

Environmental Protection Act 1994

Licence No. CR0061

Section 45(1)

Under the provisions of the *Environmental Protection Act 1994* this environmental authority is issued:

To: GREAT! KEPPEL ISLAND RESORT PTY LIMITED
T/A GREAT KEPPEL ISLAND RESORT

Address: PMB 8001
NORTH ROCKHAMPTON QLD 4701

in respect of carrying out the environmentally relevant activity/ies at the following place(s):

15(b) Sewage treatment - operating a standard sewage treatment works having a peak design capacity to treat sewage of 100 or more equivalent persons but less than 1 500 equivalent persons

at premises described as:

Lot 46, Plan LN2763
County of Livingstone, Parish of Keppel

Located at:

Great Keppel Island

This environmental authority is issued subject to the conditions set out in the schedules attached to this environmental authority.

The amendment to this licence takes effect from **15 July 1998**. The original licence took effect from **13 May 1998**.

Nigel Holmes
Regional Manager (Environment) Central Coast
Delegate of Administering Authority
Environmental Protection Act 1994

Licence No.
CR0061

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Section 45(1)

This environmental authority consists of the following schedules:-

SCHEDULE A - GENERAL CONDITIONS

SCHEDULE B - AIR

SCHEDULE C - WATER

SCHEDULE D - STORMWATER MANAGEMENT

SCHEDULE E - LAND APPLICATION

SCHEDULE F - NOISE

SCHEDULE G - WASTE MANAGEMENT

SCHEDULE H - MONITORING AND REPORTING

SCHEDULE I - DEFINITIONS

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SCHEDULE A - GENERAL CONDITIONS

Access to Copy of Environmental Authority

- (A1) A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
- (A2) Any record or document required to be kept by a condition of this environmental authority must be kept at the licensed place for a period of at least five 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

- (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

- (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.
- (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.

Competency

- (A6) The holder of this environmental authority shall ensure that the operation and maintenance of the licensed place is carried out by or under the supervision of a person competent to operate and maintain the sewage treatment plant.

END OF CONDITIONS FOR SCHEDULE A

SCHEDULE B - AIR

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No conditions.

END OF CONDITIONS FOR SCHEDULE B

SCHEDULE C - WATER

Release of Contaminants to Waters

- (C1) Contaminants must not be directly or indirectly released from the licensed place to any waters or the bed and banks of any waters except as permitted under this schedule or the Stormwater Management Schedule.
- (C2) Contaminants may only be released from the licensed place to any waters when weather or soil conditions preclude the application of contaminants to land designated in Schedule E.
- (C3) The only contaminants permitted to be released from the licensed place at the release point described as between the northern end of Putney Beach and Half Tide Rocks is a sewage treatment effluent.

Release Point Details

- (C4) The release point must be submerged at all times.
- (C5) All contaminants from release point must be released through a suitable diffuser to achieve a minimum initial dilution of 50 to 1.

Quantity of Contaminants Released

- (C6) The total quantity of contaminants released from release point during any dry weather day must not exceed 250 cubic metres, and during a wet weather day must not exceed 500 cubic meters.

Quality Characteristics of Release to Waters

- (C7) The release of contaminants to waters must comply, at the sampling and in situ monitoring point/s specified in Schedule H, with each of the limits specified in schedule C Table 1 for each quality characteristic.

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Pump Stations

- (C8) The only pump stations permitted to release contaminants to any waters are those listed below at the corresponding overflow locations:

Pump Station No. 1	near Reception
Pump Station No. 2	grassed area adjacent to peanut pool
Pump Station No. 3	near Supervisors quarters

- (C9) 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.

SCHEDULE C TABLE 1 - RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE LIMIT	LIMIT TYPE
5-day Biochemical Oxygen Demand. (mg/l)	20	Maximum
5-day Biochemical Oxygen Demand. (mg/l)	5	90 percentile
Suspended Solids. (mg/l)	30	Maximum
Suspended Solids. (mg/l)	5	90 percentile
pH. (pH Units)	6.5 - 8.5	Range
Dissolved Oxygen. (mg/l)	2	Minimum
Ammonia Nitrogen. (mg/l)	1	Maximum
Total Phosphorus as P. (mg/l)	7	Maximum
Total Phosphorus as P. (mg/l)	4	90 percentile
Free Residual Chlorine. (mg/l)	0.3 - 0.7	Range

END OF CONDITIONS FOR SCHEDULE C

SCHEDULE D - STORMWATER MANAGEMENT

- (D1) Except as provided by the conditions of the Stormwater Management Schedule and the Water Schedule of this environmental authority, the environmentally relevant activities must be carried out by such practicable means necessary to prevent or minimise the contact of incident rainfall and stormwater runoff with wastes or other contaminants, and prevent or minimise the release or likelihood of release of any such contaminated runoff from the licensed place.

