

Keppel Bay Boatyard

Environmental Authority

#0770000081

Environmentally Relevant Activities

Boat Maintaining or Repairing Facility; Abrasive Blasting; Boiler Making or Engineering

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

Part 1: Licences/s

Applicable Part & Schedule(s)	ERA No.	ERA Name	Lot & Plan	Parish	Location
Schedule A	49	Boat Maintaining or Repairing Facility	Lot 5, 6 & 9 on CP890306	Rosslyn	Breakwater Dr Rosslyn Bay

Part 2: Level 2 Approval/s

Schedule A	17	Abrasive Blasting	Lot 5 & 9 on CP890306	Rosslyn	Breakwater Drive, Rosslyn Bay
Schedule A	18	Boiler Making or Engineering	Lot 5 & 9 on CP890306	Rosslyn	Breakwater Drive, Rosslyn Bay

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.

Each part consists of conditions relevant to various issues.

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SCHEDULE A – INTEGRATED AUTHORITY CONDITIONS

1. CONDITIONS OF RELEASE

- 1.1. Contaminants must not be released to the environment from this environmentally relevant activity in contravention to this Environmental Authority.

2. NOISE

- 2.1. Noise emissions from the premises must not cause an environmental nuisance.
- 2.2. Installation and operation of noise generating equipment must be carried out in a manner that minimises their impacts on neighbouring properties.

3. AIR

- 3.1. Air emissions from the premises must not cause an environmental nuisance.
- 3.2. Odour and visible contaminants, including but not limited to dust, smoke and aerosols must not be released to the environment in a manner that will or may cause environmental nuisance or harm unless such release is authorised by this Environmental Authority.
- 3.3. Notwithstanding any other condition of this Environmental Authority, no release of contaminant, including but not limited to odour, dust, smoke, fume or particulate, is to cause or be likely to cause an environmental nuisance or be determined to be noxious or offensive by an authorised person, is to be released beyond the boundaries of the licensed premises.
- 3.4. Trimming, grinding, sanding and drilling must not be conducted in such a manner that they cause a dust nuisance.
- 3.5. Dust extraction equipment is to be fitted to hand-held equipment to contain dust emitted from the above operations.
- 3.6. All dusty and particulate wastes are required to be bagged prior to disposal.
- 3.7. Transfer of collected dust to waste collection bins must be conducted without causing a dust nuisance.
- 3.8. All dust and abrasive material must be contained in an area that will substantially reduce any incidence of airborne pollution.
- 3.9. If necessary, practicable means or measures are required to be installed to minimise the vaporization of solvents or the release of Volatile Organic Compounds from the premises.
- 3.10. Ensure that lids are placed on all used solvent containers.

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- 3.11. Panel repairs and spray painting operations associated with boats are to be suitably protected by curtains, screens or another approved method of capturing dust, paint and other particles. Curtains and screens should be approximately one and a half (1.5) times the height of the hull being painted/repared and must be secured at ground level to ensure capture of potential contaminants.
- 3.12. Only licensed contractors and employees of the licensee are permitted to perform abrasive blasting works on site.
- 3.13. Only minor fibreglassing repairs are to be conducted on-site by authorised tradespeople and employees of the registered operator in an environmentally responsible manner.
- 3.14. No incineration or open burning is to be carried out on site.

4. WATER

- 4.1. The Environmentally Relevant Activity must comply with the requirements of the Environmental Protection Act 1994, the Water Environmental Protection Policy and any Environmental Protection Order issued by the Administering Authority.
- 4.2. Only rainwater from uncontaminated areas may drain into the stormwater drainage system. If rainwater from contaminated areas is treated to the satisfaction of Council, it may drain into the stormwater drainage system.
- 4.3. Rainfall and stormwater runoff not likely to contact any wastes or contaminants on the premises must be diverted away from any area of the licensed site where contact with wastes or contaminants could occur.
- 4.4. All activities must be conducted in a manner that prevents and/or minimises the contamination of surface stormwater runoff.
- 4.5. Wastewater and other liquid wastes must not be released to stormwater, groundwater or discharged to creeks, rivers, lakes or waterbodies. However, town water that has not been contaminated in any form or suitably treated wastewater may be permitted to enter the stormwater system.
- 4.6. The discharge or release of wastewater or liquids to the sewer from the activity must comply with any Trade Waste Policy that may, from time to time, be adopted by Council. Where no Trade Waste Policy has been adopted, the activity must comply with the requirements of the Manager - Commercial Services.
- 4.7. If no sewer connection is available on site, any wastewater generated is to be:-

