

COPY

Registration certificate

Environmental Protection Act 1994

Registration certificate

No: ENRE00789308

This registration certificate is issued by the administering authority and takes effect from: 19-JUL-2011.

The anniversary day for the purposes of the Annual Return remains: 2 May.

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

Registered Operator:-

Edmund Turner & Janette Grasmeder
Trading as Endeavour Falls Tourist Park
3040 Endeavour Valley Road
COOKTOWN QLD 4871

Development Approval Number: IPDE00997408

Place:-

Lot 1 Plan SP145525

Located at:-

Lot 1 Endeavour Falls Road,, COOKTOWN QLD 4895

Registered Activity: -

ERA 63 Sewage treatment Threshold 2(a) - operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP (i) if treated effluent is discharged to an infiltration trench or through an irrigation scheme

C. C. Birt

Cathy Birt
Delegate
Department of Environment and Resource Management
Environmental Protection Act 1994

19-JUL-2011

Section 3.5.15 Integrated Planning Act 1997

EPA Permit¹ number: IPDE01023808

EPA Permit¹ number:	IPDE01023808
Assessment Manager reference:	as above
Date application received by EPA:	30-APR-2008
Permit¹ Type:	Development Approval for a MCU involving an ERA
Date of Decision:	30-JUL-2008
Decision:	Granted in full with conditions
Relevant Laws and Policies:	<i>Environmental Protection Act 1994</i> and any subordinate legislation

Development Description

Property	Lot/Plan	Aspect of Development
Lot 1 Endeavour Falls Road, COOKTOWN QLD 4895	Lot 1 Plan SP145525	ERA 15(a) Sewage treatment - operating 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 Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service

Additional comments or advice about the application

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Additional information for applicants

The standard currency periods stated in section 3.5 21 of the Integrated Planning Act 1997 or the nominated currency period, apply to each aspect of development in this permit¹. For information on when this permit¹ takes effect and the relevant currency periods, please see point 3 in the Notice of Decision.

Contaminated Land

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

Environmentally Relevant Activities

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

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

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



Robin Little
District Manager
Cairns, Far Northern Region
Delegate
Environmental Protection Agency
30-JUL-2008

CONDITIONS OF APPROVAL

Condition for: ERA 15(a) Sewage treatment - operating 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.

Agency Interest: General

G1 Prevent and/or minimise likelihood of environmental harm.

In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.

G2 Maintenance Of Measures, Plant and Equipment.

The operator of an ERA to which this approval relates must:

- (a) (install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and
- (b) (maintain such measures, plant and equipment in a proper and efficient condition; and
- (c) (operate such measures, plant and equipment in a proper and efficient manner.

G3 Site Based Management Plan.

From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out.

The SBMP must address the following matters:

- (a) Environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals.
- (b) Identification of environmental issues and potential impacts
- (c) Control measures for routine operations to minimise likelihood of environmental harm.
- (d) Contingency plans and emergency procedures for non-routine situations.
- (e) Organisational structure and responsibility.
- (f) Effective communication.
- (g) Monitoring of contaminant releases.
- (h) Conducting environmental impact assessments.
- (i) Staff training.
- (j) Record keeping.
- (k) Periodic review of environmental performance and continual improvement.

G4 The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.

G5 Records.

Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested.

G6 All records required by this approval must be kept for 5 years.

G7 Acid Sulphate Soils.

The latest edition of the Queensland Environmental Protection Agency's INSTRUCTIONS FOR THE TREATMENT AND MANAGEMENT OF ACID SULFATE SOILS, 2001, ('the Instructions') must be complied with when treating and managing acid sulfate soils.

G8 Acid sulfate soils must be managed such that contaminants are not directly or indirectly released to any waters.

G9 Notification.

Telephone the EPA's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.

G10 Information About Spills.

