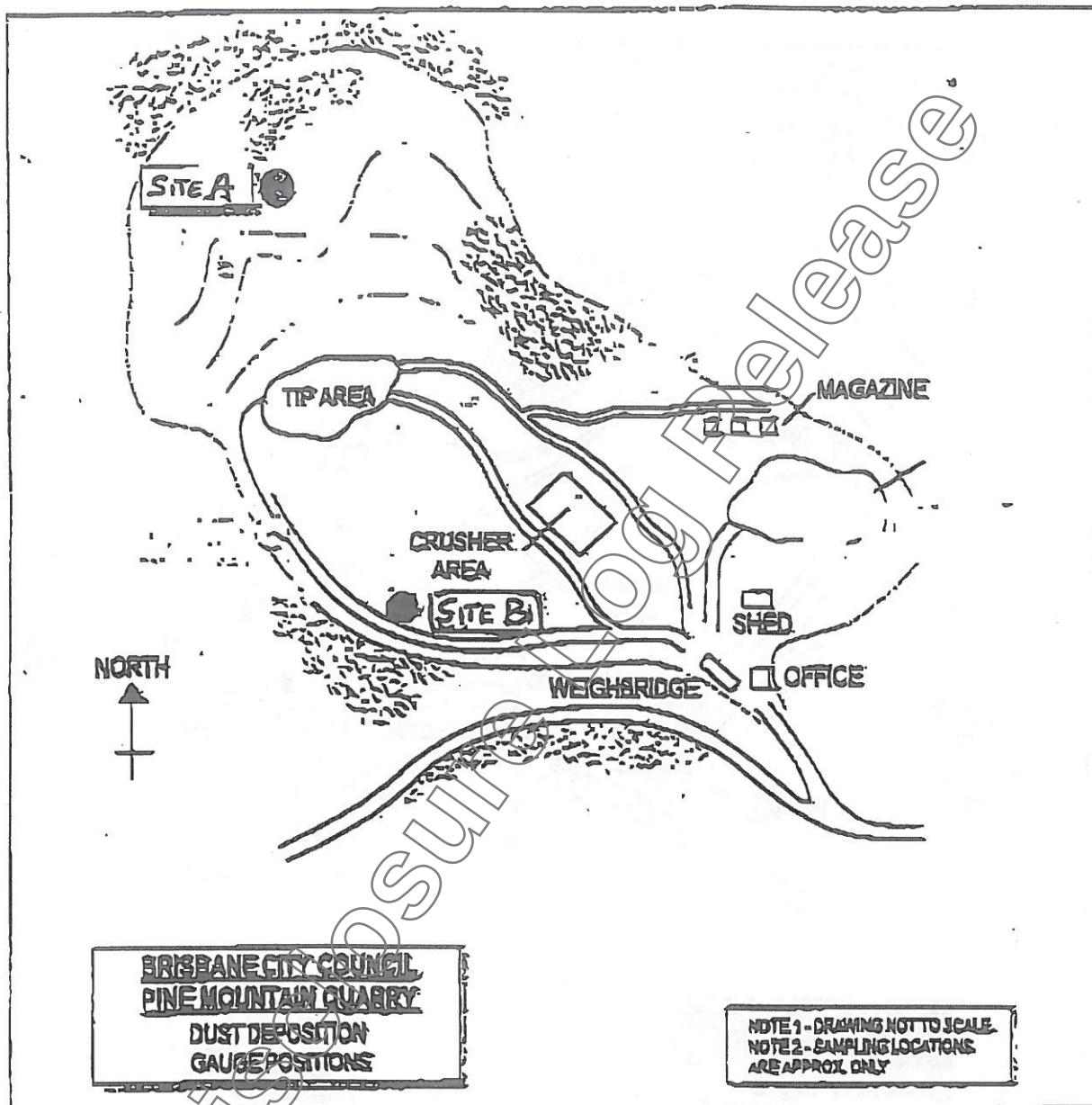
QUARRY SUB-CATCHMENTS
PINE MOUNTAIN QUARRY
CARINA HEIGHTS

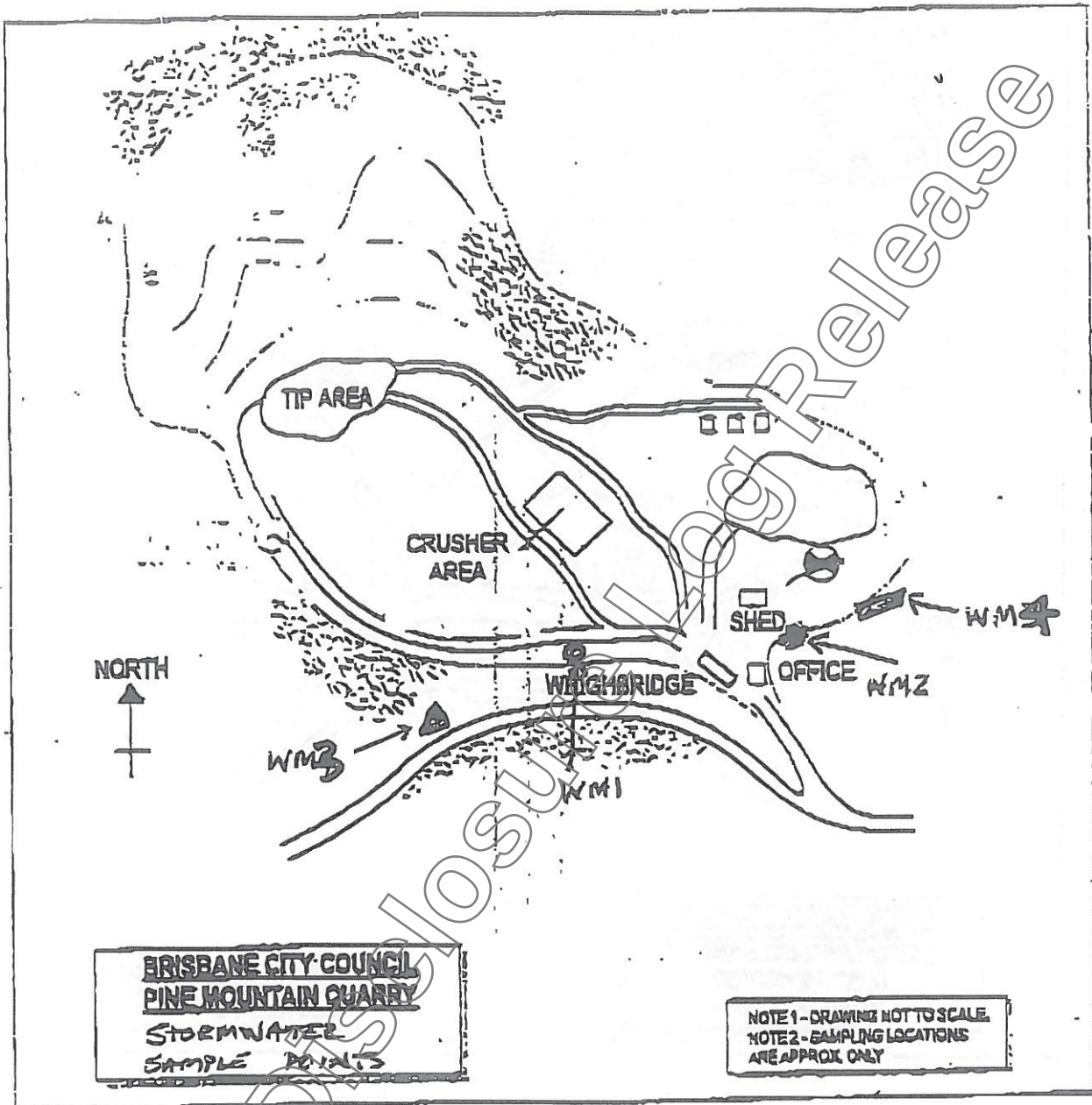
BRISBANE CITY COUNCIL
DEPARTMENT OF WORKS
DESIGN BRANCH

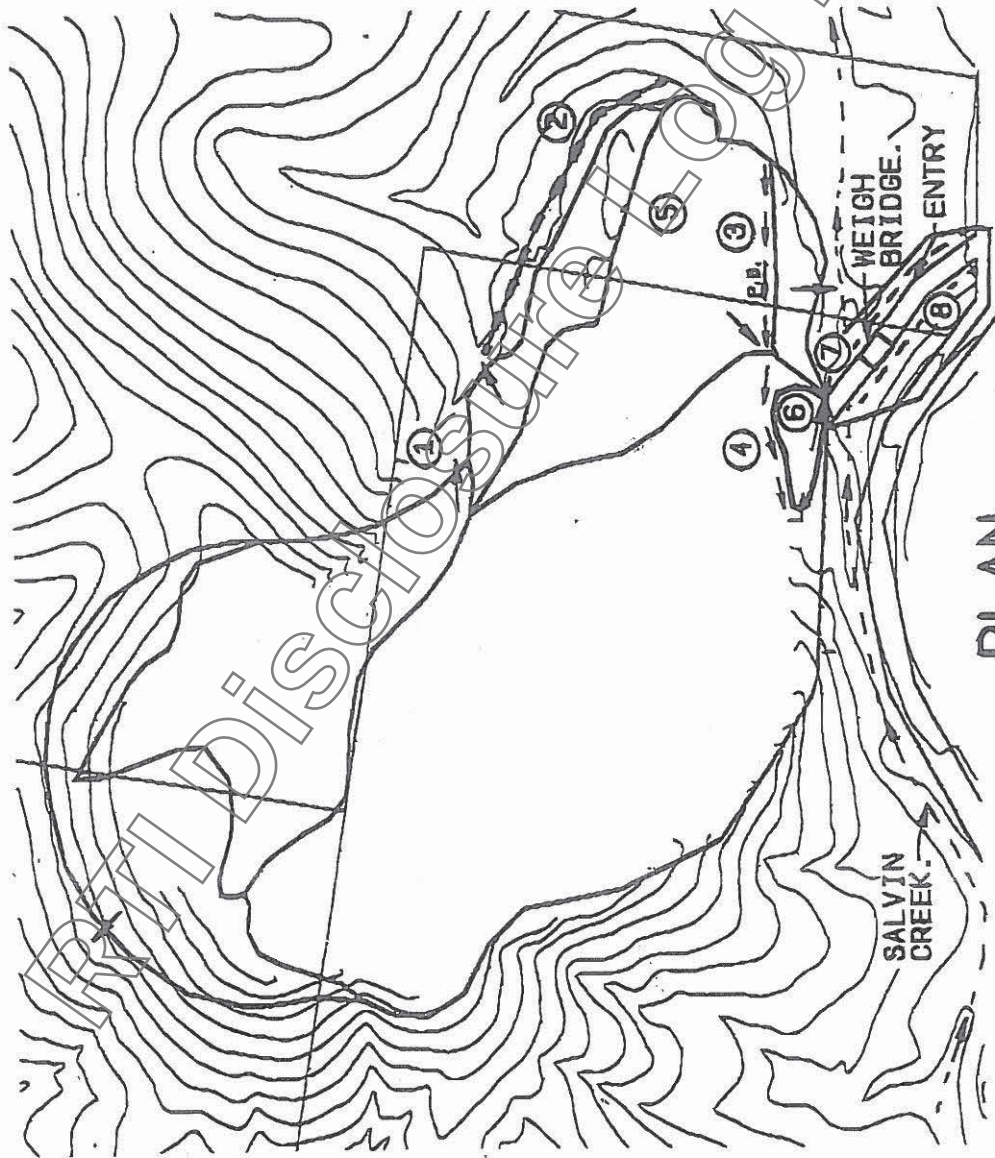
FIGURE: - 2



BRISBANE CITY COUNCIL DEPARTMENT OF WORKS DESIGN BRANCH		FIGURE: - 3	
CONSERVATION ATLAS MAP PINE MOUNTAIN QUARRY CARINA HEIGHTS			
REPORT REFERENCE	INITIALS	DATE	
CADD REFERENCE K:\TODAY\PINE.DTA	DRAWN	PASSED	







LEGEND

- ① NEW SEDIMENT TRAP
- ② SEDIMENT FENCE
- ③ PERIMETER BANK
- ④ PERIMETER BANK
- ⑤ TOPSOIL REVEGETATION
- ⑥ SEDIMENT BASIN
- ⑦ ROCK FILTER DAM
- ⑧ STABILISED TABLE DRAINS
- DIRECTION OF RUNOFF.

PLAN

NOT TO SCALE

BRISBANE CITY COUNCIL DEPARTMENT OF WORKS DESIGN BRANCH		FIGURE: - 4	
STORMWATER MANAGEMENT PLAN PINE MOUNTAIN QUARRY CARINA HEIGHTS			
REPORT REFERENCE	INITIALS	DATE	
CADD REFERENCE K:\100342\PINE.DTA	DRAWN	PASSED	



Contact Name: Mr Colin Mitchell
Telephone: 3403 1031
Our Ref.: C:\My Documents\Quarries\EPA Pine Licence App Letter Oct 2001.doc



ABN 72 002 765 795

Brisbane CityWorks
 41 Lennon Street
 Stafford Qld 4053

Telephone 07 3403 7800
 Facsimile 07 3403 7896

A business unit of the Brisbane City Council

2 October, 2001

Environmental Protection Agency
 South Eastern Region
 GPO Box 2771
BRISBANE QLD 4001

Attention: Mr Parma Nand

Dear Sir

RE: Pine Mountain Road Material Recycling Facility
Application for Licence

We refer to our existing Licence No. SR40 which permits ERA 20(b) and ERA 22 (b) to be performed on our site located at 226 Pine Mountain Road, Mt Gravatt East. We wish to increase the throughput of our extraction activities beyond the 100 000 t per year threshold. Obviously this will require an upgrading of existing ERA 20 (b) to ERA 20 (c). We anticipate that the extraction of materials will increase from the current level of 100 000 t to 150 000 t per year.

Therefore, we have completed the relevant forms to apply for a new licence. Once the new licence is approved, could you please arrange for our current ERA 20 (b) to be dropped.

Furthermore, it would be appreciated if you could consider making the appropriate refund of licence fees taking into account:

- our payment of \$3 940 for Licence SR40 renewal in April of this year; and
