COPY

Environmental Protection Act 1994

Registration certificate

No: ENRE00944609

This registration certificate is issued by the administering authority and takes effect from: 07-APR-2011.

The anniversary day for the purposes of the Annual Return remains: 18 November.

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

Registered Operator:-
Lockhart River Aboriginal Council
Lockhart River
C/ Post Office
LOCKHART RIVER QLD 4871

Place:-
Lot 16 Plan WMT42
Located at:-
1.3 kilometres west of township
Registered Activity: -
ERA 60 Waste disposal Threshold 2(a) - operating a facility for disposing of, in a year, 50t to 2000t of only general waste or general waste and any or any combination of limited regulated waste that is no more than 10% of the total amount of waste received at the facility or - if the facility is in a scheduled area - no more than 5t of untreated clinical waste

Place:-
Lot 16 Plan WMT42
Located at:-
600 metres east of township,LOCKHART RIVER QLD 4871
Registered Activity: -
ERA 63 Sewage treatment Threshold 2(b) - operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 to 1500EP (ii)

Department of Environment and Resource Management
www.derm.qld.gov.au ABN 46 640 294 485

otherwise (Note: not to an infiltration trench or through an irrigation scheme)

C. E. Birt

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

07-APR-2011

ENVIRONMENTAL PROTECTION ACT 1994

Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

Cairns District Office
PO Box 2066 CAIRNS QLD 4870
Phone: (07) 4046 6602 Fax: (07) 4046 6606
www.env.qld.gov.au ABN: 87221158786

Integrated Authority No. 5010000196

Section 311 *Environmental Protection Act 1994*

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:

DISPATCHED
26 OCT 2004
RL324745520
Reg Mail No:

Lockhart River Aboriginal Council
Trading as Lockhart River Community Council
LOCKHART RIVER QLD 4871

in respect of carrying out the Environmentally Relevant Activities (ERAs) at the different places and under the types of environmental authorities 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 18 November.

This amended integrated authority takes effect from 25 October 2004.

R. A. Lawrence — Signed

25 October 2004 — Date

Rob Lawrence
District Manager
Cairns District, Northern Region
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 (WITHOUT DEVELOPMENT APPROVAL) (SECTION 93)

Applicable Part & Schedule(s)	ERA No.	ERA name	Lot	Plan	Location
Part 1 & 2	15(b)	Sewage treatment – 100 equivalent persons or more but less than 1.500.	16	WMT42	Parish of Lloyd, County of Weymouth. 600m east of township.
Part 1 & 3	75(c)(i)	Disposing of not more than 5 t untreated clinical waste per year, whether alone or in combination with any waste mentioned in ERA 75(a)(i) – Disposing of only general waste or limited regulated waste, if the facility is designed to receive waste at the rate of more than 50 t, but not more than 2,000 t a year.	16	WMT42	Parish of Lloyd, County of Weymouth. 1.3 km west of township.

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 - General conditions applicable to all licensed places.

Part 2 - Conditions applicable to Lockhart River Sewage Treatment Plant.

Part 3 - Conditions applicable to Lockhart River Tip.

Each part consists of conditions relevant to various issues.

PART 1 - LICENCE(S) (WITHOUT DEVELOPMENT APPROVAL) (Section 93)

This part is for the carrying out of a level 1 environmentally relevant activity without a development approval, under chapter 4, part 3, division 2, subdivision 1 of the Environmental Protection Act 1994.

PART 1 - CONDITIONS APPLICABLE TO ALL LICENSED PLACES

SCHEDULE 1.A - GENERAL CONDITIONS

Access to Environmental Authority, Integrated Environmental Management System, Site Based Management Plans and Site Development Plans

(1.A1) A copy of this environmental authority and any associated plans must be kept in a location readily accessible to personnel carrying out the environmentally relevant activity.

Records

(1.A2) Any record or document required to be kept by a condition of this environmental authority must be kept at the council offices for a period of at least five (5) years and be available for examination by an authorised person. For daily and weekly records, 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

(1.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 into the environment.

Monitoring and Measurements

(1.A4) All determinations of the quality of contaminants released to the environment and all measurement and reporting of noise levels that are required by this environmental authority must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required determinations and the required measurements.

Calibration

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

Due Regard for Comment

(1.A6) Where any plan or program is required, as a condition of this environmental authority, to be submitted to the administering authority for review and comment, the holder of this environmental authority must have due regard to those comments in the finalisation of that plan or program.

Integrated Environmental Management System (IEMS)

(1.A7) The holder of this environmental authority must:

(a) develop and implement an IEMS which provides for the following functions:

(i) the monitoring of releases of contaminants into the environment and an environmental assessment of the releases; and

(ii) staff training and awareness of environmental issues to ensure that, at the minimum:

(a) any person responsible for carrying out any of the environmentally relevant activities is familiar with the conditions of this environmental authority as they relate to the person's responsibilities; and

(b) any person responsible for the operation and maintenance of plant and equipment used in carrying out the environmentally relevant activities is competent to carry out their duties; and

(iii) the conduct of environmental and energy audits; and

(iv) waste prevention, treatment and disposal; and

(v) preparation and implementation of Site Based Management Plans for each licensed place covered by this environmental authority; and

(b) lodge with the administering authority on or before 31 March 1998 and at three (3) monthly intervals thereafter until 30 September 1998, a brief report describing the progress in developing and implementing the IEMS; and

(c) on or before 30 September 1998 lodge a detailed description of the IEMS and its documentation with the administering authority for its review and comment; and

(d) have due regard to that comment in the finalisation of the IEMS; and

(e) on or before 31 December 1998 have completed and implemented the IEMS.

Site Based Management Plans

(1.A8) Site Based Management Plans required by this environmental authority must provide for at least the following functions:

(a) routine operating procedures to prevent or minimise environmental harm from the carrying out of the environmentally relevant activities and include procedures for the recovery, storage and proper disposal of any wastes found at the Lockhart River Refuse Tip which are not allowed to be disposed of at that site.

(b) maintenance practices and procedures to ensure that all plant, equipment and reticulation systems used in the carrying out of the environmentally relevant activities are maintained in good working order; and

(c) contingency plans and emergency procedures to deal with foreseeable risks and hazards including inspection procedures and response plans for sewage pump stations in the event of failure of the power supply to any pump station; and

(d) recording and handling of environmental complaints; and

(e) preparation and carrying out of monitoring programs to ensure compliance with the conditions of this licence; and

(f) monitoring of compliance with any of the requirements of:

(i) the conditions of this environmental authority; or

(ii) any plans or programs prepared under this environmental authority; and

(g) review and amendment or improvement of operating procedures and plans or programs required under Site Based Management Plans where deficiencies are revealed by the monitoring program required in section (f) of this condition; and

(h) any other specific requirements of the other parts of this environmental authority.