A written notice detailing the following information must be provided to the EPA within 14 days of any advice provided in accordance with condition G9:

- a) the name of the operator, including their approval / registration number;
- b) the name and telephone number of a designated contact person;
- c) quantity and substance released;
- d) vehicle and registration details;
- e) person/s involved (driver and any others);
- f) the location and time of the release;
- g) the suspected cause of the release;
- h) a description of the effects of the release;
- i) the results of any sampling performed in relation to the release,
- j) actions taken to mitigate any environmental harm caused by the release; and
- k) proposed actions to prevent a recurrence of the release

G11 Monitoring.

A competent person(s) must conduct any monitoring required by this approval.

G12 Equipment Calibration.

All instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this approval must be calibrated, and appropriately operated and maintained.

G13 Trained / Experienced Operator(s).

The daily operation of the waste water treatment system and pollution control equipment must be carried out by a person(s) with appropriate experience and/or qualifications to ensure the effective operation of that treatment system and control equipment.

Agency Interest: Air

A1 Nuisance.

The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.

Agency Interest: Land

L1 Land Disposal.

The only contaminants permitted to be released to land are primary treated effluent to the areas shown in the approved plan ('Site Plan' WC20357 dated 29 July 2008) in compliance with the conditions of this approval.

L2 All new installations to be designed and constructed in accordance with AS1547.

L3 The daily volume of contaminants released to land must be determined or estimated by an appropriate method, for example a flow meter, and records kept of such determinations and estimates.

L4 A minimum area of 200 square metres of land, excluding any necessary buffer zones, must be utilised for the disposal of treated effluent from the septic system installed to service the service station/convenience store/takeaway and owner's/manager's residence.

L5 In accordance with Section 4.2.3.4 of AS1547:2000, a reserve area of 100% of the design area (200 square metres minimum) is required to be left free of development that would prevent it being used in the future to allow for expansion, resting of the land-application system, or duplication of the land-application system if unforeseen circumstances require this at some future time.

L6 In accordance with 4.2.3 3.(d) AS1547 all new absorption trenches must be able identifiable from the surface.

L7 All tank/s installed as part of the septic system servicing the service station/convenience store/takeaway and owner's/manager's residence must have a minimum total capacity of 4500L.

L8 An approved grease trap is to be fitted to the new commercial kitchen plumbing prior to release of sewage to the septic tank.

L9 New septic tank outfalls are to be fitted with an approved solids filter and pump well.

- L10 Monitoring must be undertaken and records kept of a monitoring program of contaminant releases to the disposal areas at the monitoring points, frequency, and for the parameters specified in Table 1 - Monitoring program.
- L11 The disposal of effluent must be carried out in a manner such that:
- (a) vegetation is not damaged;
 - (b) soil erosion and soil structure damage is avoided;
 - (c) there is no surface ponding of effluent;
 - (d) percolation of effluent beyond the plant root zone is minimised;
 - (e) the capacity of the land to assimilate nitrogen, phosphorus, salts, organic matter as measured by oxygen demand and water is not exceeded; and
 - (f) the quality of ground water is not adversely affected.

Agency Interest: Social

- S1 Complaint Response.

The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request.

- a) Time, date, name and contact details of the complainant;
- b) reasons for the complaint;
- c) any investigations undertaken;
- d) conclusions formed; and
- e) any actions taken.

Agency Interest: Waste

- W1 All regulated wastes are to be disposed of appropriately
- W2 Septic tanks are to be pumped out and maintained at least once every three years in accordance with AS1547.

Agency Interest: Water

- WA1 Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
- WA2 Stormwater Management.
- There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.
- WA3 All trenches are to be located at least 80 metres down gradient from the current or any future groundwater bore.

WA4 If requested by the EPA, groundwater and/or surface water sampling and analysis must be performed by a suitably qualified person.

WA5 Release to Waters.

Contaminants must not be released from the site to any waters or the bed and banks of any waters.

DEFINITIONS

Words and phrases used throughout this permit¹ are defined below. Where a definition for a term used in this permit¹ is sought and the term is not defined within this permit¹ the definitions provided in the relevant legislation shall be used.

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

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

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

"approved plans" means the plans and documents listed in the approved plans section in the notice attached to this development approval.

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

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

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

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

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

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

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

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

"Environmental Protection Agency" means the department or agency (whatever called) administering the *Coastal Protection and Management Act 1995* or the *Environmental Protection Act 1994*.