- payment of two annual fees included with this application.

Please contact Colin Mitchell should you have any queries in relation to this application.

Yours faithfully,

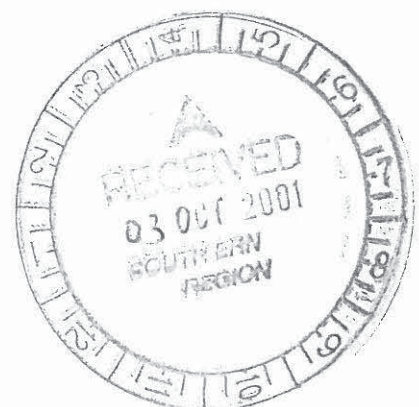
sch4p3(3) Prejudice the
 protection of an individuals
 right to privacy

Nev Crase

Manager – Asphalt Operations
BRISBANE CITY WORKS

enc

COPY UNDER NO. 2001/9276		DATE NO. 2840	
ACTION OFFICER		PART FOL 1 6	
[Redacted]		Related item	



\$9240.00

DEVELOPMENT APPROVAL APPLICATION

Application Number

SR0212DA

Brisbane City Council	
226 Pine Mountain Road Mt Gravatt East	20(c) extracting rock or other material 22(b) screening etc materials
Application Received	3/10/2001
Extension of Information request period sent	
Information Request to be sent by	17/10/2001
Information Received	
Target Dates	
Assessment Start Date Application date + 10 Days	17/10/2001
Response Date Assessment Start Date + 20 Days	14/11/2001
File Number	
Assessing Officer	

Application Number: SR2156

Brisbane City Council	
226 Pine Mountain Road Mt Gravatt East	20(c) extraction of rock or other material 22(b) Screening etc materials
Date Received	3/10/2001
Additional Information (S556)	13/10/2001
Additional Time (S555)	8/11/2001
Application Date	17/10/2001
Decision Due	14/11/2001
Notification of Decision	24/11/2001
File Number	
Assessing Officer	

RTI Disclosure Log



Application for a licence (with development approval)

Section 82 Environmental Protection Act 1994

Important information for applicants

- 'Common applicant details for environmental authorities' must accompany this form.
- When applying for a licence (with development approval), you should either have an existing development approval, or have applied for a development approval by completing 'Form 1 Development Application - IDAS' which should be submitted to the relevant local government.
- Please number all attachments alphabetically (e.g. 'Attachment A' etc.).
- The guidance information provided on the left side of this document is intended to assist you to complete the application form. However, if you experience difficulties completing the form, please contact your local Environmental Protection Agency (EPA) office (details attached at the back of the 'Common applicant details for environmental authorities' form).