END OF CONDITIONS FOR SCHEDULE 1.A

SCHEDULE 1.B - AIR

(1.B1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE 1.B

SCHEDULE 1.C - WATER

(1.C1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE 1.C

SCHEDULE 1.D - STORMWATER MANAGEMENT

(1.D1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE 1.D

SCHEDULE 1.E - LAND APPLICATION

(1.E1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE 1.E

SCHEDULE 1.F - NOISE

Emission of Noise

(1.F1) In the event the administering authority receives a complaint about noise generated on any of the licensed places covered by this environmental authority which it considers reasonable, measures must be taken to minimise the release of the noise emission beyond the boundaries of the licensed place until the circumstances which gave rise to the complaint are resolved.

END OF CONDITIONS FOR SCHEDULE 1.F

SCHEDULE 1.G - WASTE MANAGEMENT

General

(1.G1) The holder of this environmental authority must not:

(a) burn waste at or on any licensed place covered by this environmental authority unless otherwise authorised by this administering authority; nor

(b) allow waste to burn or be burnt at or on any licensed place covered by this environmental authority unless otherwise authorised by the administering authority; nor

(c) remove waste from any licensed place covered by this environmental authority and burn such waste elsewhere except in accordance with the requirements of the Environmental Protection Act 1994.

Off Site Movement of Regulated Wastes

(1.G2) 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 ensure that records are kept of the following:

(a) the date, quantity and type of waste removed; and

(b) name of the waste transporter that removed the waste; and

(c) the intended treatment/disposal destination of the waste.

(1.G3) Records of any trade waste agreements for discharge of wastes to sewers must be made available for inspection on request.

END OF CONDITIONS FOR SCHEDULE 1.G

SCHEDULE 1.H - MONITORING AND REPORTING

Sampling and Analysis of Waters

(1.H1) All determinations of the quality of leachate, contaminants released to waters and waters must be made in accordance with methods prescribed in the Department of Environment and Heritage Water Quality Sampling Manual, 2nd Edition, February 1995, or more recent additions or supplements to that document as such become available.

Recording of Monitoring Program Results

(1.H2) The holder of this environmental authority must keep a written record of the results of all monitoring programs required under this environmental authority. This record must:

(a) record the results of all analyses, measurements and observations;

(b) record the date and time of sampling; and

(c) have all records of analyses, measurements and observations signed by a responsible officer.

Annual Monitoring Report

(1.H3) The holder of this environmental authority must submit a report to the administering authority with the annual return which shall include but not be limited to:

(a) a summary of the previous twelve (12) month's monitoring results obtained under any monitoring program(s) required under this environmental authority; and

(b) a summary of any record of quantities of discharge required to be kept under this environmental authority; and

(c) for the sewage treatment plant:

(i) the number of domestic tenements newly connected to the sewage treatment works during the previous twelve (12) months; and

(ii) the progressive total number of connections; and

(iii) a summary of any trade waste agreements entered into or amended during the year, including the nature of the industry.

Exception Reporting

(1.H4) The holder of this environmental authority must, unless a program notice in accordance with Section 101 of the Act is submitted, notify the administering authority in writing of any monitoring result which indicates an exceedance of any environmental authority limit within twenty-eight (28) days of completion of analysis.

(1.H5) The written notification required by condition number (1.H4) above must include:

(a) the full analysis results; and

(b) details of investigation or corrective actions taken; and

(c) results of any subsequent analysis carried out to verify the success of any corrective actions taken.

(1.H6) If a program notice has been submitted under Section 101 of the Act, condition numbers (1.H4) and (1.H5) will have been complied with if the required information is submitted by the date specified in a Section 103 notice requiring submission of a draft Environmental Management Program.

END OF CONDITIONS FOR SCHEDULE 1.H

SCHEDULE 1.I - DEFINITIONS

For the purposes of this environmental authority the following definitions apply:

(1.I1) "administering authority" means the Environmental Protection Agency or its successor.

(1.I2) "total nitrogen" means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen

(1.I3) "mg/l" means milligrams per litre.

(1.I4) "80th percentile (long term)" is the value which is exceeded by twenty (20) percent of the values for the characteristic in question and should be calculated on the basis of a log - normal distribution using twelve (12) months consecutive results for the characteristic.

(1.I5) "80th percentile (short term)" means that not more than one (1) of the measured values of the quality characteristic are to exceed the stated release limit for any five (5) consecutive samples where:

(a) the consecutive samples are taken over a five (5) week period;

(b) the consecutive samples are taken at approximately equal periods; and

(c) the time interval between the taking of each consecutive sample is not less than six (6) days.

(1.I6) "50th percentile" means that the measured values of the quality characteristic must not be greater than the release limit for any more than three out of six consecutive samples where the time interval between the taking of each consecutive sample is not less than three (3) days.

(1.I7) "grab" sample means one sample collected at any point in time.

(1.I8) "median" means the middle value, where half the data are smaller, and half the data are larger. If the number of samples is even, the median is the arithmetic average of the two middle values.

(1.I9) "maximum" means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.

(1.I10) "minimum" means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.

(1.I11) "range" means that the measured value of the quality characteristic or contaminant must not be greater than the higher release limit stated nor lower than the lower release limit stated.

(1.I12) "aquifer" means a subsurface zone or formation of rock which contains exploitable resources of groundwater.

(1.I13) "permeability" means a measure of the rate at which a fluid will pass through a medium. The coefficient of permeability of a given fluid is an expression of the rate of flow through unit area and thickness under unit differential pressure at a given temperature. Synonymous with hydraulic conductivity when the fluid is water.

(1.I14) "leachate" means contaminated water which has been generated in or percolated through or drained from wastes.

(1.I15) "compaction" means increasing the density of solid waste in landfills by the repeated passage of heavy machinery over its surface.

(1.I16) "cover" means material used to cover wastes deposited in landfills or sanitary depots.

(1.I17) "leachate recirculation" means the practice of returning leachate to the upper layers of a landfill, from which it has been abstracted, usually by direct spraying or pump well injection.

(1.I18) "capping" means the covering of a landfill or sanitary depot trench with impervious material to inhibit penetration by liquids.

(1.I19) "future waste disposal area" means any waste disposal area constructed after this environmental authority takes effect.

(1.I20) "waste disposal activities" means all activities relating to waste disposal and includes the shredding of waste (where applicable), stockpiling of cover material, temporary waste storage, leachate collection and disposal, litter control and cell, trench or disposal area construction.