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

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

"mg/L" means milligrams per litre.

"nuisance sensitive place" includes –

- a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
- a public thoroughfare, park or gardens; or
- a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

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

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

"protected area" means –

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

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

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

"site" means land or tidal waters on or in which it is proposed to carry out the development approved under this development approval.

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

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

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

"works" or "operation" means the development approved under this development approval.

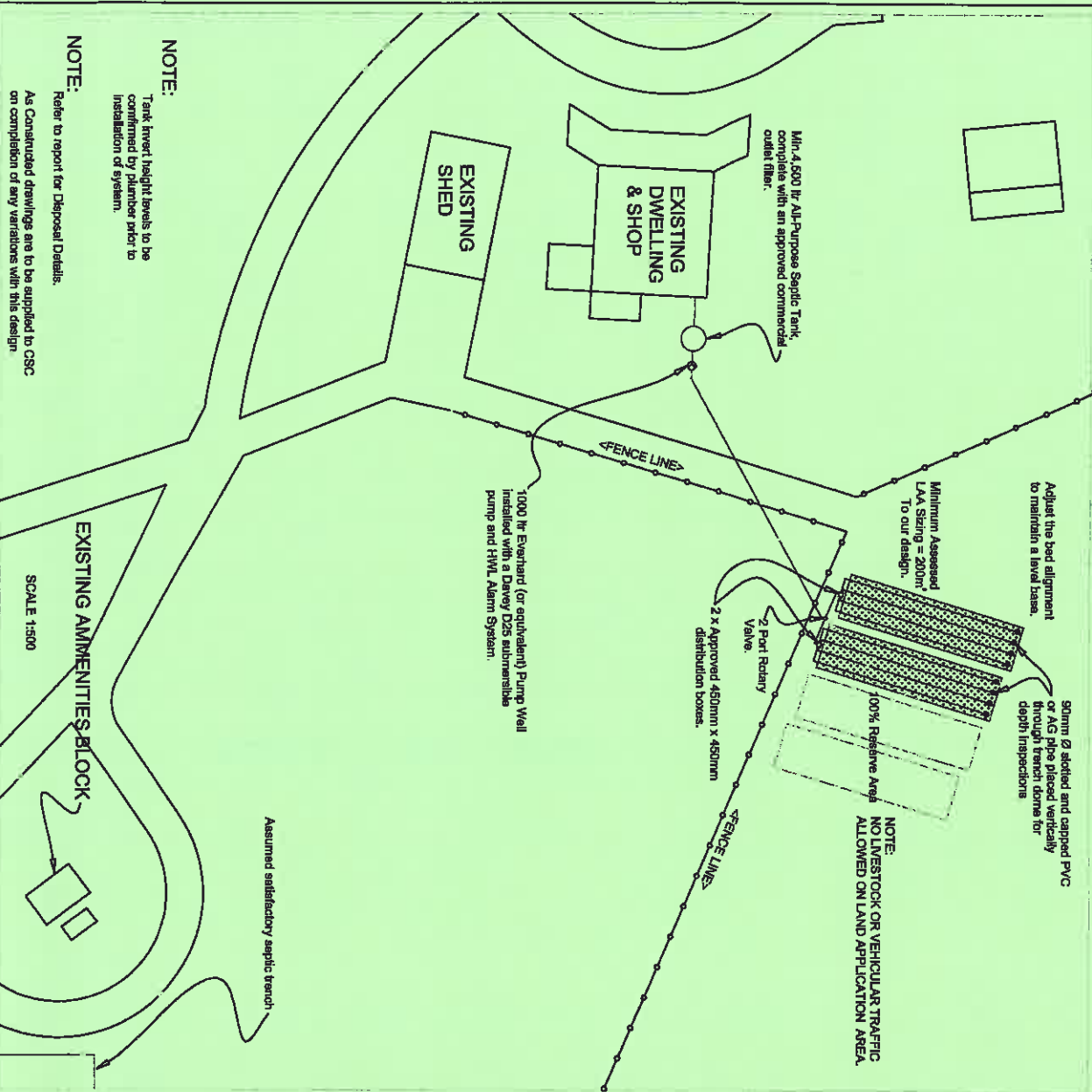
"you" means the holder of this development approval or owner / occupier of the land which is the subject of this development approval.