FOR OFFICE USE ONLY

Date received:

File ref:

Correct AA
Yes ☒

Complete form
Yes ☒

Correct fee
Yes ☒

Entered by (sign):

(date):

Guide

The 'applicant' and the 'appointed signatory' must be the same as those nominated on the 'Common applicant details for environmental authorities' form.

1 Applicant name

Name

BRISBANE CITY COUNCIL

2 Trading name

Name

BRISBANE CITY WORKS

3 Appointed signatory

Name

NEVILLE CRASE

4 Is this form accompanied by a completed 'Common applicant details for environmental authorities' form?

☒ Yes

☐ No

→ The common details form must be completed and submitted with this application form.



The street address of the place at which the ERA(s) will be carried out may be required for on-site meetings or inspections. The real property description (lot, plan), is legally required.

Sources of property information include:

- Rates notices;
- Certificates of Title;
- Department of Natural Resources and Mines.

Information about your development application will be listed on the 'Acknowledgement notice' issued by the local authority.

If a development approval has already been issued or you are currently already undertaking the ERA/ERAs, you will be required to submit an application fee with this application. If, however, you have lodged an application for development approval but it has not yet been issued (and the ERA has not yet commenced), no fee applies to this application.

5 Environmentally Relevant Activity (ERA)

Development approvals are usually issued for one or more activities to be carried out on one land parcel (lot).

Please complete the table below, ensuring that you include all relevant sub-sections of the ERA number(s), and all relevant real property description information.

Street address	226 PINE MOUNTAIN RD MT GERRARD EAST 4122
Lot	3 REFER ATTACHED LIST
Plan	3
Local government	BRISBANE CITY COUNCIL

ERA number(s)	ERA name(s)
20(c)	EXTRACTION OF ROCK OR OTHER MATERIAL
22(b)	SCREENING

6 Has an application for development approval been lodged for the ERA(s) listed above?

- ☐ Yes → Please complete the table below.
- ☒ No → You are advised to lodge your application for development approval prior to, or at the same time as you lodge this application form.

Assessment manager	Phone
Application reference number	Fax

7 Has a development approval been issued for the ERA(s) listed in Question 4?

- ☐ Yes → Tick: ☐ Preliminary approval; or ☐ Development permit
- ☒ No

8 Does a current environmental authority exist for the lot listed in Question 4? 5

- ☒ Yes → Enter the environmental authority number: SR 40
- ☐ No



Please read carefully through the acknowledgment opposite before signing. Note that this form must be signed by the applicant or the appointed signatory nominated on the "Common applicant details for environmental authorities" form.

For information regarding fees, see the guidance information at the back of the 'Common applicant details for environmental authorities' form.

You may apply for exemption from disclosing information contained in a document submitted, or proposed to be submitted with this application (see section 564 of the Act). Please note that this may not prevent information from being disclosed

For details of EPA administrative access arrangements, please contact the EPA Freedom of Information Unit, PO Box 155 Brisbane Albert Street QLD 4002.

As at June 2001 the current value of each penalty unit is \$75. Please note that this is subject to change.

Thank you for the time you have spent completing this form. Please forward your completed form and all attached information to an EPA office near you (a list of offices is attached for your information).

9 Acknowledgment

I/We BRISBANE CITY COUNCIL
Printed name of applicant

- apply for a licence (with development approval) and have an existing development approval, or have applied for development approval, for the ERA;
- enclose the prescribed fee (if applicable) of \$ 9240
- acknowledge that all information provided on or with this application form may be made available, subject to the provisions of the *Freedom of Information Act* 1992, and/or EPA administrative access arrangements.

10 Signature

I, NEVILLE CRASE
Printed name of applicant/appointed signatory

- am the applicant or the appointed signatory and commit the applicant in all matters relevant to this application. I am aware that under section 480 of the *Environmental Protection Act* 1994, it is an offence to give the administering authority information that I know is false or misleading in any material particular. The maximum penalty for such action is 165 penalty units for an individual, or 825 penalty units where the applicant is a corporation (section 181B (3) of the *Penalties and Sentences Act* 1992).

sch4p3(3) Prejudice the protection of an individual's right to privacy

Signature of applicant/appointed signatory

2/10/01
Date

MANAGER ASPHALT OPERATIONS

Position of signatory (e.g. Director, manager, owner, partner, CEO etc.)

Pine Mountain Road Materials Recycling Facility

Lot Details:

Lot 1 on RP 139396, Volume 5237, Folio 69

Lots 6 & 7 on RP 13342, Volume 5872, Folio 246

Lot 512, SL 444, Volume 1579, Folio 199

County of Stanley

Parish of Bulimba

RTI Disclosure Log Release



Common applicant details for environmental authorities

Sections 82, 89, 109 and 311 Environmental Protection Act 1994

Important information for applicants

- This application form asks for common applicant details for all applications for environmental authorities. Details entered here will be considered as part of all applications for environmental authorities in accordance with sections 82, 89, 109 or 311 where those applications are submitted together with this form.
- You must complete all questions - incomplete forms will not be processed.
- Please number all attachments alphabetically (e.g. 'Attachment A' etc.).
- The guidance information provided on the left side and at the back of this document is intended to assist you to complete the application form. However, if you experience difficulties completing the form, please contact your local Environmental Protection Agency (EPA) office (details at the back of this form).

FOR OFFICE USE ONLY

Date received: 3.10.01	File ref:
Correct AA Yes ☒	Complete form Yes ☒
Entered by (sign):	(date): 3.10.01

Guide

The applicant is the legal entity intending to carry out the activity. Please read 'Guide for Question 1' at the back of this form.

If the applicant is a company, local government or government department, appoint a person who is authorised to act on behalf of the applicant (e.g. Director, CEO, or Manager of the applicant organisation).

If the applicant is a partnership, body corporate or an incorporated association, appoint a person who is authorised to act on behalf of the applicant using the attached 'Appointment of appointed signatory' form.

All bodies registered under Corporations Law will have an Australian Company Number (ACN), except some foreign bodies which will have an Australian Registered Body Number (ARBN). The ANZSIC code is used by the Australian Bureau of Statistics and will be displayed in the public register.

The applicant's street address is required for the legal serving of notices and must not be a post office box. If the applicant is not an individual (e.g. a company or corporation), you must enter the address of the applicant's registered office.

1 Applicant name

Name BRISBANE CITY COUNCIL

2 Trading name

Name BRISBANE CITY WORKS

3 Appointed signatory

Name NEVILLE CRASE

4 ACN / ARBN and ANZSIC Code (if applicable)

ACN / ARBN 72 002 765 795	ANZSIC Code
------------------------------	-------------

5 Applicant address and contact details

Street address / Registered office address 41 LENNON ST STAFFORD QLD 4053	
Telephone 3403 7880	Fax 3403 7844
E-mail qmea@brisbane.qld.gov.au	





The name and address provided here may be in any form (including post office box).

Providing details here may be appropriate for several reasons - for example, the registered office address of the applicant may be located interstate and sometimes correspondence and information is not forwarded to the place where the activity is carried out.

One of the factors that the administering authority considers when deciding an application for an EA is the suitability of the applicant to hold an EA. Suitability enquiries may be made by the EPA.

Where an applicant is a company, Question 7 must be answered for the company and the principal executive officer (ie chief executive officer or managing director) of the company.

6 If you would like us to send copies of notices to another person or office location, please provide those details below.

Contact name COLIN MITCHELL	
Address 228 CURTIN AVE WEST EAGLE FARM QLD 4009	
Telephone 3403 1031	Fax 3403 1049
E-mail qseo@brisbane.qld.gov.au	

7 Are you (ie the applicant) aware of any matters which may affect your suitability to hold an environmental authority?

The EPA may investigate an applicant to ensure the person is suitable to hold an environmental authority, including, but not limited to, any convictions for environmental offences or suspension or cancellation of an environmental authority.