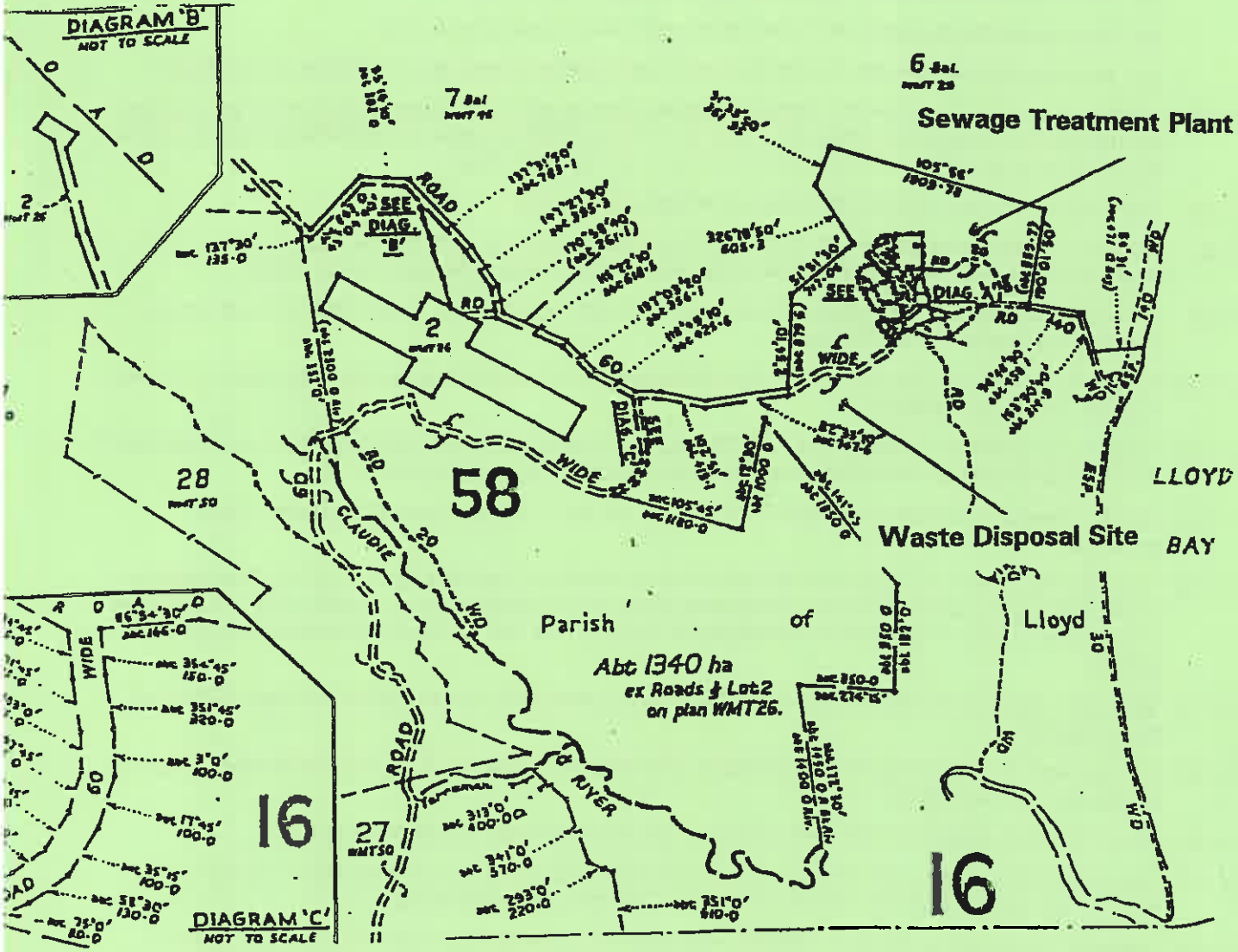
(1.I21) "licensed places" means all the licensed places listed individually in the other parts of this environmental authority.

(1.I22) "the holder of this environmental authority" means Lockhart River Aboriginal Council.

END OF CONDITIONS FOR SCHEDULE 1.I

SCHEDULE 1.J - SITE PLAN

(1.J1) Location of Licensed Places



END OF CONDITIONS FOR SCHEDULE 1.J

END OF PART 1

PART 2 - LOCKHART RIVER SEWAGE TREATMENT PLANT

SCHEDULE 2.A - GENERAL CONDITIONS

(2.A1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE 2.A

SCHEDULE 2.B - AIR

(2.B1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE 2.B

SCHEDULE 2.C - WATER

Release Points

(2.C1) Sewage or treated sewage effluent must not be directly or indirectly released from any source on the licensed place to any waters or land at any location other than:

(a) overflows from sewage pump stations in accordance with the requirements of this environmental authority; and

(b) the discharge of treated effluent from Release Point W1 to a gully, leading to Quintell Creek at the location as shown in condition number (2.J1).

Quantity of Contaminants Released

(2.C2) The total quantity of contaminants released from Release Point W1 during any dry weather day must not exceed 400 cubic metres and during a wet weather day must not exceed 800 cubic metres.

Quality Characteristics of Release to Waters

(2.C3) The release of contaminants to waters from Release Point W1 must comply, at the sampling and in situ monitoring point specified in Table 1 of Schedule 2.H, with each of the limits specified in Schedule 2.C - Table 1 for each quality characteristic.

Schedule 2.C - Table 1 - Release Quality Characteristic Limits

QUALITY CHARACTERISTICS	RELEASE LIMIT	LIMIT TYPE
5-day Biochemical Oxygen Demand (mg/l)	20 25 60	80th percentile (long term) 80th percentile (short term) maximum
Suspended Solids (mg/l)	30 60 90	80th percentile (long term) 80th percentile (short term) maximum
pH (pH Units)	6.5 to 8.5	range
Dissolved Oxygen (mg/l)	2	minimum
Ammonia Nitrogen (mg/l)	1	maximum

(2.C4) The release of contaminants to waters from Release Point W1 must not produce visible floating oil, grease, scum or litter.

Pump Station Overflows

(2.C5) The only pump stations permitted to release contaminants to any waters are those listed below at the corresponding overflow locations:

PUMP STATION DESCRIPTION	OVERFLOW LOCATION
Maathvy Street, Lockhart River	adjacent ground surface

Sewage Pump Station Alarms and Standby Pump Systems

(2.C6) Sewage pump stations whose failure would or would be likely to result in a direct or indirect release of contaminants to waters must be fitted with stand-by pumps and pump-failure alarms as well as high level alarms to warn of imminent pump station overflow. All alarms must be able to operate without mains power if such power failure occurs. Any works required to achieve compliance with this condition must be completed by 31 December 1998.

(2.C7) The holder of this environmental authority must regularly inspect all sewage pump stations whose failure would or would be likely to result in a direct or indirect release of contaminants to waters at a frequency that would detect any pump failure before the system overflowed. A record must be kept of the date and results of each inspection on a log sheet.

Screening of Sewage Pump Station Overflows

(2.C8) Any sewage pump station overflows must be screened to prevent the release of gross solids.

Sewage Pump Stations

(2.C9) The existing sewage pump station and any new sewage pump station installed by the holder of this environmental authority must comply with the following design criteria:

(a) overflows resulting from infiltration should not occur for less than five (5) times design ADWF;

(b) all overflows and overflow control structures must, where practicable, be located away from environmentally sensitive locations including waterways and natural wetlands;

(c) retention basins with at least twenty four (24) hours capacity at design ADWF must be installed to isolate and contain sewage pump station overflows; and

(d) where a retention basin is provided, the contained overflow must be able to be pumped back to the sewage treatment system or removed for off site disposal.

Any works required to achieve compliance with this condition must be completed by 31 December 1998.