END OF CONDITIONS

Table 1 - Monitoring program

Monitoring point	Quality characteristics	Units	Frequency
Preexisting and new trenches	Visual (surface ponding, saturation etc); Odour	None	Weekly

Rev	Date	Amendment	By



NOTE:
Refer to report for Disposal Details.

As Constructed drawings are to be supplied to CSC on completion of any variations with this design.

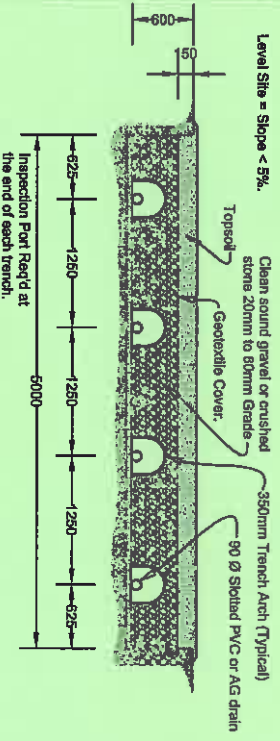
Wastewater Consultants
5555 Westwater Consultants City, Ltd. 2018
46 Kentucky Highway,
Tofino, Qld. 4882.
(PO Box 747, Tofino, Qld. 4882)
Phone: (07) 40935 211
Fax: (07) 40935 349
R0006, 98 101 739 477
NSW Licence No: 1032472

46 Kentucky Highway, Tofino, Qld. 4882. (PO Box 747, Tofino, Qld. 4882) Phone: (07) 40935 211 Fax: (07) 40935 349 R0006, 98 101 739 477 NSW Licence No: 1032472		WASTEWATER DISPOSAL ASSESSMENT AT ENDEAVOUR FALLS TOURIST PARK ENDEAVOUR VALLEY RD, COOKTOWN		Drawing Title SITE PLAN		Drawing No. WC 1		Project No. 20357		Date 29/07/08	
Scale As Shown		Sheet No. 1 of 1		Rev. 							

Real Property Description
Lot 1 on SP 146525
County of BARRIE

All Plumbing and Draining to comply with AS3500

ETA BED SECTIONAL ELEVATION Scale 1:50.