- ☐ Yes → Please attach a brief statement outlining the matters.
- ☒ No → Go to question 8.

Attachment



Please read carefully through the acknowledgment opposite before signing. Note that this form must be signed by the 'appointed signatory' nominated on the first page of this form.

You may apply for exemption from disclosing information contained in a document submitted, or proposed to be submitted with this application (see section 564 of the Act). Please note that this may not prevent information from being disclosed.

For details of EPA administrative access arrangements, please contact the EPA Freedom of Information Unit, PO Box 155 Brisbane Albert Street QLD 4002.

As at June 2001 the current value of each penalty unit is \$75. Please note that this is subject to change.

Thank you for the time you have spent completing this form. Please forward your completed form and all attached information to an EPA office near you (a list of offices is attached for your information).

9 Acknowledgment

I/We BRISBANE CITY COUNCIL
Printed name of applicant

- acknowledge that all information provided on or with this application form may be made available, subject to the provisions of the *Freedom of Information Act 1992*, and/or EPA administrative access arrangements.

10 Signature

I, NEVILLE CRASE
Printed name of applicant/appointed signatory

- am the applicant or the appointed signatory and commit the applicant in all matters relevant to this application. I am aware that under section 480 of the *Environmental Protection Act 1994*, it is an offence to give the administering authority information that I know is false or misleading in any material particular. The maximum penalty for such action is 165 penalty units for an individual, or 825 penalty units where the applicant is a corporation (section 181B (3) of the *Penalties and Sentences Act 1992*).

sch4p3(3) Prejudice the protection of an individuals right to privacy

Signature of applicant/appointed signatory

2/10/01.
Date

MANAGER ASPHALT OPERATIONS

Position of signatory (e.g. Director, manager, owner, partner, CEO etc.)

Reminder:

Completion of this form only does not constitute an application for an environmental authority. You must also attach completed applications for one or more of the following types of environmental authorities as relevant to your circumstances:

- **section 82** - Application for a licence (with development approval);
- **sections 89 and 100** - Application for a licence (without development approval) or level 2 approval;
- **sections 89 and 100** - Application for a licence (without development approval) or level 2 approval - **streamlined licence**
- **section 109** - Application to convert a licence to a level 1 approval; or
- **chapter 4 and section 311** - Application for an integrated authority.

If the EPA is the assessment manager under the Integrated Development Assessment System (IDAS), you must also submit IDAS Form 1 Parts A & G.

Appointment of appointed signatory

This part needs to be completed if the applicant is a partnership, body corporate or an incorporated association.

We, being joint applicants listed below, hereby appoint

Printed name of appointed signatory

as the appointed signatory for

Printed name of partnership/body corporate/incorporated association

for this application for environmental authority and other related matters to this environmental authority with the administering authority.

List all joint applicants

Applicant name		
Signatory name & position	Signature	Date

Applicant name		
Signatory name & position	Signature	Date

Applicant name		
Signatory name & position	Signature	Date

Applicant name		
Signatory name & position	Signature	Date

The EPA may accept an application made for all the joint applicants by a person who is a joint applicant if satisfied the person is authorised as a signatory to make the application for each of the joint applicants. In deciding an application, the EPA must consider any suitability report obtained for the application.

The joint applicants may at any time, by signed notice to the administering authority, cancel the appointment of the authorised signatory.

Guidance information for applicants

Guide for Question 1 - Applicant name

The 'applicant' is the legal entity intending to carry out the environmentally relevant activities. A business name or trading name is not necessarily a legal entity. Please follow the guide below:

Where the applicant is:	Please provide:
A company	Full company name, for example Acme Pty Ltd. Please attach separately the names of directors, and attach a certified extract of Australian Security Commission (ASC) registration documents. If the applicant is a foreign company please also include the place of incorporation or formation in the attachment.
A partnership	Full names of all partners (Michael James Smith and Mary Jane Smith). Please attach a certified copy of a birth certificate for each partner. You are also required to fill out the 'Appointment of appointed signatory' form with this application.
A sole trader/individual	Full name of proprietor/individual (Mary Jane Smith). Please attach a certified copy of a birth certificate for the proprietor/ individual.
A local government	Full name of local government (Esk Shire Council).
A government department	Full name of government department and operating section (Department of Public Works, Operation Section).
A body corporate	The full name of the body corporate and attach a list of names and addresses of all executive members of the body corporate. You are also required to fill out the 'Appointment of appointed signatory' form with this application.
An incorporated association	Full name of the incorporated association and attach a list of names and addresses of all executive members of the incorporated association. You are also required to fill out the 'Appointment of appointed signatory' form with this application.

List of Environmentally Relevant Activities (ERAs)

The table below outlines the numbers, names, levels, administering authorities, and annual fees for each ERA. Please note that all fees listed are subject to change. The following fees have been **excluded from GST** by the Commonwealth Government.

Key :

L = Level of Environmentally Relevant Activity

AA = Administering Authority

EPA = Environmental Protection Agency

DPI = Department of Primary Industries

LG = Local Government

ENVIRONMENTALLY RELEVANT ACTIVITY (INCLUDING THRESHOLDS)	L	AA	Annual Fees(\$)
Aquacultural and agricultural activities		EPA	
1. Aquaculture—cultivating or holding marine, estuarine or freshwater organisms (other than molluscs) in ponds or tanks or in enclosures in waters (the "impoundments")—			
(a) if the total area of the impoundments is 5 ha or more and no wastes are released to waters	2		-
(b) if the total area of the impoundments is less than 5 ha and wastes are released to waters	1		500
(c) if the total area of the impoundments is 5 ha or more but less than 10 ha and wastes are released to waters	1		1000
(d) if the total area of the impoundments is 10 ha or more but less than 20 ha and wastes are released to waters	1		2000
(e) if the total area of the impoundments is 20 ha or more and wastes are released to waters	1		3300
2. Cattle feedlotting—feeding cattle prepared or manufactured stockfeed at levels greater than necessary for survival in a confined area having a capacity of—		DPI	
(a) 150 or less standard cattle units	2		-
(b) more than 150, but less than 500, standard cattle units	1		500
(c) 500 or more, but less than 1 000 standard cattle units	1		625
(d) 1 000 or more standard cattle units	1		2000
3. Pig farming—farming pigs in a piggery having a capacity of—		DPI	