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Stormwater Management Plan

- (D2) By 1 July 1998 the holder of this environmental authority must develop and implement an effective and appropriate Stormwater Management Plan which details how the holder of this environmental authority will manage the actual and potential environmental impacts resulting from the contamination of stormwater at the licensed places.
- (D3) The Stormwater Management Plan must address at least the following matters:
- (i) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants;
 - (ii) diversion of upstream runoff away from areas containing wastes or contaminants;
 - (iii) minimisation of the size of contaminated areas;
 - (iv) cleaning of contaminated areas without water;
 - (vi) paving and roofing of contaminated areas.
- (D4) A copy of the Stormwater Management Plan and any subsequent amendment must be kept at the licensed place and be available for examination by an authorised person on request.

END OF CONDITIONS FOR SCHEDULE D

SCHEDULE E- LAND APPLICATION

Release of Contaminants to Land

- pop-ups
04/17*
- (E1) The defined contaminant release area is described as golf course, gardens in front of resort villas and gardens as marked on McWilliams Consulting Engineers Job No. 95039 Plan C2, Great Keppel Island Infrastructure Upgrade, Proposed Effluent Re-use Scheme.
- (E2) A minimum of 4.8 hectares of land must be provided for the contaminant release area.
- (E3) The contaminant disposal area must be maintained in a proper and efficient condition so as to provide adequate assimilation, percolation, evaporation and transpiration of the released contaminants.
- (E4) Spray from any release of contaminants to land must not drift beyond the boundaries of the licensed place.
- (E5) Notices warning the public not to use or drink the release of contaminants to land must be prominently displayed and must be maintained in a visible and legible condition.

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- (E6) Pipelines and fittings for the release of contaminants to land must be clearly identified. Standard water taps, hoses and cocks must not be fitted to contaminant release pipelines, and the contaminant release system must not be connected to other service pipelines. Lockable valves or removable handles must be fitted to the contaminant disposal areas.

Quality of Contaminants Released to Land

- (E7) The contaminant release must comply, at the sampling and in-situ measurement point/s with each of the release limits specified in schedule E Table 1 for each quality characteristic.

Wet Weather Conditions

- (E8) When weather conditions or soil conditions preclude the release of contaminants, the contaminants must not be released.

SCHEDULE E TABLE 1 - RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE LIMIT	LIMIT TYPE
5-day Biochemical Oxygen Demand. (mg/l)	20	maximum
Suspended Solids. (mg/l)	30	maximum
pH.	6.5 - 8.0	range
Faecal Coliforms.(Organisms/100 ml)	10	maximum

END OF CONDITIONS FOR SCHEDULE E

SCHEDULE F - NOISE

No conditions.

END OF CONDITIONS FOR SCHEDULE F

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SCHEDULE G - WASTE MANAGEMENT

General

- (G1) The holder of this environmental authority must not:
- (i) allow waste to burn or be burned at or on the licensed place; nor
 - (ii) remove waste from the licensed place and burn such waste elsewhere.

END OF CONDITIONS FOR SCHEDULE G

SCHEDULE H - MONITORING AND REPORTING

Complaint Recording

- (H1) All complaints received by the holder of this environmental authority relating to releases of contaminants from operations at the licensed place must be recorded and kept with the following details:
- (a) time, date and nature of complaint;
 - (b) type of communication (telephone, letter, personal etc.);
 - (c) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then "Not identified" is to be recorded);
 - (d) response and investigation undertaken as a result of the complaint;
 - (e) name of person responsible for investigating complaint; and
 - (f) action taken as a result of the complaint investigation and signature of responsible person.

Monitoring of Contaminant Releases

- (H2) The holder of this environmental authority is responsible for the making of determinations and keeping of records of the quality of the contaminants released for the quality characteristics, and at the frequency specified in Schedule H Table 2.

Sampling and Monitoring Point Details

- (H3) Determinations of the quality of released contaminants to check conformity with the release quality characteristics specified in the Water Schedule and Land Application Schedule of this environmental authority must be undertaken at the sampling and in situ monitoring point described as:

Sampling & Monitoring Point (S&MP) - the outlet pipe from the sewage treatment plant's effluent tank.