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- (a) treated to a standard suitable for acceptance to sewer and stored in an approved manner until removed for disposal at Council's Sewage Treatment Plant by an approved waste transporter, or
 - (b) approval may be given for on site disposal of the wastewater after an EIS has demonstrated no harm to the environment would result, or
 - (c) treated and discharged to a waterbody if approval from all relevant authorities, including Queensland Transport, is obtained.
- 4.8. All work on boats or boat engine components that does or could potentially involve a release, intentional or otherwise, of engine fluids (i.e. oils, etc), or any other contaminant associated with work on boats, is only to be completed on the graded maintenance pad, except as otherwise specified within this Environmental Authority.
- 4.9. Wash-down and maintenance pads are to be made of a suitable impervious surface, e.g. concrete, and graded to a central collection system. The wastewater is to undergo treatment to remove any potential contaminants, including sediment, hydrocarbons, detergents, paints, heavy metals and color pigments.
- 4.10. Sampling and analysis of sediments in Keppel Bay Marina is to be conducted on an annual basis. The sediment sample is to be collected approximately twenty (20) metres out from the base of the revetment wall directly in front of the discharge pipe between the lift out rails / travelift arm and the pontoon. All cores are to be taken to a depth of 1.0m below the bed. The sediments are to be analysed for copper, lead, tin, zinc, chromium, iron, mercury, monobutyl tin, dibutyl tin, tributyl tin and pH. The analysis is to be conducted by a NATA accredited laboratory and the results forwarded to the Administering Authority within one month of receipt.
- 4.11. A copy of results from any water sampling conducted is to be forwarded to the Administering Authority within one month of receipt.
- 4.12. Sawdust from treated timber and other particulates that are potentially hazardous are not to be released to waterways, including water in the service berth. Only biodegradable and natural (e.g. uncontaminated sand) materials are to be released to the water in the service berth.
- 4.13. Waste water entering waterways is to comply with the ANZECC 'Australian Water Quality Guidelines for Fresh and Marine Waters' released in 2000, including levels for tributyl tin.
- 4.14. Environmentally relevant activities are not to be conducted in areas inundated by high tides whilst the area is inundated. All potential contaminants from activities are to be removed prior to inundation by high tides.

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4.15. Abrasive blasting is not permitted to be performed in areas where the material may enter waterways. In particular, items in water are not to be blasted without written permission from the Administering Authority.

5. WASTE

- 5.1. The Environmentally Relevant Activity must comply with the requirements of the Environmental Protection Act 1994, all Regulations relating to waste, the Waste Environmental Protection Policy and any Environmental Protection Order issued by the Administering Authority.
- 5.2. Waste must not be released to the environment which will, or may, cause environmental harm, unless such release is authorised by this Environmental Authority.
- 5.3. Where a no cost recycling service is available, recyclable waste must not be deposited in the general waste stream.
- 5.4. Solvents which are unsuitable for reuse are to be sealed in drums and removed to a licensed recycler.
- 5.5. All solid waste must be removed to an approved waste disposal facility or approved waste recycling facility.
- 5.6. Where regulated waste is removed off site, the holder of the Environmental Authority must monitor and record the:-
 - (a) date, quantity and type of wastes removed
 - (b) waste receiving operator that removed the wastes off site
 - (c) destination of the waste
- 5.7. Regulated wastes must not be disposed of via a domestic waste collection service or to landfill, or in any other manner which is not approved.
- 5.8. The licensee must ensure that all regulated waste transport services used by the licensee hold an appropriate Environmental Authority and authority to operate within the Shire.
- 5.9. Drainage pits, litter traps, oil separators and other separation/treatment devices are to be maintained and regularly serviced by a licensed contractor. Maintenance and service records are to be maintained, stored on site and available to authorised officers on request.
- 5.10. No acid drainage of batteries is permitted to occur on the premises.
- 5.11. The licensee shall, at his own cost and to the satisfaction of the Queensland Department of Transport and Rockhampton Regional Council, provide collector/container facilities for the disposal ashore of human wastes and other litter and dry or wet refuse or waste material from vessels and without limiting the application of the forgoing.

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6. LIGHT

- 6.1. Lighting used to illuminate any area of the premises must be angled or shaded in such a manner that light does not directly illuminate or cause any environmental nuisance to any nearby premises or roadway.