ENVIRONMENTALLY RELEVANT ACTIVITY (INCLUDING THRESHOLDS)	L	AA	Annual Fees(\$)
(a) less than 5 000 standard pig units	2		-
(b) 5 000 standard pig units or more	1		500
4. Poultry farming—farming poultry, including egg and fertile egg production, the rearing of hatchlings, starter pullets, layers and poultry for meat in facilities having a total holding capacity of—		LG	
(a) more than 1 000 birds but less than 200 000 birds	2		-
(b) 200 000 birds or more	1		400
Chemical, coal and petroleum products activities			
5. Alcohol distilling—commercially distilling alcohol in works having a design production capacity of more than 2 500 L per year	1	EPA	5540
6. Chemical manufacturing, processing or mixing—manufacturing or processing an inorganic chemical, organic chemical or chemical product, or mixing inorganic chemicals, organic chemicals or chemical products (other than mixing non-combustible or non-flammable chemicals or chemical products by dilution with water), in a plant or works having a design production capacity of—			
(a) 200 t or more but less than 20 000 t per year	1	EPA	4420
(b) 20 000 t or more but less than 100 000 t per year	1		5200
(c) 100 000 or more tonnes per year	1		5820
7. Chemical storage—storing chemicals (other than crude oil, natural gas and petroleum products), including ozone depleting substances, gases or dangerous goods under the dangerous goods code in containers having a design storage volume of—			
(a) more than 10 m ³ but less than 1 000 m ³	2	EPA	-
(b) 1 000 m ³ or more	1		1740
8. Coke producing—producing, quenching, cutting, crushing or grading coke.	1	EPA	4260
9. Gas producing—commercially producing hydrocarbon gas by any method, including the reforming of hydrocarbon gas, but not including collecting hydrocarbon gas in carrying out an activity under item 15 or 75.	1	EPA	4420
10. Paint manufacturing—manufacturing—			
(a) organic solvent based paint in works having a design capacity of—			
(i) 10 000 L or more, but less than 1 000 000 L, per year	1	EPA	600
(ii) 1 000 000 L or more, but less than 100 000 000 L, per year.	1		1740
(iii) 100 000 000 L or more per year	1		5200
(b) water based paint in works having a design capacity of more than 10 000 L per year	2		-
11. Crude oil or petroleum product storing—storing crude oil or a petroleum product in tanks or containers having a combined total storage capacity of—			
(a) 10 000 L or more but less than 500 000 L	2	LG	-
(b) 500 000 L or more	1	EPA	1740
12. Oil refining or processing—refining or processing crude oil or shale oil in works having a design production capacity of—			
(a) less than 500 000 L per year	1	EPA	2054
(b) 500 000 L or more, but less than 150 000 000 L, per year	1		5200
(c) 150 000 000 L or more per year	1		20540
13. Fuel gas refining or processing—refining or processing of fuel gas in works having a design production capacity at standard temperature and pressure of—			
(a) less than 200 000 000 cubic metres per year	2	EPA	-
(b) 200 000 000 cubic metres or more per year	1		20540
Community infrastructure and services			
14. Crematorium—cremating human, pet or animal remains	1	LG	400
15. Sewage treatment—operating—			
(a) a standard sewage treatment works having a peak design capacity to treat sewage of 21 or more equivalent persons but less than 100 equivalent persons	1	EPA	500
(b) a standard sewage treatment works having a peak design capacity to treat sewage of 100 or more equivalent persons but less than 1 500 equivalent persons	1		1500
(c) a standard sewage treatment works having a peak design capacity to treat sewage of 1 500 or more equivalent persons but less than 4 000 equivalent persons	1		1980
(d) a standard sewage treatment works having a peak design capacity to treat sewage of 4 000 or more equivalent persons but less than 10 000 equivalent persons	1		3960
(e) a standard sewage treatment works having a peak design capacity to treat sewage of 10 000 or more equivalent persons but less than 50 000 equivalent persons	1		7920
(f) a standard sewage treatment works having a peak design capacity to treat sewage of 50 000 or more average persons but less than 100 000 equivalent persons	1		10140
(g) a standard sewage treatment works having a peak design capacity to treat sewage of 100 000 or more equivalent persons	1		15210
(h) a special sewage treatment works having a peak design capacity to treat sewage of 21 or more equivalent persons	1		500
Electricity, fuel burning and water supply activities			
16. Municipal water treatment plant—treating water for domestic use (other than treatment that only involves disinfection)	2	EPA	-
17. Fuel burning—any process involving the use of fuel burning equipment (including, for example, a standby power generator) that is capable of burning (whether alone or in total) 500 kg or more of fuel per hour.	1	EPA	3000
18. Power station—generating power by consuming fuel at a rated capacity of 10 MW electrical or more—			
(a) if the fuel used is natural gas	1	EPA	4420
(b) for any other fuel	1		14940
Extractive activities and mining			
19. Dredging material—dredging material from the bed of any waters (other than dredging by a port authority of material for which a royalty or similar charge is not payable) using plant or equipment having a design capacity of—			
(a) not more than 5 000 t per year	1	EPA	700
(b) 5 000 t or more, but less than 100 000 t, per year	1		3960
(c) 100 000 t or more per year	1		4880
20. 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 authority) from a pit or quarry using plant or equipment having a design capacity of—			
(a) not more than 5 000 t per year	2	LG	-
(b) 5 000 t or more, but less than 100 000 t, per year	1	EPA	3960
(c) 100 000 t or more per year	1	EPA	4880

ENVIRONMENTALLY RELEVANT ACTIVITY (INCLUDING THRESHOLDS)	L	AA	Annual Fees(\$)
21. Mining activities, other than a standard mining activity, carried out using equipment and plant— (a) having a mineral ore throughput of less than 100 000 t during a year (b) having a mineral ore throughput of more than 100 000 t during a year but less than 500 000 t a year (c) having a mineral ore throughput of 500 000 t or more during a year or if mineral ores mined are chemically processed to produce concentrates.			4 880 12 380 16 340
21A. Mining activities, other than a standard mining activity, involving drilling, costeaning or pitting or geophysical surveys causing significant disturbance.			700
21B. Mining activities, other than a standard mining activity, investigating the potential development of a mineral resource by large bulk sampling, exploratory shaft, adit or open pit construction.			3 960
21C. Exploring for or mining minerals under a prospecting petroleum permit, authority to prospect, petroleum lease or pipeline licence granted under the <i>Petroleum Act 1923</i> .	2		-
21D. Exploring for or mining minerals under a licence, permit, pipeline licence, primary licence, secondary licence or special prospecting authority granted under the <i>Petroleum (Submerged Lands) Act 1982</i> .	2		-
22. Screening etc. materials—screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining authority) or by dredging using plant or equipment having a design capacity of— (a) more than 50 t but less than 5 000 t per year (b) 5 000 t or more, but less than 100 000 t, per year (c) 100 000 t or more per year	2 1 1	LG EPA EPA	- 3960 4880
Fabricated metal product activities			
23. Abrasive blasting—commercially cleaning equipment or structures using a stream of abrasives— (a) if the activity is carried out at a permanent location (b) if the activity is an itinerant activity (EXEMPT FROM IDAS) (c) if the activity is carried out at a permanent location and includes an itinerant activity	1 1 1	LG	400 650 650
24. Boiler making or engineering—commercial boiler making, electrical machine manufacturing or building or assembly of agricultural equipment, motor vehicles, trains, trams or heavy machinery.	2	LG	-
25. Metal surface coating—commercial spray painting (other than spray painting motor vehicles), powder coating, enamelling, electroplating, anodising or galvanising in works having an annual throughput of metal products of— (a) less than 2 000 t (b) 2 000 t or more but less than 10 000 t (c) 10 000 t or more but less than 30 000 t (d) 30 000 t or more	1 1 1 1	LG LG EPA EPA	450 600 1200 2800
26. Metal forming—pressing, forging, extending, extruding or rolling metal, forming metal into plate, wire or rods or fabricating sheet metal	2	LG	-
27. Metal recovery—commercially operating a scrap metal yard or dismantling automotive or mechanical equipment, including debonding brake or clutch components.	1	LG	500
28. Motor vehicle workshop—operating a workshop or mobile workshop in the course of which motor vehicle mechanical or panel repairs are carried out in the course of a commercial or municipal enterprise (other than on a farm or under a mining tenement) or on a commercial basis.	1	LG	500
Food processing			
29. Beverage production—commercially producing— (a) any non-alcoholic beverage in works having a production output of— (i) 200 000 l or more, but less than 2 000 000 l, per year (ii) 2 000 000 l or more, but less than 14 500 000 l, per year (iii) 14 500 000 l or more per year (b) any beer or other alcoholic beverage in works having a design production capacity of more than 400 000 l per year	1 1 1 1	EPA	715 1430 2860 4740
30. Edible oil processing—commercial vegetable oil or oilseed processing in works having a design production capacity of 1 000 t or more per year.	1	EPA	3740
31. Flour milling—commercial processing of grain crops by crushing, grinding, milling, separating or sizing in works having a design production capacity of 1 000 t or more per year.	2	EPA	-
32. Meat processing—slaughtering animals for commercially producing meat or meat products for human consumption, or processing (other than smoking mentioned in item 35) or packaging of meat or meat products for human consumption— (a) if an integral part of the activity involves the operation of a rendering plant with a design production capacity of more than 300 t per year—in works (other than a retail butcher shop) having a design production capacity of— (i) 1 000 t or more but less than 3 000 t per year (ii) 3 000 t or more but less than 6 000 t per year (iii) 6 000 t or more per year (b) if paragraph (a) does not apply—in works (other than a retail butcher shop) having a design production capacity of— (i) 1 000 t or more but less than 3 000 t per year (ii) 3 000 t or more but less than 6 000 t per year (iii) 6 000 t or more per year	1 1 1 1 1 1 1	EPA	1000 3000 6020 875 2600 5200
33. Milk processing—separating, evaporating or processing milk (other than on a farm) or manufacturing evaporated or condensed milk, cheese, butter, ice cream or other dairy product in works having a design production capacity of 200 t or more per year.	1	EPA	4100
34. Seafood processing—commercially processing seafood, including removing the scales, gills, intestines or shells, filleting, chilling, freezing or packaging seafood in works having a design production capacity of more than 100 t per year.	1	EPA	2840
35. Smoking, drying or curing works—smoking, drying or curing meat, fish or other edible products by applying heat, smoke or other dehydration method in works (other than a retail butcher shop or chicken outlet) having a design production capacity of 200 t or more per year.	2	EPA	-
36. Sugar milling or refining—crushing sugar cane or manufacturing sugar or sugar cane products from sugar cane (other than on a farm).	1	EPA	10160
37. Bottling or canning—bottling or canning food (other than a type of activity mentioned in items 29 to 36) in works having a design production capacity of 200 t or more per year.	1	EPA	4440
Land development and construction activities			
38. Land development (this ERA has not been commenced)	2	LG	-
39. Constructing premises or civil engineering structures—constructing or demolishing— (a) residential premises (this ERA has not been commenced) (b) bridges, roads or other engineering structures (this ERA has not been commenced)	2 2	LG	- -