END OF CONDITIONS FOR SCHEDULE 2.C

SCHEDULE 2.D - STORMWATER MANAGEMENT

(2.D1) The licensed place must be operated in such a way that contamination of stormwater is avoided or minimised by:

(a) diversion of upstream runoff away from areas containing wastes or contaminants including the sewage treatment lagoons; and

(b) maintenance of any diversion drains around treatment lagoons to minimise any undermining or erosion of embankments; and

(c) minimisation of the size of contaminated areas; and

(d) if acid sulphate soils or potential acid sulphate soils are encountered in carrying out the environmentally relevant activity:

(i) the maintenance in a submerged state of any acid sulphate soils or potential acid sulphate soils; and

(ii) the maintenance of the height of the groundwater table where such lowering would be likely to expose any acid sulphate soils or potential acid sulphate soils to aerobic conditions; or

(iii) if acid sulphate soils or potential acid sulphate soils are disturbed, extracted or unearthed as a result of carrying out the environmentally relevant activity, the storing (by keeping underwater or isolated from the atmosphere by other means) and/or treating and/or disposing of any such soils so as to prevent environmental harm to surface waters and or groundwaters.

END OF CONDITIONS FOR SCHEDULE 2.D

SCHEDULE 2.E - LAND APPLICATION

(2E.1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE 2.E

SCHEDULE 2.F - NOISE

(2.F1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE 2.F

SCHEDULE 2.G - WASTE MANAGEMENT

Acceptance of Regulated Wastes

(2.G1) The holder of this environmental authority may only accept regulated waste into the sewerage system serving the licensed place when such wastes are commingled with normal domestic sewage or in accordance with a trade waste policy.

Sludge Removal and Handling

(2.G2) The holder of this environmental authority must remove any sludges from the sewage treatment plant in a manner that minimises the risk of spillage of sludge or any other release of contaminants to the environment.

Infiltration Management

(2.G3) The holder of this environmental authority must maintain the sewage reticulation system in such a manner that infiltration and other stormwater inflows are minimised.

END OF CONDITIONS FOR SCHEDULE 2.G

SCHEDULE 2.H - MONITORING AND REPORTING

Monitoring of Contaminant Releases to Waters

(2.H1) The holder of this environmental authority is responsible for the making of determinations and keeping of records of the quality of the contaminants released from Release Point W1 for the quality characteristics and at the frequency specified in Schedule 2.H - Table 1.

Sampling Point Details

(2.H2) Determinations of the quality of contaminants released to waters to check conformity with the release quality characteristics specified in Table 1 of Schedule 2.C of this environmental authority must be undertaken on samples collected from the outfall sampling point.

Schedule 2.H - Table 1

QUALITY CHARACTERISTIC DETERMINATION	FREQUENCY
5-day Biochemical Oxygen Demand	quarterly
Suspended Solids	quarterly
Faecal Coliforms (Organisms/100 ml)	quarterly
pH	quarterly
Specific Conductance	quarterly
Dissolved Oxygen	quarterly
nperature - Celsius degrees	quarterly
Total Phosphate	quarterly
Ammonia Nitrogen	quarterly
Total Nitrogen	quarterly

Monitoring of Volume of Release

(2.H3) The daily quantity of contaminants released must be determined by the use of a flowmeter. Any works required to achieve compliance with this condition must be completed by 31 December 1998.

(2.H4) Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters.

END OF CONDITIONS FOR SCHEDULE 2.H

SCHEDULE 2.I - DEFINITIONS

(2.I1) "licensed place" in this part of this environmental authority means the Lockhart River Sewage Treatment Plant on Lot 16, WMT42, Parish of Lloyd, County of Weymouth and located at 600 metres east of township, Lockhart River Qld 4871 and includes any pump stations, reticulation systems and other ancillary works associated with the plant.

(2.I2) "dry weather day" refers to a day during which no rain falls within the catchment of the sewage treatment plant from the commencement of measurement for that day. The term also excludes days during which measurement is made which occur within three (3) days following cumulative rainfall of 100 mm over the three (3) preceding days.

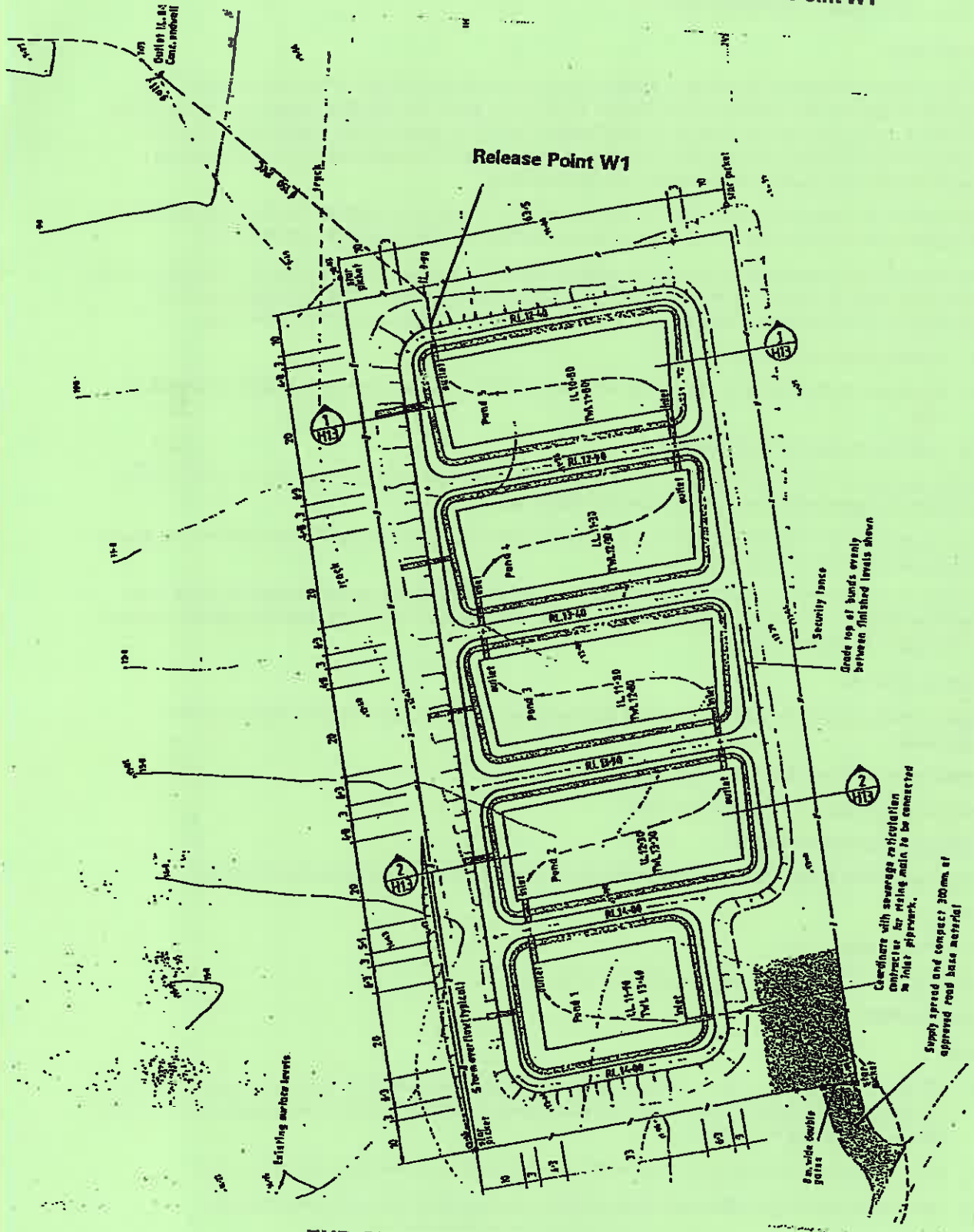
(2.I3) "wet weather day" refers to any day other than a dry weather day.