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Monitoring of Volume of Release

- (H4) The daily quantity of contaminants released must be determined by taking measurements from the meter at the outlet from the effluent tank.
- (H5) Records must be kept of the results of all determinations of the daily quantity of contaminants released to land.

Report Submission

- (H6) The holder of this environmental authority must ensure that the results of all monitoring performed in accordance with this environmental authority for the period covered by the return are submitted with the Annual Return.

Schedule H - Table 2

QUALITY CHARACTERISTIC DETERMINATION	RELEASE POINTS	FREQUENCY
5-day Biochemical Oxygen Demand.	S&MP	Weekly
Suspended Solids.	S&MP	Weekly
pH.	S&MP	Weekly
Dissolved Oxygen	S&MP	Weekly
Total Nitrogen	S&MP	Weekly
Total Phosphorus as P	S&MP	Weekly
Free Residual Chlorine	S&MP	Weekly
Faecal Coliforms. (Organisms/100 ml)	S&MP	Weekly

Incident Recording

- (H7) A record must be maintained of at least the following events:
- the time, date and duration of equipment malfunctions where the failure of the equipment resulted in the release of contaminants reasonably likely to cause environmental harm;
 - any uncontrolled release of contaminants reasonably likely to cause environmental harm and
 - any emergency involving the release of contaminants reasonably likely to cause material or serious environmental harm requiring the use of fire fighting equipment.

Notification of Emergencies and Incidents

- (H8) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, as soon as practicable after becoming aware of any emergency or incident which

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results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this environmental authority, the holder of this environmental authority must notify the administering authority of the release by telephone or facsimile.

- (H9) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, the notification of emergencies or incidents as required by condition number (H8) must include but not be limited to the following:
- (a) The holder of the environmental authority;
 - (b) the location of the emergency or incident;
 - (c) the number of the environmental authority;
 - (d) the name and telephone number of the designated contact person;
 - (e) the time of the release;
 - (f) the time the holder of the environmental authority became aware of the release;
 - (g) the suspected cause of the release;
 - (h) the environmental harm and or environmental nuisance caused, threatened, or to be caused by the release; and
 - (i) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.
- (H10) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, not more than 14 days following the initial notification of an emergency or incident, the holder of the environmental authority must provide written advice of the information supplied in accordance with condition number (H9) in addition to:
- (a) proposed actions to prevent a recurrence of the emergency or incident;
 - (b) outcomes of actions taken at the time to prevent or minimise environmental harm and or environmental nuisance.

Exception Reporting

- (H11) The holder of this environmental authority must notify the administering authority in writing within 28 days of completion of analysis of any result of a monitoring program required by a condition of this environmental authority which indicates an exceedance of any limit specified in this environmental authority.
- (H12) The written notification required by condition number (H11) above must include:
- (a) The full analysis results, and
 - (b) Details of investigation or corrective actions taken, and
 - (c) Any subsequent analysis.

END OF CONDITIONS FOR SCHEDULE H

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SCHEDULE I - DEFINITIONS

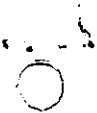
For the purposes of this environmental authority the following definitions apply:

- (11) "mg/l" means milligrams per litre.
- (12) "90th percentile" means that the measured values of the quality characteristic must not be greater than the release limit for any more than one out of five consecutive samples where the time interval between the taking of each consecutive sample is not less than three days.
- (13) "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.
- (14) "maximum" means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.
- (15) "minimum" means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.
- (16) "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.

END OF CONDITIONS FOR SCHEDULE I

END OF CONDITIONS FOR ENVIRONMENTAL AUTHORITY

COPY



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Environmental Protection Act 1994

Notice of Decision to Grant Application for Licence Amendment
Section 49

Enquiries to: Lynne Melvin
Telephone: (07) 4936 0511
Your reference:
Our reference: L-LV/09

Mr Ronald Hancock
Great! Keppel Island Resort Pty Limited
PO Box 886
BUNDABERG QLD 4670

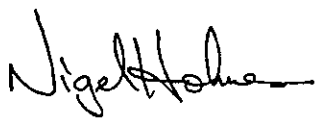
Dear Mr Chandler

Re: Application to Amend Licence No. CR0061
by Great! Keppel Island Resort Pty Limited
in respect of the carrying out of:
15(b) - Sewage treatment
at premises/place on land described as Lot 46, Plan LN2763
County of Livingstone, Parish of Keppel
located at Great Keppel Island

Your application to amend your licence No. CR0061 has been granted.