ENVIRONMENTALLY RELEVANT ACTIVITY (INCLUDING THRESHOLDS)	L	AA	Annual Fees(\$)
Metal products activities			
40. Metal foundry—commercially producing metal castings—			
(a) using ferrous metals in works having an average annual metal tonnage output of—		EPA	-
(i) less than 20 t	2		
(ii) 20 t or more but less than 100 t	1		300
(iii) 100 t or more but less than 300 t	1		500
(iv) 300 t or more but less than 1 000 t	1		1350
(v) 1 000 t or more but less than 5 000 t	1		2600
(vi) 5 000 t or more but less than 10 000 t	1		3600
(vii) 10 000 t or more	1		5400
(b) using non-permanent moulds and non-ferrous metals in works having an average annual metal tonnage output of—	2		-
(i) less than 20 t	1		300
(ii) 20 t or more but less than 100 t	1		500
(iii) 100 t or more but less than 200 t	1		1200
(iv) 200 t or more but less than 1 000 t	1		1800
(v) 1 000 t or more but less than 5 000 t	1		2400
(vi) 5 000 t or more	1		
(c) using permanent moulds and non-ferrous metals in works.	2		-
41. Metal works—commercially smelting or processing ores or ore concentrates to produce metal in works having a design production capacity of—		EPA	9860
(a) more than 10 t but less than 100 t per year	1		12380
(b) 100 t or more per year but less than 10 000 t per year	1		16340
(c) 10 000 t or more per year	1		
42. Mineral processing—commercially processing, classification, mixing or concentration of mineral ores to produce mineral concentrates in works having a design production capacity of—		EPA	3140
(a) more than 1 000 t but less than 100 000 t per year	1		16340
(b) more than 100 000 t per year	1		
Miscellaneous activities			
43. Animal housing—commercially operating a boarding or breeding kennel, dog pound, greyhound training facility or veterinary clinic in which animals are boarded other than overnight for treatment.	2	LG	-
44. Battery manufacturing—manufacturing batteries of any kind.	1	EPA	1880
45. Crushing, milling or grinding—processing products (other than agricultural products and materials mentioned in item 22), including, for example, uncured rubber and chemicals, by crushing or grinding or milling in works having a design production capacity of 5 000 t or more per year.	2	EPA	-
46. Mushroom growing substrate manufacturing—commercially manufacturing substrate for mushroom growing.	1	EPA	400
47. Pet, stock or aquaculture food manufacturing—commercially manufacturing or processing pet, stock or aquaculture food (other than an abattoir, slaughter house, rendering works or animal glue or gelatine works).	1	LG	500
48. Plaster manufacturing—manufacturing or processing plaster in works having a design production capacity of 200 t or more per year.	1	EPA	3000
49. Pulp or paper manufacturing—manufacturing pulp or paper in works having a design production capacity of more than 100 t per year.	1	EPA	6180
50. Rendering operation—commercially processing or extracting substances, including, for example, fat, tallow, derivatives of fat or tallow or proteinaceous matter, from animal wastes or by-products (other than an operation using wastes solely derived from an activity mentioned in item 32(a) or 47) in works having a design production capacity of—		EPA	-
(a) more than 10 t but less than 300 t per year	2		6020
(b) 300 t or more per year	1		
51. Plastic manufacturing—commercially manufacturing plastic or plastic products in works having a design production capacity of—		LG	300
(a) more than 1 t but less than 5 t per year	1		450
(b) 5 t or more per year.	1		
52. Printing—commercially screen printing or printing (other than photocopying and photographic printing), including advertising material, magazines, newspapers, packaging and stationery.	2	LG	-
53. Soil conditioner manufacturing—commercially manufacturing soil conditioners (other than spent mushroom growing substrate by a mushroom grower) by receiving and blending, storing, processing, drying or composting organic material or organic waste, including, for example, animal manures, sewage, septic sludges and domestic waste, in works having a design production capacity of 200 t or more per year.	1	EPA	400
54. Tanning—commercially operating a tannery or works for curing animal skins or hides, or commercially finishing leather.	1	EPA	4740
55. Textile manufacturing—commercial carpet manufacturing, wool scouring or carbonising, cotton milling, or textile bleaching, dyeing or finishing.	1	EPA	4740
56. Tobacco processing—processing tobacco (other than drying tobacco on a tobacco farm) or manufacturing products from tobacco or a tobacco derivative	1	EPA	3340
57. Tyre manufacturing or retreading—		EPA	1800
(a) tyre manufacturing	1		500
(b) tyre retreading	1		
Non-metallic mineral product manufacture			
58. Asbestos products manufacturing—manufacturing an asbestos product.	1	EPA	800
59. Asphalt manufacturing—manufacturing asphalt	2	LG	-
60. Cement manufacturing—manufacturing cement	1	EPA	7620
61. Clay or ceramic products manufacturing—manufacturing a clay or ceramic product, including bricks, tiles, pipes, pottery goods and refractories, in works having a design production capacity of more than 200 t per year.	1	EPA	4740
62. Concrete batching—producing concrete or a concrete product by mixing cement, sand, rock, aggregate or other similar materials in works having a design production capacity of more than 100 t per year.	1	LG	650
63. Glass or glass fibre manufacturing—manufacturing glass or glass fibre in works having a design capacity of more than 200 t per year	1	EPA	4740
64. Mineral wool or ceramic fibre manufacturing—manufacturing mineral wool or ceramic fibre	1	EPA	2680