(2.I4) "ADWF" means average dry weather flow.

END OF CONDITIONS FOR SCHEDULE 2.I

SCHEDULE 2.J - SITE PLAN

(2.J1) **Lockhart River Sewage Treatment Plant - Location of Release Point W1**



END OF CONDITIONS FOR SCHEDULE 2.J

END OF PART 2

PART 3 - LOCKHART RIVER REFUSE TIP

SCHEDULE 3.A - GENERAL CONDITIONS

Site Development Plan

(3.A1) The holder of this environmental authority must prepare and submit to the administering authority Site Development Plans for the Lockhart River Refuse Tip to cover each five (5) year period from the date this environmental authority is issued or until a Post Closure Care Plan has been implemented. Each Site Development Plan must be finalised and submitted at least three (3) months before the expiry of the previous plan and must include details of at least the following:

(a) the location and accurate dimensions of any designated areas to be used for the disposal and storage of waste at the licensed place over the period covered by the Site Development Plan; and

(b) any area of the licensed place where precautions are taken in respect of disposal of a particular waste must be marked on the Site Development Plan as soon as practicable after the waste has been disposed of. The following information also needs to be recorded in respect of that waste:

(i) a description of the waste; and

(ii) the accurate location and depth and dimensions of the area in which this waste was disposed; and

(iii) date the waste was deposited; and

(c) where applicable, accurate location of any leachate storage tank, dam or pond, pump well, collection and disposal system installed on the licensed place; and

(d) location of any stormwater drains or diversion embankments to be constructed to achieve compliance with this environmental authority; and

(e) location of any area to be capped, the proposed final surface levels and contours, and the final drainage system as part of a rehabilitation program for the licensed place over the period covered by this Site Development Plan.

Waste Acceptance Criteria

(3.A2) This environmental authority permits only the following wastes to be received for disposal at the licensed place:

(a) construction wastes and demolition waste;

(b) asbestos sheeting or asbestos products;

(c) untreated infectious wastes;

(d) minor quantities of regulated wastes incidental to and commingled with domestic refuse;

(e) tyres;

(f) solid inert waste;

(g) putrescible wastes and domestic garbage; and

(h) green wastes.

Note:

(i) drums containing any residual regulated wastes are themselves a regulated waste and must not be received for disposal at the licensed place unless they have been steam cleaned, triple rinsed or thoroughly cleaned.

(ii) batteries, waste oil and tyres may be temporarily stored on the licensed place; and

(iii) car bodies and recyclable solid inert wastes may be stored on the licensed place.

Wastes Prohibited for Disposal

(3.A3) Notwithstanding condition number (3.A2), the following wastes must not be disposed of on the licensed place:

(a) pyrophoric wastes (where co-disposed with other potentially combustible material); or

(b) pharmaceutical wastes, human body parts, pathogenic wastes and cytotoxic wastes; or

(c) explosives and ammunition, pyrotechnics or propellants, apart from trace residues no longer capable of supporting combustion or an explosive reaction; or

(d) liquescent waste streams or any waste capable of yielding free liquids; or

(e) regulated wastes other than those specified under condition number (3.A2).

Supervision

(3.A4) The holder of this environmental authority must ensure that the licensed place is inspected as often as is necessary so as to ensure compliance with this environmental authority, but in any case not less frequently than once per week.

END OF CONDITIONS FOR SCHEDULE 3.A

SCHEDULE 3.B - AIR

Odour Generation

(3.B1) In the event of a complaint being made to the holder of this environmental authority about noxious or offensive odour generated on the licensed place, measures must be taken to minimise the release of the odour beyond the boundaries of the licensed place.

Dust Generation

(3.B2) In the event of a complaint being made to the holder of the environmental authority about dust generated on the licensed place that constitutes annoyance, measures must be taken to minimise the release of dust from the licensed place.

Dust Control

(3.B3) Any stockpiles of inert cover material must be managed so as to minimise wind blown dust emissions.

(3.B4) The holder of this environmental authority must ensure that all wastes accepted onto the licensed place are handled, disposed of or stockpiled in such a way as to minimise dust generation.

END OF CONDITIONS FOR SCHEDULE 3.B

SCHEDULE 3.C - WATER

(3.C1) The holder of this environmental authority must not either directly or indirectly release any leachate generated on the licensed place to any land beyond the boundary of the licensed place or to any stormwater drain or waters.

END OF CONDITIONS FOR SCHEDULE 3.C

SCHEDULE 3.D - STORMWATER MANAGEMENT

Stormwater Diversion

(3.D1) A system of suitable diversion drains or embankments must be constructed and maintained to divert surface waters away from any area of the licensed place where contact with wastes or contaminants may occur. Particular attention must be paid to:

(a) any active waste disposal area;

(b) any designated infectious waste emergency disposal trench;

(c) any waste storage areas;

(d) any area previously used for waste disposal; and

(e) any leachate collection ponds (if applicable).

END OF CONDITIONS FOR SCHEDULE 3.D

SCHEDULE 3.E - LAND APPLICATION

(3.E1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE 3.E

SCHEDULE 3.F - NOISE

(3.F1) Nil conditions.

END OF CONDITIONS OF SCHEDULE 3.F

SCHEDULE 3.G - WASTE MANAGEMENT

Compliance with Site Development Plan

(3.G1) The holder of this environmental authority must ensure waste disposal activities are carried out in accordance with the Site Development Plan required under condition number (3.A1) of this environmental authority.

Soil Permeability

(3.G2) Any future waste disposal area, leachate storage pond and above ground embankment on the licensed place must be constructed to a standard which effectively minimises the release of leachate through the base and embankments.

Note: For the purposes of this condition "minimises" means the base or embankments must be constructed in such a way or with material which can achieve a maximum in situ hydraulic conductivity of no greater than 1×10^{-9} metres per second.

Removal of Cover Material

(3.G3) Where waste is to be disposed of above an area previously used for waste disposal, existing cover material must be ripped or removed so as to allow leachate and contaminated stormwater to percolate through the wastes deposited below.

Access to Active Waste Disposal Area

(3.G4) The holder of this environmental authority must ensure any waste disposal area constructed on the licensed place is constructed with ramps to allow plant and machinery access to the active waste disposal area, so that wastes can be effectively consolidated, compacted and covered.