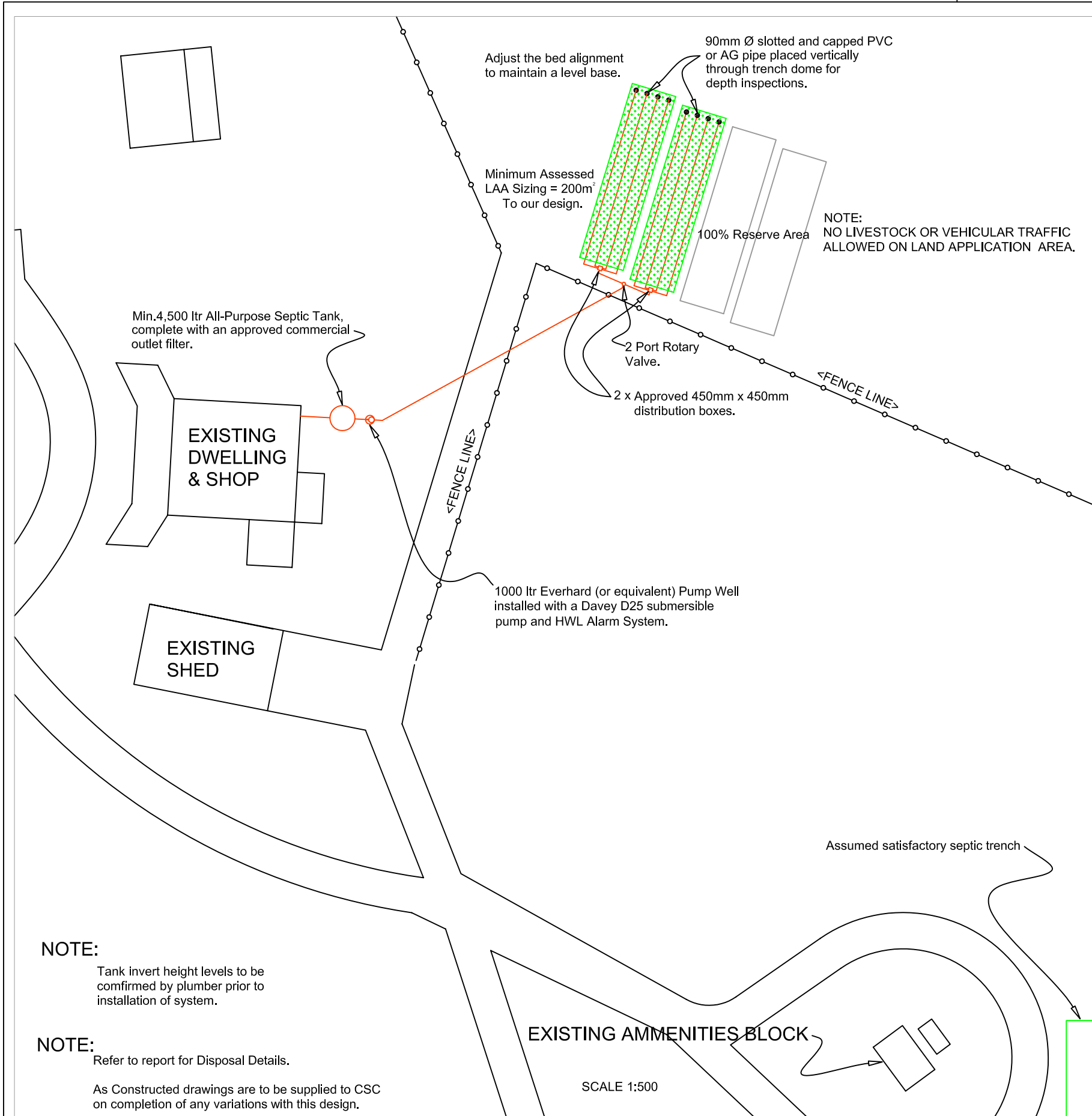
SCALE 1:2000



Environmental Protection Agency

APPROVED

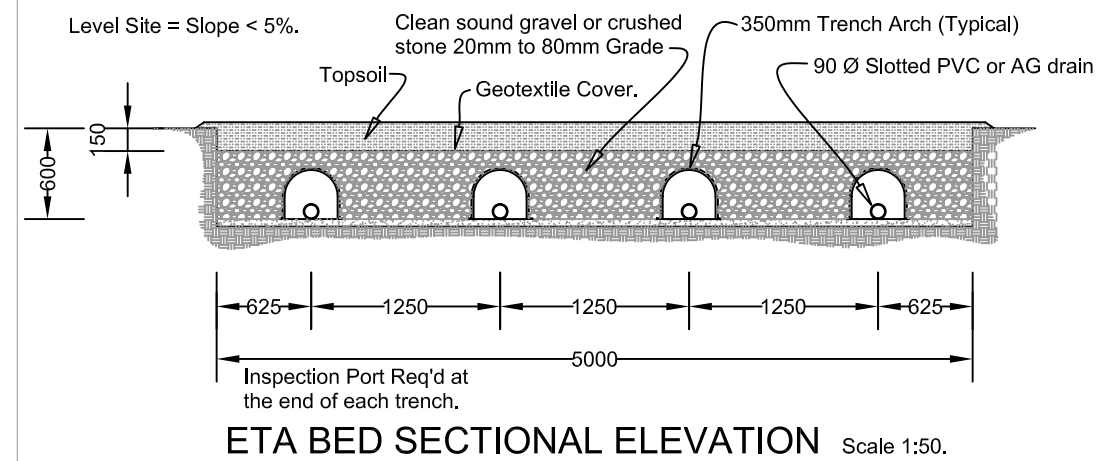
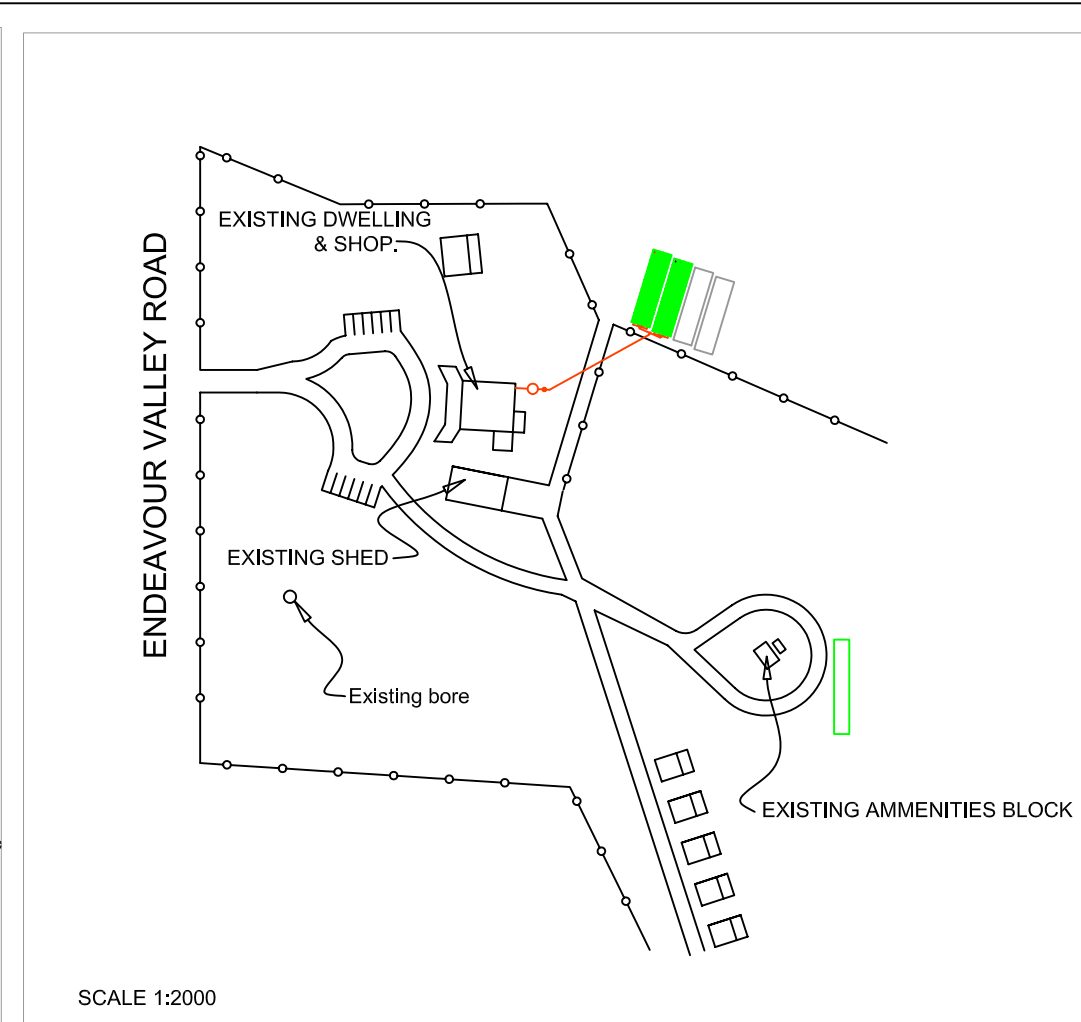
Permit No: IPDE01023808



NOTE:
Tank invert height levels to be confirmed by plumber prior to installation of system.

NOTE:
Refer to report for Disposal Details.

As Constructed drawings are to be supplied to CSC on completion of any variations with this design.