A copy of the amended licence including the schedule of conditions is attached. The amended licence takes effect from 15 July 1998, although the original effective date of 13 May 1998 still applies in relation to lodging the annual return and annual licence fees.

Information relating to a review of the decision or appeals under this Act is printed at the back of this notice.



Nigel Holmes
Regional Manager (Environment)
Delegate of Administering Authority
Environmental Protection Act
01/07/98

Environmental Protection Act 1994

Licence No. CR0061

Section 45(1)

Under the provisions of the *Environmental Protection Act 1994* this environmental authority is issued:

To: GREAT! KEPPEL ISLAND RESORT PTY LIMITED
T/A GREAT KEPPEL ISLAND RESORT

Address: PMB 8001
NORTH ROCKHAMPTON QLD 4701

in respect of carrying out the environmentally relevant activity/ies at the following place(s):

15(b) Sewage treatment - operating a standard sewage treatment works having a peak design capacity to treat sewage of 100 or more equivalent persons but less than 1 500 equivalent persons

at premises described as:

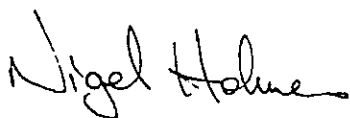
Lot 46, Plan LN2763
County of Livingstone, Parish of Keppel

Located at:

Great Keppel Island

This environmental authority is issued subject to the conditions set out in the schedules attached to this environmental authority.

The amendment to this licence takes effect from **15 July 1998**. The original licence took effect from **13 May 1998**.



Nigel Holmes
Regional Manager (Environment) Central Coast
Delegate of Administering Authority
Environmental Protection Act 1994
01/07/98

Licence No.
CR0061

Licensee
GREAT! KEPPEL ISLAND RESORT PTY LTD

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This environmental authority consists of the following schedules:-

SCHEDULE A - GENERAL CONDITIONS

SCHEDULE B - AIR

SCHEDULE C - WATER

SCHEDULE D - STORMWATER MANAGEMENT

SCHEDULE E - LAND APPLICATION

SCHEDULE F - NOISE

SCHEDULE G - WASTE MANAGEMENT

SCHEDULE H - MONITORING AND REPORTING

SCHEDULE I - DEFINITIONS

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SCHEDULE A - GENERAL CONDITIONS

Access to Copy of Environmental Authority

- (A1) A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
- (A2) Any record or document required to be kept by a condition of this environmental authority must be kept at the licensed place for a period of at least five 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

- (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

- (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.
- (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.

Competency

- (A6) The holder of this environmental authority shall ensure that the operation and maintenance of the licensed place is carried out by or under the supervision of a person competent to operate and maintain the sewage treatment plant.

END OF CONDITIONS FOR SCHEDULE A

NA

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SCHEDULE B - AIR

No conditions.

END OF CONDITIONS FOR SCHEDULE B

SCHEDULE C - WATER

Release of Contaminants to Waters

- (C1) Contaminants must not be directly or indirectly released from the licensed place to any waters or the bed and banks of any waters except as permitted under this schedule or the Stormwater Management Schedule.
- (C2) Contaminants may only be released from the licensed place to any waters when weather or soil conditions preclude the application of contaminants to land designated in Schedule E.
- (C3) The only contaminants permitted to be released from the licensed place at the release point described as between the northern end of Putney Beach and Half Tide Rocks is a sewage treatment effluent.

Release Point Details

- (C4) The release point must be submerged at all times.
- (C5) All contaminants from release point must be released through a suitable diffuser to achieve a minimum initial dilution of 50 to 1.

Quantity of Contaminants Released

- (C6) The total quantity of contaminants released from release point during any dry weather day must not exceed 250 cubic metres, and during a wet weather day must not exceed 500 cubic meters.

Quality Characteristics of Release to Waters

- (C7) The release of contaminants to waters must comply, at the sampling and in situ monitoring point/s specified in Schedule H, with each of the limits specified in schedule C Table 1 for each quality characteristic.

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Pump Stations

- (C8) The only pump stations permitted to release contaminants to any waters are those listed below at the corresponding overflow locations:

Pump Station No. 1	near Reception
Pump Station No. 2	grassed area adjacent to peanut pool
Pump Station No. 3	near Supervisors quarters

- (C9) 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.