Construction of Embankments

(3.G5) The perimeter embankments of any disposal area or leachate storage pond installed on the licensed place must be maintained so as to ensure the stability and integrity of their construction.

Leachate Management

(3.G6) The holder of this environmental authority must ensure that all reasonable and practical measures are taken to ensure all active waste disposal area are operated and managed so as to minimise the generation of leachate.

Leachate Collection System

(3.G7) The holder of this environmental authority must ensure that any leachate or contaminated stormwater collected in the base of any active waste disposal area is intercepted and:

(a) conveyed to a leachate storage tank, dam or pond, or

(b) disposed of in accordance with condition number (3.G10).

Leachate Storage Ponds or Dams

(3.G8) The holder of this environmental authority must ensure any leachate storage pond or dam installed on the licensed place is :

(a) located in an unshaded area; and

(b) constructed so as to promote evaporation of leachate and contaminated stormwater; and

(c) constructed and managed so that a freeboard capable of preventing overspill is maintained at all times.

Leachate Storage Tank

(3.G9) The holder of this environmental authority must ensure any leachate storage tank installed on the licensed place is constructed so as to be leak proof and managed so that a freeboard capable of preventing overspill is maintained at all times.

Leachate Disposal

(3.G10) The holder of this environmental authority may only dispose of leachate or contaminated stormwater generated on the licensed place:

(a) by evaporation on the licensed place; or

(b) by recirculation back into the areas of the licensed place where waste disposal is taking place; or

(c) by irrigation over exposed wastes on the licensed place.

(3.G11) Leachate must not be disposed of on any area of the licensed place that has received its final cover of topsoil or on any revegetated areas unless the quality of the leachate is such that it will not cause any environmental harm through soil contamination or damage to vegetation.

Active Waste Disposal Area Management

(3.G12) The holder of this environmental authority must ensure that waste disposal activities do not extend beyond the boundary of the licensed place.

(3.G13) The holder of this environmental authority must take effective measures to ensure that all wastes received for disposal at the licensed place are not disposed of:

(a) beyond any active waste disposal area or in the case of untreated infectious wastes beyond any designated emergency disposal trench for such wastes;

(b) into waters or leachate collected at the base of any active waste disposal area or in the case of untreated infectious wastes, at the base of any designated emergency disposal trench for such wastes; and

(c) beyond the catchment of any leachate collection drains installed as part of a leachate collection system.

(3.G14) Notwithstanding condition number (3.G13) untreated infectious wastes may only be disposed of:

(a) in a trench designated for the purpose of emergency disposal of untreated infectious wastes; and

(b) not deposited with other wastes received under this environment authority for disposal at the licensed place.

(3.G15) All large metal articles received for disposal must be effectively compacted before being deposited at the base of any active waste disposal trench.

Availability of Cover Material

(3.G16) The holder of this environmental authority must ensure that a stockpile of cover material in sufficient quantities to cover waste disposed on the licensed place over any one (1) week period is readily accessible at all times.

Covering of Wastes

(3.G17) Wastes deposited in any active waste disposal area must be effectively consolidated, compacted and covered with a layer of inert earthen material or other non-combustible, inert material to prevent exposure of covered wastes as often as is necessary to:

(a) prevent the access of flies, rodents, or other animals to covered wastes;

(b) minimise the propagation of odours from deposited wastes; and

(c) minimise the generation of windblown litter; and

(d) reduce the risk of fire; and

(e) ensure compliance with the conditions of this environmental authority, but in any case not less frequently than once per week.

Mechanical Plant

(3.G18) Mechanical plant capable of ensuring compliance with this environmental authority must be used to carry out any consolidation, compaction and covering of wastes deposited in any active waste disposal area (other than the designated infectious waste disposal trench).

Tyre Storage

(3.G19) Waste tyres may be stored in temporary above ground heaps on the licensed place provided that there are no more than 500 waste tyres at any time in any one heap.

(3.G20) Where there is more than one heap of waste tyres, a separation distance between the heaps or other methods must be established and maintained so as to effectively prevent fire from spreading:

(a) from one tyre storage heap to another; and

(b) to other waste stored or disposed of at the licensed place.

Battery Storage

(3.G21) Used wet cell (lead acid) batteries may only be temporarily stored on the licensed place in:

(a) the area designated for this purpose; and

(b) a covered enclosure which has been bunded to contain spillages and leakages.

Oil Storage

(3.G22) Waste oil may be temporarily stored in tanks, drums or other containers at the licensed place, provided that the tanks, drums or containers:

(a) are stored in the area designated for this purpose; and

(b) are bunded to contain spillages and leakages; and

(c) are securely sealed when full to prevent rainwater entry and spillage (if knocked over); and

(d) have a filling mechanism which prevents rainwater entry.

Disposal of Asbestos Wastes

(3.G23) Any asbestos wastes disposed of in a designated waste disposal trench must be not less than two (2) metres below the surface level of the trench and, where applicable, not less than two (2) metres in from any perimeter embankment.

(3.G24) All asbestos wastes disposed of in any designated waste disposal trench must be covered as soon as practicable after disposal has taken place.

Disposal of Infectious Wastes

(3.G25) Untreated infectious wastes must be disposed of under supervised burial.

(3.G26) All untreated infectious wastes received at the waste disposal facility must be disposed of so that on completion such wastes are not less than two (2) metres below the surface level of the designated disposal trench and, where applicable, not less than two (2) metres in from any perimeter embankment.

(3.G27) Untreated Infectious wastes disposed of in any designated infectious waste disposal trench must be covered with a layer of inert earthen material or other non combustible inert material to a minimum depth of 300 mm so as to prevent access of flies, rodents, or other animals to these wastes as soon as practicable after disposal has taken place.

Access Roads

(3.G28) The holder of this environmental authority must ensure all weather access roads are constructed and maintained so that at all times whilst the licensed place is open for receiving wastes, vehicles have access to any active waste disposal area.

Signs

(3.G29) The holder of this environmental authority must cause signs, maintained in good repair and giving the following information, to be erected at the entrance to the licensed place and/or in prominent locations on the licensed place:

(a) the wastes permitted to be received at the licensed place;

(b) prohibition of the lighting of unauthorised fires on the licensed place;

(c) prohibiting unauthorised access to any area designated for the emergency disposal of untreated infectious wastes; and

(d) directing traffic to the location of the active waste disposal area.

Fencing

(3.G30) Fences and barriers must be erected and maintained at the licensed place so as to prevent stock access to any active waste disposal area.

(3.G31) Fences and lockable access gates must be erected and maintained around the perimeter of any trench designated for the emergency disposal of untreated infectious wastes so as to prevent unauthorised access to this trench.

(3.G32) All lockable access gates installed to prevent unauthorised access to the designated untreated infectious waste emergency disposal trench must be maintained in a locked condition on any occasion the area is unattended by a person authorised by the holder of this environmental authority.

Litter Control

(3.G33) Where necessary, relocatable litter screens or other methods of litter control must be provided at the active disposal area in order to effectively capture paper or other wind blown litter generated by waste disposal activities on the licensed place.