All Plumbing and Draining to comply with AS3500

Real Property Description
Lot 1 on SP 145525
Parish of HANN
County of BANKS
Site Area:

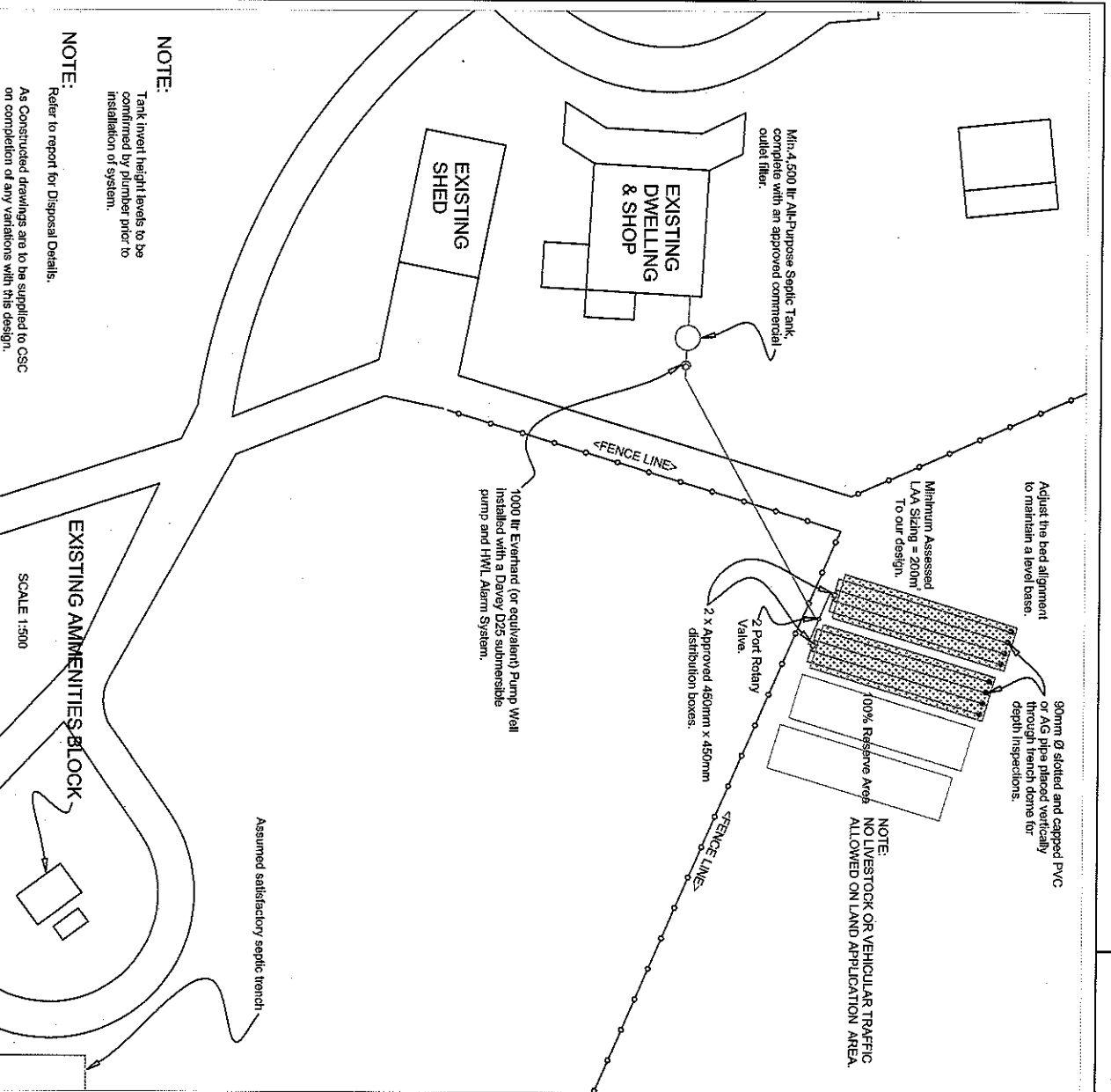
Rev.	Date	Ammendment	By

Tableland Wastewater Consultants Pty. Ltd. T/As

Wastewater Consultants

46 Kennedy Highway,
Tolga, Qld. 4882.
(PO Box 747, Tolga, Qld. 4882)
Phone: (07) 40955 211
Fax: (07) 40955 349
ABN: 98 101 739 477
BSA Licence No: 1032472