SCHEDULE C TABLE 1 - RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE LIMIT	LIMIT TYPE
5-day Biochemical Oxygen Demand. (mg/l)	20	Maximum
5-day Biochemical Oxygen Demand. (mg/l)	5	90 percentile
Suspended Solids. (mg/l)	30	Maximum
Suspended Solids. (mg/l)	5	90 percentile
pH. (pH Units)	6.5 - 8.5	Range
Dissolved Oxygen. (mg/l)	2	Minimum
Ammonia Nitrogen. (mg/l)	1	Maximum
Total Phosphorus as P. (mg/l)	7	Maximum
Total Phosphorus as P. (mg/l)	4	90 percentile
Free Residual Chlorine. (mg/l)	0.3 - 0.7	Range

END OF CONDITIONS FOR SCHEDULE C

SCHEDULE D - STORMWATER MANAGEMENT

- (D1) Except as provided by the conditions of the Stormwater Management Schedule and the Water Schedule of this environmental authority, the environmentally relevant activities must be carried out by such practicable means necessary to prevent or minimise the contact of incident rainfall and stormwater runoff with wastes or other contaminants, and prevent or minimise the release or likelihood of release of any such contaminated runoff from the licensed place.

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Stormwater Management Plan

- (D2) By 1 July 1998 the holder of this environmental authority must develop and implement an effective and appropriate Stormwater Management Plan which details how the holder of this environmental authority will manage the actual and potential environmental impacts resulting from the contamination of stormwater at the licensed places.
- (D3) The Stormwater Management Plan must address at least the following matters:
- (i) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants;
 - (ii) diversion of upstream runoff away from areas containing wastes or contaminants;
 - (iii) minimisation of the size of contaminated areas;
 - (iv) cleaning of contaminated areas without water;
 - (vi) paving and roofing of contaminated areas.
- (D4) A copy of the Stormwater Management Plan and any subsequent amendment must be kept at the licensed place and be available for examination by an authorised person on request.

END OF CONDITIONS FOR SCHEDULE D

SCHEDULE E- LAND APPLICATION

Release of Contaminants to Land

- (E1) The defined contaminant release area is described as golf course, gardens in front of resort villas and gardens as marked on McWilliams Consulting Engineers Job No. 95039 Plan C2, Great Keppel Island Infrastructure Upgrade, Proposed Effluent Re-use Scheme.
- (E2) A minimum of 4.8 hectares of land must be provided for the contaminant release area.
- (E3) The contaminant disposal area must be maintained in a proper and efficient condition so as to provide adequate assimilation, percolation, evaporation and transpiration of the released contaminants.
- (E4) Spray from any release of contaminants to land must not drift beyond the boundaries of the licensed place.
- (E5) Notices warning the public not to use or drink the release of contaminants to land must be prominently displayed and must be maintained in a visible and legible condition.

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- (E6) Pipelines and fittings for the release of contaminants to land must be clearly identified. Standard water taps, hoses and cocks must not be fitted to contaminant release pipelines, and the contaminant release system must not be connected to other service pipelines. Lockable valves or removable handles must be fitted to the contaminant disposal areas.

Quality of Contaminants Released to Land

- (E7) The contaminant release must comply, at the sampling and in-situ measurement point/s with each of the release limits specified in schedule E Table 1 for each quality characteristic.

Wet Weather Conditions

- (E8) When weather conditions or soil conditions preclude the release of contaminants, the contaminants must not be released.

SCHEDULE E TABLE 1 - RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE LIMIT	LIMIT TYPE
5-day Biochemical Oxygen Demand. (mg/l)	20	maximum
Suspended Solids. (mg/l)	30	maximum
pH.	6.5 - 8.0	range
Faecal Coliforms.(Organisms/100 ml)	10	maximum

END OF CONDITIONS FOR SCHEDULE E

SCHEDULE F - NOISE

No conditions.

END OF CONDITIONS FOR SCHEDULE F

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SCHEDULE G - WASTE MANAGEMENT

General

- (G1) The holder of this environmental authority must not:
- (i) allow waste to burn or be burned at or on the licensed place; nor
 - (ii) remove waste from the licensed place and burn such waste elsewhere.