ENVIRONMENTALLY RELEVANT ACTIVITY (INCLUDING THRESHOLDS)	L	AA	Annual Fees(\$)
Recreational and sporting activities			
65. Motor racing—			
(a) conducting motor races other than international motor races	2	LG	-
(b) conducting an international motor races	2	EPA	-
Sawmilling, woodchipping and wooden product manufacturing			
66. Chemically treating timber—commercially treating timber for preservation using chemicals, including, for example, copper, chromium, arsenic, borax and creosote.	1	EPA	2860
67. Sawmilling or woodchipping—sawing, cutting, chipping, compressing, milling or machining logs, drying logs in a kiln or manufacturing secondary wooden products, in a mill or works having a design production capacity of—	1	EPA	300
(a) 500 t or more but less than 5 000 t per year	1	EPA	500
(b) 5 000 t or more but less than 10 000 t per year	1	EPA	700
(c) 10 000 t or more but less than 20 000 t per year	1	EPA	800
(d) 20 000 t or more per year	2	LG	-
68. Wooden product manufacturing—commercially manufacturing or fabricating (other than as mentioned in items 66 and 67) a wooden product, including, for example, a product made by a cabinet-maker, joiner or other woodworker, in a facility having a design production capacity of more than 1 t per year.	1	LG	-
Transport and maritime services			
69. Boat maintaining or repairing facility—operating a commercial facility for maintaining or repairing any type of boat or inboard or outboard marine engine	1	LG	650
70. Heliport—operating a facility for landing helicopters (other than a facility forming part of an aerodrome used for general aviation or for sole use in emergency circumstances)	2	LG	-
71. Port—operating a port (other than an airport) under the <i>Transport Infrastructure Act 1994</i> (EXEMPT FROM IDAS)	2	EPA	-
72. Railway facility—operating any railway facility for refuelling and maintaining or repairing rolling stock.	1	EPA	5040
73. Marina or seaplane mooring—operating a commercial marina or facility for mooring seaplanes, including any land-based buildings or works used in association with the marina or mooring—			
(a) for less than 20 berths or moorings	2	LG	-
(b) for 20 or more berths or moorings but less than 100 berths or moorings	1	LG	300
(c) for 100 or more berths or moorings	1	LG	500
74. Stockpiling, loading or unloading goods in bulk—commercially loading, unloading or stockpiling materials or goods, in association with an activity mentioned in item 71, using a crane, conveyor, pump or other similar way at a rate of more than 100 t per day	1	EPA	3000
Waste management			
75. Waste disposal—operating a facility for—			
(a) disposing of only general waste or limited regulated waste, if the facility is designed to receive waste at the rate of—		EPA	
(i) more than 50 t but not more than 2 000 t per year	1	EPA	500
(ii) 2 000 t or more, but less than 5 000 t, per year	1	EPA	750
(iii) 5 000 t or more, but less than 10 000 t, per year	1	EPA	1000
(iv) 10 000 t or more, but less than 20 000 t, per year	1	EPA	1500
(v) 20 000 t or more, but less than 50 000 t, per year	1	EPA	2000
(vi) 50 000 t or more, but less than 75 000 t, per year	1	EPA	2500
(vii) 75 000 t or more, but less than 100 000 t, per year	1	EPA	5000
(viii) 100 000 t or more, but less than 200 000 t, per year	1	EPA	7500
(ix) 200 000 t or more per year	1	EPA	10000
(b) disposing of regulated waste (other than limited regulated waste) whether alone or in combination with any waste mentioned in paragraph (a), if the facility is designed to receive waste at the rate of—			
(i) less than 50 000 t per year	1		3000
(ii) 50 000 t or more, but less than 100 000 t, per year	1		5220
(iii) 100 000 t or more, but less than 200 000 t, per year	1		7500
(iv) 200 000 t or more per year	1		10000
76. Incinerating waste—operating a waste incineration facility for incinerating—			
(a) vegetation	2	LG	-
(b) clean paper or cardboard	2	LG	-
(c) general waste (other than vegetation or clean paper or cardboard) whether alone or in combination with vegetation or clean paper or cardboard, designed to incinerate waste at the rate of—			
(i) not more than 5 000 tonnes per year	1	EPA	2280
(ii) 5 000 tonnes or more per year	1	EPA	5000
(d) infectious substances or quarantine waste	1	EPA	4750
(e) regulated waste (other than waste mentioned in paragraph (d))	1	EPA	6000
77. Battery recycling—operating a facility for receiving and recycling or reprocessing any kind of battery	2	EPA	-
78. Chemical or oil recycling—operating a facility for receiving and commercially recycling or reprocessing used chemicals, oils or solvents to produce saleable products	1	EPA	3820
79. Drum reconditioning—operating a facility for receiving and commercially reconditioning metal or plastic drums	2	EPA	-
80. Tyre recycling—operating a facility for receiving and commercially recycling or reprocessing tyres (other than retreading tyres).	2	EPA	-
81. Recycling or reprocessing regulated waste—operating a facility for receiving and recycling or reprocessing regulated waste (other than waste recycled or reprocessed under item 32(a), 46, 47, 50, 53 or 77 to 80) to produce saleable products.	1	EPA	2280
82. Waste transfer station—operating a waste transfer station designed to receive waste at the rate of 20 000 t or more of waste per year	1	EPA	900
83. Regulated waste transport—transporting regulated waste commercially or in quantities of more than 250 kg in a load—			
(a) for tyres	2	EPA	-
(b) for other regulated waste—			
(i) for 1 or more licensed vehicles but not more than 35 licensed vehicles	1		400 (plus 100 for each vehicle)
(ii) for 36 or more licensed vehicles	1		4000
(EXEMPT FROM IDAS)			
84. Regulated waste storage—operating a facility for receiving and storing—			
(a) more than 500 tyres in whole or equivalent parts (other than tyres stored for recycling or reprocessing under item 80)	1	EPA	1400
(b) other regulated waste, other than waste stored—	1	EPA	2000

ENVIRONMENTALLY RELEVANT ACTIVITY (INCLUDING THRESHOLDS)	L	AA	Annual Fees(\$)
(i) on a farm for use as a soil conditioner or fertiliser in carrying out an agricultural activity; or (ii) for use in manufacturing a saleable product under another item of this schedule; or (iii) for incineration under item 76; or (iv) recycling, reprocessing or reconditioning under items 77 to 79 or 81			
85. Regulated waste treatment—operating a facility for receiving and treating regulated waste to render it less or non-hazardous, other than by— (a) manufacturing a saleable product under another item of this schedule; or (b) incineration under item 76; or (c) recycling, reprocessing or reconditioning under items 77 to 79 or 81	1	EPA	4750

List of application fees

This table should be used in conjunction with the list of Environmentally Relevant Activities (ERA) table above. Please note that all fees listed are subject to change. The following fees have been **excluded from GST** by the Commonwealth Government.

Application Type	Fee
Application for a licence (with development approval) - section 82 of the EP Act	\$200 plus an amount equal to the annual licence fee for the activity (see list of Environmentally Relevant Activities (ERAs) table above)
Application for a licence (without development approval) or level 2 approval - sections 89 and 100 of the EP Act	\$200 plus an amount equal to the annual licence fee for the activity (see list of Environmentally Relevant Activities (ERAs) table above)
Application to convert a licence to a level 1 approval - section 109 of the EP Act	\$200
Application for an integrated authority - Chapter 4 and section 311 of the EP Act	\$200 plus an amount equal to the higher or highest annual licence fee for the activities (see list of Environmentally Relevant Activities (ERAs) table above)

List of EPA Offices that accept applications

Brisbane District Office
288 Edward Street
GPO Box 2771
Brisbane QLD 4001
Telephone (07) 3224 5641
Facsimile (07) 3225 8723

Bundaberg District Office
46 Quay Street
PO Box 1735
Bundaberg QLD 4670
Tel: (07) 4131 1600
Fax: (07) 4131 1620

Cairns District Office
2-4 McLeod Street
PO Box 2066
Cairns QLD 4870
Tel: (07) 4046 6602
Fax: (07) 4046 6606

Emerald District Office
99 Hospital Road
PO Box 906
Emerald QLD 4720
Tel: (07) 4982 4555
Fax: (07) 4982 2568

Gladstone District Office
136 Goondoon Street
PO Box 5065
Gladstone QLD 4680
Tel: (07) 4971 6500
Fax: (07) 4972 1993

Gold Coast District Office
Kabool Road West Burleigh
PO Box 3454
Burleigh Town LPO QLD 4220
Tel: (07) 5535 3855
Fax: (07) 5576 3975

Mackay District Office
Cnr Wood and River Streets
PO Box 623
Mackay QLD 4740
Tel: (07) 4944 7812
Fax: (07) 4944 7811

Maryborough District Office
Cnr Lennox and Alice Streets
PO Box 101
Maryborough QLD 4650
Tel: (07) 4121 1800
Fax: (07) 4121 1650

Mt Isa District Office
Suite 30, Level 1
Mount Isa House
Cnr Camooweal and Mary
Streets
PO Box 2316
Mt Isa QLD 4825
Tel: (07) 4744 7888
Fax: (07) 4744 7800

Rockhampton District Office
Cnr Yaamba and Yeppoon Roads
North Rockhampton
PO Box 3130
Rockhampton Shopping Fair
QLD 4701
Tel: (07) 4936 0376
Fax: (07) 4936 0375

Sunshine Coast District Office
Mayfield House, 29 The Esplanade
PO Box 168
Cotton Tree QLD 4558
Tel: (07) 5443 8940
Fax: (07) 5443 8942

Toowoomba District Office
158 Hume Street
PO Box 731
Toowoomba QLD 4350
Tel: (07) 4639 4599
Fax: (07) 4639 4524

Townsville District Office
Cape Pallarenda
PO Box 5391
Townsville MC QLD 4810
Tel: (07) 4722 5211
Fax: (07) 4722 5222

For general information, visit the EPA on the Internet: www.env.qld.gov.au or you can contact:

Division of Environmental Operations
160 Ann Street
PO Box 155 Brisbane Albert Street QLD 4002
Tel: 1800 501 087
Fax: (07) 3227 7677

Naturally Queensland Information Centre
Ground Floor, 160 Ann Street
PO Box 155 Brisbane Albert Street QLD 4002
Tel: (07) 3227 8185 / (07) 3227 8186
Fax: (07) 3227 8749

Form 1 Development Application

idas INTEGRATED DEVELOPMENT
ASSESSMENT SYSTEMPART
ACommon details
for all applications

The completion of all questions on Part A is mandatory for all applications. For further information refer to the guide for completing the application form available from the assessment manager or on the IPA website at www.ipa.qld.gov.au

1. Description of land

The description must identify all land subject of the application including land/easements over which access is to be obtained.