WASTEWATER DISPOSAL ASSESSMENT				Date 29/07/08	
For ENDEAVOUR FALLS TOURIST PARK				Scale As Shown	
At ENDEAVOUR VALLEY RD, COOKTOWN					
Drawing Title	Drawn	Stage	Report No.	Sheet No.	Rev.
SITE PLAN	KB	1	WC 20357	01	
				Page 1 of 1	



NOTE:
Tank invert height levels to be confirmed by plumber prior to installation of system.

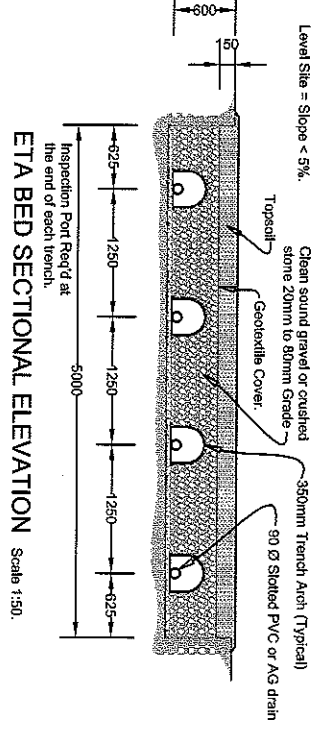
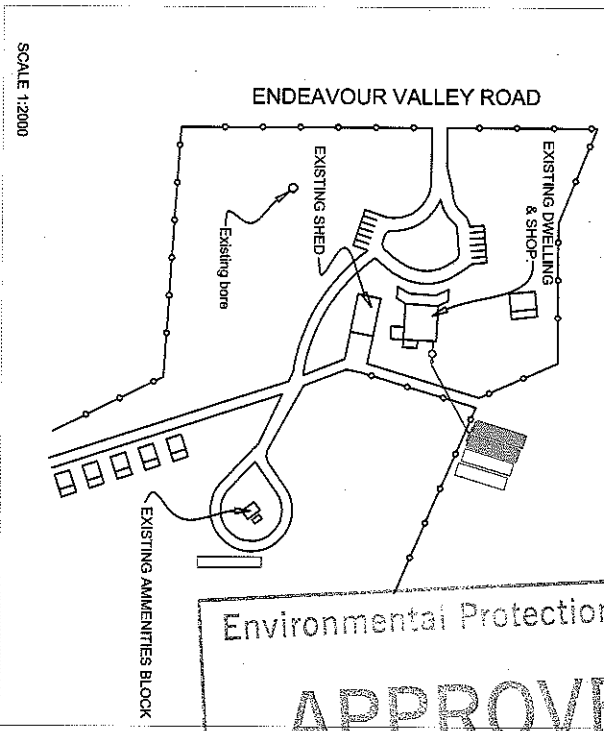
NOTE:
Refer to report for Disposal Details.

As Constructed drawings are to be supplied to CSC on completion of any variations with this design.

Rev	Date	Amendment	By

Goldwater Wastewater Consultants Pty. Ltd. 5/12/18

Goldwater Wastewater Consultants



All Plumbing and Draining to comply with AS3500

Real Property Description
Lot 1 on SP 145625
Parish of HANN
County of BANKS
Site Area:

46 Kennedy Highway, Togoa, Qld. 4882. (PO Box 747, Togoa, Qld. 4882) Phone: (07) 40955 211 Fax: (07) 40955 349 ABN: 98 101 739 477 QSA Licence No: 1032472	WASTEWATER DISPOSAL ASSESSMENT AT ENDEAVOUR FALLS TOURIST PARK ENDEAVOUR VALLEY RD, COOKTOWN Drawing Title	Site Plan	1/3/1	20357	29/07/08	As Shown	01
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Environmental Protection Agency

APPROVED

Permit No: **IPDE 01023808**