(3.G34) The holder of this environmental authority must ensure litter is collected so as to ensure that the licensed place, all fences, litter screens and the surrounds of the licensed place are kept in a tidy condition.

Public Health Issues

(3.G35) The holder of this environmental authority must make provision to ensure that the operation of the waste disposal facility does not create a public health problem. The holder of the environmental authority must carry out any works required by the administering authority to prevent or abate any public health problem or nuisance which may arise as a result of the operation of the licensed place.

(3.G36) The holder of the environmental authority must take all practical measures to ensure that the environmentally relevant activity is conducted at all times in a nuisance free manner, particularly regarding fly breeding, mosquito breeding and rat harbourage and breeding.

Fire Control

(3.G37) The holder of this environmental authority must ensure a fire break is maintained around any active waste disposal area so as to prevent the spread of fire to adjoining land.

(3.G38) In the event of any fire occurring at the licensed place the holder of this environmental authority must extinguish the fire, as soon as it is safe to do so.

Final Cover

(3.G39) Any completed waste disposal area or designated emergency disposal trench for untreated infectious waste must be capped with low permeability material and compacted so as to effectively minimise infiltration of stormwater.

(3.G40) Soils or other materials used to construct the capping of any completed waste disposal area or designated emergency disposal trench for untreated infectious waste must achieve an in situ permeability of 1×10^{-8} metres per second.

(3.G41) Any completed and capped waste disposal area or designated emergency disposal trench for untreated infectious waste must be progressively covered with clean earth to a depth of at least 250 millimetres capable of supporting shallow rooted vegetation. A thicker top soil layer may be necessary to support deeper rooted vegetation and also to prevent root penetration of the cap.

(3.G42) The final surface of any completed disposal area of the licensed place must, after covering as specified in condition number (3.G41) be graded, drained and vegetated so as to:

(a) minimise erosion;

(b) divert clean stormwater away from the completed disposal area; and

(c) prevent ponding of stormwater.

(3.G43) In the areas awaiting rehabilitation or those in the process of being rehabilitated, vehicle access must be restricted by suitable barriers to prevent surface disturbance.

Closure and Post Closure Care Plan

(3.G44) The holder of this environmental authority must develop a Closure and Post Closure Care Plan for the waste disposal facility which extends for a nominal period of thirty (30) years after cessation of waste disposal activities and continues in effect until it can be demonstrated to the administering authority that the area used for waste disposal will not release contaminants to the environment.

(3.G45) The Closure and Post Closure Care Plan must include, but not necessarily be limited to the following:

(a) proposed after use of any area used for waste disposal;

(b) maintenance of stormwater diversion away from any area previously used for waste disposal; and

(c) maintenance of any capping material used as final cover on any trench used for waste disposal.

(3.G46) At least six (6) months before the cessation of waste disposal activities at the waste disposal facility the holder of this environmental authority must submit the Closure and Post Care Plan to the administering authority for review and comment.

END OF CONDITIONS FOR SCHEDULE 3.G

SCHEDULE 3.H - MONITORING AND REPORTING

(3.H1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE 3.H

SCHEDULE 3.I - DEFINITIONS

For the purposes of this environmental authority the following definitions apply:

(3.I1) "licensed place" in this part of this environmental authority means the Lockhart River Tip, Lot 16, WMT42, Parish of Lloyd, County of Weymouth, located 1.3 kilometres west of township, Lockhart River QLD 4871.

(3.I2) "active waste disposal area " means any area or trench currently being used for the disposal of wastes accepted under a condition of this environmental authority and includes all or part of a disposal trench.

END OF CONDITIONS FOR SCHEDULE 3.I

END OF PART 3

END OF INTEGRATED AUTHORITY

ecoaccess
environmental licences and permits

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Section Insert 3.5.15 *Integrated Planning Act 1997*

EPA Permit[1] number: IPDE01257508

EPA Permit[1] number:	IPDE01257508
Assessment Manager reference:	as above
Date application received by EPA:	21-AUG-2008
Permit[1] Type:	Development Approval for a MCU involving an ERA
Date of Decision:	22-JAN-2008
Decision:	Approved with conditions
Relevant Laws and Policies:	*Environmental Protection Act 1994* and any subordinate legislation

Development Description

Property	Lot/Plan	Aspect of Development
Lockhart River Landfill	Lot 16 Plan SP104551	ERA 60(2b) Waste disposal facility - operating a facility for disposing of, in a year, more than 2000t but less than 5000t of waste consisting of any, or any combination, of the following – i) general waste; ii) a quantity of limited regulated waste that is no more than 10% of the total amount of waste received at the facility in a year iii) if the facility is in a scheduled area – no more than 5t of untreated clinical waste

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

[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

Environmental Protection Agency
www.epa.qld.gov.au ABN 87 221 158 786

Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

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.

Rob Little
Delegate
Environmental Protection Agency
22-JAN-2009

CONDITIONS OF APPROVAL

Condition for:

ERA 60 (2) (b) Waste disposal facility - operating a facility for disposing of, in a year, 50t or more of waste consisting of any, or any combination, of the following –
i) general waste;
ii) a quantity of limited regulated waste that is no more than 10% of the total amount of waste received at the facility in a year.
iii) if the facility is in a scheduled area – no more than 5t of untreated clinical waste

Agency Interest: General

A1G1 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.

A1G2 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

A1G3 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.

A1G4 The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.

A1G5 Records.

Record, compile and keep all monitoring results required by this approval and present this information

to the administering authority when requested.

A1G6 All records required by this approval must be kept for 5 years.

A1G7 Waste Records

A record of all regulated waste [eg. asbestos, sewage sludge, septage, pump station screenings] must be kept detailing the following information:

a) date of pickup of waste;
b) description of waste;
c) quantity of waste.
d) origin of the waste; and
e) destination of the waste.

Note. Trackable wastes as listed in Schedule 1 of the Environmental Protection (Waste Management) Regulation 2000 are not covered by this condition. Trackable wastes have similar recording requirements to this condition in accordance with a waste tracking system established under the above Regulation.

A1G8 Closure And Post-Closure Care.

When the deposition of waste to the landfill unit ceases, a final cover system to the landfill unit must be installed which minimises:

a) infiltration of water into the landfill unit;
b) the likelihood of any erosion occurring to either the final cover system or the landfilled materials; and
c) uncontrolled release of landfill gas.

A1G9 Post-closure care of the landfill unit must be conducted following deposition of waste in the landfill unit, for:

a) a period of 30 years; or
b) such shorter period until the landfill unit and surrounding site are geotechnically stable and that no release of waste materials, leachate, landfill gas or other contaminants to the environment is likely.

A1G10 A site management plan pursuant to Chapter 7, Part 8, Division 5 of the Environmental Protection Act 1994 must be developed and provided to the administering authority at least 12 months before the expected final receipt of waste in the landfill unit. The site management plan must include, but is not to be limited to, the future land use and actions you intend to take for compliance with the closure and post-closure care requirements of this approval.

A1G11 Security.

Measures must be taken to prevent unauthorised access to the site to which this approval relates

A1G12 An effective fire break must be provided and maintained.