7. TRAINING

- 7.1. All persons, including contractors and other persons not directly employed by the licensee, engaged in the conduct of the activity must be trained in the practices and procedures relating to the prevention of environmental harm during normal operations and emergencies.
- 7.2. The licensee must ensure that the operation and maintenance of the licensed activity is carried out by or under the supervision of a person competent to operate and maintain the plant, equipment and premises used in carrying out the licensed activity
- 7.3. The licensee must ensure that any person responsible for carrying out the licensed activity is familiar the conditions of this Environmental Authority as they relate to the person's responsibilities.
- 7.4. All persons engaged in the conduct of the activity must be trained in the practices and procedures relating to the prevention of environmental harm which may occur during normal operations or emergencies. Evidence of training must be submitted as part of the annual return

8. NOTICE OF OTHER DUTIES

- 8.1. Any storage of flammable and combustible liquids in excess of minor storage must comply with, and if Council requires be licensed in accordance with, the Dangerous Goods Safety Management Act 2001, Dangerous Goods Safety Management Regulation 2001 and the associated Australian Standard AS 1940 - 2004.
- 8.2. Where flammable liquid is stored in excess of 100 litres and not exceeding minor storage, it will be necessary to provide:-
 - (a) one (1) 9kg AB(E) fire extinguisher in accordance with AS 1940 - 2004, Section 10.7; and
 - (b) a warning sign worded: "DANGER - FLAMMABLE LIQUID - NO SMOKING - KEEP AWAY" which must be placed at an effective location adjacent to storage.
- 8.3. Any storage of flammable and combustible liquids in minor storage quantities must comply with all relevant provision of "PRECAUTIONS" under AS 1940 - 2004.

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9. DUTY TO NOTIFY ENVIRONMENTAL HARM

- 9.1. While carrying out an activity, if a person becomes aware that environmental harm, including serious or material environmental harm, is caused or threatened by that activity or an associated activity, that person must notify the person in charge of the premises, or Livingstone Shire Council if the employer is not contactable. As soon as practicable after becoming aware of any emergency or incident, the holder of this Environmental Authority must notify Livingstone Shire Council of the event, its nature, circumstances and any action taken to clean up, reduce or repair the harm caused.
- 9.2. Not more than fourteen (14) days following the initial notification of an emergency or incident, the holder of the Environmental Authority must provide written advice of the initial event 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, and
 - (c) the results of any monitoring performed.

10. INSPECTIONS BY AUTHORISED PERSONS

- 10.1. At all reasonable times and to the satisfaction of the authorised person, the holder of this Environmental Authority must provide access to the site for authorised persons to check compliance.

11. ANNUAL RETURN

- 11.1. The licensee must provide the Administering Authority with an annual return in the approved form prior to the anniversary date of this Environmental Authority.

12. SITE CONTAMINATION

- 12.1. The activity is to be conducted so as to prevent contamination of air, land and water.
- 12.2. Any known contamination of the site is to be remediated or removed as soon as possible after the event that caused the contamination, and at least upon termination of the land use. If the ownership of the property may be transferred, notification of the activity conducted on the premises and any known contamination of the property, is to be sent to the Administering Authority and the potential purchaser at least fourteen (14) days prior to settlement.
- 12.3. Potential contaminants (included but not limited to oil, waste oil, batteries, solvents or adhesives) must be stored on an impervious surface in an adequately bunded, covered and secured area, unless other practicable means or measures to prevent the possible contamination of stormwater and land, including in the event of a spill, are implemented.

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- 12.4. Any spillage or accidental release of wastes, contaminants or other materials must be cleaned up as quickly as practicable. Such spillage or release must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or material to any stormwater drainage system, roadside gutter, waterbodies or land unless authorised by the Administering Authority.

13. POLLUTION PREVENTION EQUIPMENT

- 13.1. Taking into account the activities conducted, products used and wastes produced, adequate and appropriate pollution prevention equipment is to be kept at the premises in a readily accessible place.
- 13.2. All pollution prevention equipment must be maintained regularly in accordance with manufacturers' specifications.

14. DISPLAY OF ENVIRONMENTAL AUTHORITY

- 14.1. A copy of this Environmental Authority must be kept in a location readily accessible to personnel carrying out the activity.

15. RECORDS

- 15.1. Any record required to be kept by a condition of this Environmental Authority must be kept at the licensed premises for a minimum of 5 years and be available for examination by an authorised person.

16. ALTERATIONS

- 16.1. No change, replacement or operation of any plant or equipment is permitted if the change, alteration or operation of the plant or equipment increases, or is likely to substantially increase the risk of environmental harm or nuisance or increase the release of a contaminant by 10% or greater.

17. INTEGRATED ENVIRONMENTAL MANAGEMENT SYSTEM (IEMS)

- 17.1 The holder of this environmental authority must submit details of any amendment to the Integrated Environmental Management System (IEMS) with the Annual Return that immediately follows the enactment of any such amendment and have due regard for any comments provided by the administering authority.
- 17.2 A copy of the IEMS must be kept in a location readily accessible to personnel carrying out the activity.

END OF INTEGRATED AUTHORITY