The lot & plan details (eg. SP / RP) are shown on title documents or a rates notice.

If the plan is not registered by title, provide previous lot and plan details.

Street address (Include no., street, suburb / locality & postcode)

226 PINE MOUNTAIN ROAD

MT GRWATT EAST

QLD

Postcode 4122

Lot & plan details (Attach list if necessary)

REFER ATTACHED LIST

Shop / tenancy no. (If applicable)

—

Storey / level (If applicable)

—

Total area of land (m² / ha)

In which local government area is the land situated?

BRISBANE CITY COUNCIL

2. Proposal

Provide details of the proposal (eg. new house / apartment building etc, demolition / removal of a house, extension to existing shop, new carport etc).

Details of the existing use of the land (Attach proposal report if necessary)

EXTRACTION OF ROCK & SCREENING

Details of the proposal (Attach proposal report if necessary)

EXTRACTION OF ROCK & SCREENING

3. Other parts of the form completed

Complete all other parts of the form applicable to your application.

What other parts of the form are attached (E.g. Part B: if the application involves assessment against the Building Act, Part D: if the application involves assessment against the planning scheme for material change of use, Part F: if the application involves reconfiguring a lot)

PART 6

4. Applicant details

Clearly identify who is making the application. The applicant need not be the owner of the land.

If the applicant is a company, a contact person must be shown.

Name

BRISBANE CITY WORKS

Contact person

NEVILLE CRASE

Phone no.

3403 7880

Mobile no.

Fax no.

Email address

3403 7844

qmao@brisbane.qld.gov.au

Signature

Date

sch4p3(3) Prejudice the protection of an individuals right to privacy

2/10/01.

Postal address

41 LENNON STREET

STAFFORD

QLD

Postcode 4053

All correspondence will be mailed to this address.

5. Consent of land owner/s

Completion of this section provides the owner's consent to the lodgement of this application.

If there are multiple owners, the consent of each owner is required.

If the owner is a company refer to the guide for completing the application form.

Name (In full) (Attach list if necessary)

BRISBANE CITY COUNCIL

Signature/s (Or if a company, the ACN plus signature/s or company seal & signatures)

ABN 72 002 765 795

Date

2/10/01.

Contact details (Optional)

OFFICE USE ONLY (applicable to assessment manager, alternative assessment manager and private certifier)

FEE (\$)	DATE RECEIVED	RECEIVING OFFICER'S NAME/S	REFERENCE NUMBER/S
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Notification of Engagement of Private Certifier (Optional format for private certifiers)

To _____ Council. I have been engaged as a private certifier for the building work referred to in this application.

Date of engagement: / / Accreditation Number _____

Name: _____

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Form 1 Development Application

idas

INTEGRATED DEVELOPMENT
ASSESSMENT SYSTEMPART
GComplete if this application involves *assessment for an*
**Environmentally Relevant
Activity (ERA)**

The completion of all questions on Part G of this form is *mandatory* for all development applications for a material change of use of premises for an ERA.

Nature of the ERA

To assist in completing this section, refer to the Environmental Protection Agency's (EPAs) Guideline No 1 IPA/EPAs available on the EPAs website at <http://www.env.qld.gov.au> under Business and Industry / Environmental Guidelines / Integrated Planning Act, or contact the local government.

To identify who the administering authority is for each ERA, refer to Schedule 1 of the *Environmental Protection Regulation 1998* or contact the EPA or local government.

If the proposed ERA is a Level 1 activity, an application for an environmental authority under the *Environmental Protection Act 1994*'s also required before the use starts. A fee saving is available if the applications are lodged together.

1. Identify each existing (if any) & proposed ERA(s) (eg. ERA 15) & its description (Attach list if necessary)

(1) ERA 20 - EXTRACTING ROCK OR OTHER MATERIAL

Existing Level (If applicable)

☒ Level 1 ☐ Level 2

Existing Threshold (If applicable)

(b) 5000t - 100 000t/year

Proposed Level (Tick applicable box)

☒ Level 1 ☐ Level 2

Proposed Threshold

(c) 100 000t/year

(2) ERA 22 - SCREENING

Existing Level (If applicable)

☒ Level 1 ☐ Level 2

Existing Threshold (If applicable)

5000t - 100 000t/year

Proposed Level (Tick applicable box)

☒ Level 1 ☐ Level 2

Proposed Threshold

5000t - 100 000t/year

Details of the land

For further details regarding preparing a Proposal Report refer to Guide 7.

REFUR
CURRENT
LICENCE
SR40

Plans and written information are required to accompany applications for ERAs (unless they are already provided in a Proposal Report or on plans). These plans and information are required to address the following matters regarding the land:

2. A description of the existing environment (ie. maps of the land and surrounding area, zoning of the land and surrounding areas) ☐ Details provided in Proposal Report / Plans
3. Details of the distance to any watercourse, dam, bore etc on or adjoining the land. ☐ Details provided in Proposal Report / Plans
4. Details of any of the following types of materials currently stored on the land (ie flammable & combustible materials, chemicals, other hazardous substances) ☐ Details provided in Proposal Report
- Details of the location of any acid sulfate soils within or adjoining the land ☐ Details provided in Proposal Report / Plans

Details of the activity

An application for an environmental relevant activity must be supported by enough information to enable the administering authority to decide the application, including, for example, relevant information about the likely risks to the environment, details of waste to be generated and any waste minimisation strategy.

REFUR
CURRENT
LICENCE
SR40

Plans and written information are required to accompany applications for ERAs (unless they are already provided in a Proposal Report or on plans). These plans & information are required to address the following matters regarding the proposal:

6. A description of the activity (ie. proposed operation and activities, discharge points, process details) ☐ Details provided in Proposal Report
7. Details of stormwater generation & disposal (ie stormwater management plans) ☐ Details provided in Proposal Report / Plans
8. Details of waste produced, including solid and liquid waste (ie waste management, waste minimisation plan, trade waste permit) ☐ Details provided in Proposal Report
9. Details of contaminant releases and their impacts on the receiving environment (ie discharge to waters, air, land; generation of noise, discharge of other contaminants) ☐ Details provided in Proposal Report
10. Details of any of the following types of materials proposed to be stored on the land (ie flammable & combustible materials, chemicals, other hazardous substances) ☐ Details provided in Proposal Report
11. Details of proposed hours of operation ☐ Details provided in Proposal Report
12. Details of business trading name ☐ Details provided in Proposal Report

Fee payable

13. Provide details of the fee payable for each scheduled ERA(s) listed in Question 1 (Attach additional details if necessary)

ERA 20(c) = \$4800, ERA 22(b) = \$3960, +
2 x \$200 = \$9240.

Plans and documents

14. Is the application accompanied by: (Tick applicable box/es)

☐ Plans

☐ Proposal report

☒ Other (Specify) COPY OF CURRENT LICENCE No. SR40

This application cannot be accepted by the assessment manager unless accompanied by Part A of the Development Application

OFFICE USE ONLY (applicable to assessment manager and alternative assessment manager)

DATE RECEIVED

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Pine Mountain Road Materials Recycling Facility

Lot Details:

Lot 1 on RP 139396, Volume 5237, Folio 69

Lots 6 & 7 on RP 13342, Volume 5872, Folio 246

Lot 512, SL 444, Volume 1579, Folio 199

County of Stanley

Parish of Bulimba

RTI Disclosure Log Release