A1G13 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.

A1G14 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 [A1G14]:

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.

A1G15 Investigation Into Alternative Waste Management Practices.

For the purpose of minimising the disposal of recyclable waste to landfill, in accordance with the waste management hierarchy and principles of the Environmental Protection (Waste Management) Policy 2000, you must implement a Waste Management Plan that addresses at least the following matters.

a) waste management practices that will ensure that recyclables are diverted from landfill;
b) procedures for identifying and implementing opportunities to improve the waste management practices employed including information and education packages for waste generators to assist in maximising the diversion of recyclable materials from landfill;
c) details of any accredited management system employed, or planned to be employed, to implement the waste management practices;
d) training programs and guidance for waste transport contractors in the identification and source separation of recyclable materials;
e) procedures for auditing waste loads to identify material to be removed for recycling;
f) how often the performance of the waste management practices will be assessed (at least annually);
g) the indicators or other criteria, taking into account economic, social and environmental factors on which the performance of the waste management practices will be assessed;
h) the recovery of energy from any methane collected in a landfill gas collection system; and
i) annual reporting by 31 August each year any new measures adopted or materials newly diverted from landfill disposal.

NOTE: The development of the local government's waste management strategic plan in accordance with the Environmental Protection (Waste Management) Policy 2000 which addresses the above matters will be deemed to satisfy the requirements of this condition.

A1G16 Spill Kit.

An appropriate spill kit, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the ERA must be kept at the site, and in each vehicle used if the activity is a mobile ERA

A1G17 Spill Kit Training.

Anyone operating under this approval must be trained in the use of the spill kit.

Agency Interest: Air

A1A1 Dust Nuisance.

The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.

A1A2 Dust and particulate matter must not exceed the following levels when measured at any nuisance sensitive or commercial place:

a) Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 of 2003 (or more recent editions); OR
b) 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 a nuisance sensitive or commercial place downwind of the site, when monitored in accordance with
   - Australian Standard AS 3580 9.6 of 2003 (or more recent editions) '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.

A1A3 When requested by the administering authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. Monitoring must be carried out at a place(s) relevant to the potentially affected dust sensitive place and at upwind control sites and must include:
a) for a complaint alleging dust nuisance, dust deposition; and
b) for a complaint alleging adverse health effects caused by dust, the concentration per cubic metre of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere over a 24hr averaging time.

A1A4 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

A1L1 Preventing Contaminant Release To Land.

Contaminants must not be released to land.

A1L2 Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm.
NOTE. All petroleum product storage's must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.

Agency Interest: Noise

A1N1 Noise Nuisance.

Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.

A1N2 Noise Monitoring.

When requested by the administering authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority Monitoring must include:
- LA 10, adj, 10 mins
- LA 1, adj, 10 mins
- the level and frequency of occurrence of impulsive or tonal noise;
- atmospheric conditions including wind speed and direction;
- effects due to extraneous factors such as traffic noise; and
- location, date and time of recording.

A1N3 The method of measurement and reporting of noise levels must comply with the latest edition of the Environmental Protection Agency's Noise Measurement Manual

A1N4 All noise from activities must not exceed the levels specified in Table 1 - Noise limits at any nuisance sensitive or commercial place

Agency Interest: Social

A1S1 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

A1W1 Waste Records

Records of the source, volumes and composition of all waste materials accepted at the landfill facility, recyclable materials recovered, fate of recyclable materials (e.g. transported off site for reuse / recycling, reused / recycled on site or stored on site), calculated percentage diversion rates for the materials must be kept and maintained and reported, in a specified format, to the administering authority by 31 August each year.

Note: The submission of these values in an annual report for the local government's waste management strategic plan or otherwise required by the administering authority will be deemed to satisfy the reporting requirement of this condition.

A1W3 Waste Acceptance.

Notwithstanding any condition of this approval, the following waste materials are not permitted or allowed to be deposited in the landfill unit.

a) liquid or semiliquid waste other than liquid or semiliquid waste which has been produced in carrying out the ERA;
b) hot ash,
c) material that is smouldering or aflame;
d) material containing a substance which is ignitable, corrosive, reactive or toxic (other than materials containing a toxic substance from domestic premises) unless this material is to be deposited into a dedicated monocell approved in writing by the administering authority;
e) all radioactive wastes, unless otherwise approved under the Radiation Safety Act 1999 or contaminated soil
f) an explosive;
g) ammunition, other than ammunition that no longer contains explosives, pyrotechnics or propellants apart from trace residues that are no longer capable of supporting combustion or an explosive reaction; and
h) whole scrap tyres at the rate exceeding 10,000 equivalent passenger-tyre units (EPU) per annum.

A1W2 Special Burial.

All waste that is likely to cause environmental harm when placed in an exposed position must be handled and disposed of as a special burial.

Agency Interest: Water

A1WA1 Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.

A1WA2 The size of any sedimentation dam must be sufficient to contain the run-off expected from a 24 hour storm with an average recurrence interval of 1 in 5 years.

A1WA3 Release To Waters.

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

A1WA4 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.

A1WA5 Pond Conditions.

All ponds used for the storage or treatment of contaminants, sewage or wastes at or on the authorised place must be constructed, installed and maintained:

a) so as to minimise the likelihood of any release of effluent through the bed or banks of the pond to any waters (including ground water);
b) so that a freeboard of not less than 0.50 metres is maintained at all times, except in emergencies; and
c) so as to ensure the stability of the ponds' construction.

A1WA6 Suitable banks and/or diversion drains must be installed and maintained to exclude stormwater runoff from entering any ponds or other structures used for the storage or treatment of contaminants or wastes.

A1WA7 Contaminant Releases To Groundwaters.

The release of contaminants to groundwaters must not cause environmental harm.

A1WA8 Prohibition Of Use Of Certain Materials For Dust Suppression.

The following materials must not be used for dust suppression purposes:

- used oil: and
- landfill gas condensate, and
- any other material such as leachate or stormwater contaminated by contact with wastes,

when the use of the said material causes or is likely to cause unlawful environmental harm.

DEFINITIONS

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

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

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

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

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

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

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

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

"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*.

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

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

- is clearly audible to, or can be felt by, an individual; and
- annoys the individual.

In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to Australian Standard 1055.2 – 1997 Acoustics – Description and Measurement of Environmental Noise Part 2 – Application to Specific Situations.

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

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

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

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

"mg/L" means milligrams per litre.

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

"NTU" means nephelometric turbidity units.

"nuisance sensitive place" includes –

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

"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.

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

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

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

"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 - Noise limits

Noise level dB(A) measured as	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm - 10pm	10pm - 7am	9am - 6pm	6pm - 10pm	10pm - 9am
	Noise measured at a 'Noise sensitive place'					
$L_{A10, adj, 10 mins}$	45	40	30	45	40	30
$L_{A1, adj, 10 mins}$	50	45	35	50	45	35
	Noise measured at a 'Commercial place'					
$L_{A10, adj, 10 mins}$	50	45	35	50	45	35
$L_{A1, adj, 10 mins}$	55	50	40	55	50	40