END OF CONDITIONS FOR SCHEDULE G

SCHEDULE H - MONITORING AND REPORTING

Complaint Recording

- (H1) All complaints received by the holder of this environmental authority relating to releases of contaminants from operations at the licensed place must be recorded and kept with the following details:
- (a) time, date and nature of complaint;
 - (b) type of communication (telephone, letter, personal etc.);
 - (c) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then "Not identified" is to be recorded);
 - (d) response and investigation undertaken as a result of the complaint;
 - (e) name of person responsible for investigating complaint; and
 - (f) action taken as a result of the complaint investigation and signature of responsible person.

Monitoring of Contaminant Releases

- (H2) The holder of this environmental authority is responsible for the making of determinations and keeping of records of the quality of the contaminants released for the quality characteristics, and at the frequency specified in Schedule H Table 2.

Sampling and Monitoring Point Details

- (H3) Determinations of the quality of released contaminants to check conformity with the release quality characteristics specified in the Water Schedule and Land Application Schedule of this environmental authority must be undertaken at the sampling and in situ monitoring point described as:

Sampling & Monitoring Point (S&MP) - the outlet pipe from the sewage treatment plant's effluent tank.

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Monitoring of Volume of Release

- (H4) The daily quantity of contaminants released must be determined by taking measurements from the meter at the outlet from the effluent tank.
- (H5) Records must be kept of the results of all determinations of the daily quantity of contaminants released to land.

Report Submission

- (H6) The holder of this environmental authority must ensure that the results of all monitoring performed in accordance with this environmental authority for the period covered by the return are submitted with the Annual Return. X

Schedule H - Table 2

QUALITY CHARACTERISTIC DETERMINATION	RELEASE POINTS	FREQUENCY
5-day Biochemical Oxygen Demand.	S&MP	Weekly
Suspended Solids.	S&MP	Weekly
pH.	S&MP	Weekly
Dissolved Oxygen	S&MP	Weekly
Total Nitrogen	S&MP	Weekly
Total Phosphorus as P	S&MP	Weekly
Free Residual Chlorine	S&MP	Weekly
Faecal Coliforms. (Organisms/100 ml)	S&MP	Weekly

Incident Recording

- (H7) A record must be maintained of at least the following events:
- (a) the time, date and duration of equipment malfunctions where the failure of the equipment resulted in the release of contaminants reasonably likely to cause environmental harm;
 - (b) any uncontrolled release of contaminants reasonably likely to cause environmental harm and
 - (c) any emergency involving the release of contaminants reasonably likely to cause material or serious environmental harm requiring the use of fire fighting equipment.

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Notification of Emergencies and Incidents

- (H8) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, as soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this environmental authority, the holder of this environmental authority must notify the administering authority of the release by telephone or facsimile.
- (H9) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, the notification of emergencies or incidents as required by condition number (H8) must include but not be limited to the following:
- (a) The holder of the environmental authority;
 - (b) the location of the emergency or incident;
 - (c) the number of the environmental authority;
 - (d) the name and telephone number of the designated contact person;
 - (e) the time of the release;
 - (f) the time the holder of the environmental authority became aware of the release;
 - (g) the suspected cause of the release;
 - (h) the environmental harm and or environmental nuisance caused, threatened, or to be caused by the release; and
 - (i) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.
- (H10) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, not more than 14 days following the initial notification of an emergency or incident, the holder of the environmental authority must provide written advice of the information supplied in accordance with condition number (H9) in addition to:
- (a) proposed actions to prevent a recurrence of the emergency or incident;
 - (b) outcomes of actions taken at the time to prevent or minimise environmental harm and or environmental nuisance.

Exception Reporting

- (H11) The holder of this environmental authority must notify the administering authority in writing within 28 days of completion of analysis of any result of a monitoring program required by a condition of this environmental authority which indicates an exceedance of any limit specified in this environmental authority.

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(H12) The written notification required by condition number (H11) above must include:

- (a) The full analysis results, and
- (b) Details of investigation or corrective actions taken, and
- (c) Any subsequent analysis.

END OF CONDITIONS FOR SCHEDULE H

SCHEDULE I - DEFINITIONS

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

- (I1) "mg/l" means milligrams per litre.
- (I2) "90th percentile" means that the measured values of the quality characteristic must not be greater than the release limit for any more than one out of five consecutive samples where the time interval between the taking of each consecutive sample is not less than three days.
- (I3) "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.
- (I4) "maximum" means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.
- (I5) "minimum" means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.
- (I6) "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.

END OF CONDITIONS FOR SCHEDULE I