

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L4996/1993/9

FILE NUMBER: DER2013/000924

NAME AND ADDRESS OF OCCUPIER:

Toll Energy and Marine Logistics Pty Ltd
Level 4, 30 The Esplanade
PERTH WA 6000
ACN: 009 129 060

NAME AND LOCATION OF PREMISES:

Dampier Supply Base
Part of Crown Reserve 41636 within coordinates MGA Zone 50: E474567.0 N7718618.5;
E474628.5 N7718723.5; E474703.5 N7718794.3; E474757.3 N7718917.5; E474731.6
N7718929.6; E474710.7 N7718923.6; E474710.7 N7718987.0; E474652.7 N7718987.5;
E474649.6 N7718885.9; E474671.2 N7718871.1; E474582.0 N7718748.6; E474569.0
N7718758.1; E474140.2 N7718758.1; E474133.4 N7718743.2; E474154.5 N7718715.2;
E474148.6 N7718710.9; E474153.8 N7718703.7; E474160.1 N7718707.9; E474154.6
N7718715.3; E474133.6 N7718743.3; E474140.3 N7718758.0; E474568.9 N7718758.0;
E474582.0 N7718748.5; E474573.7 N7718737.2; E474575.1 N7718712.2; E474528.3
N7718651.7
BURRUP WA 6714
(As depicted in Attachment 1)

Environmental Protection Regulations 1987

CLASSIFICATION(S) OF PREMISES:

Category 49: Boat building and maintenance

COMMENCEMENT DATE OF LICENCE: Sunday, 24 November 2013

EXPIRY DATE OF LICENCE: Friday, 23 November 2018

CONDITIONS OF LICENCE:

As described and attached:
DEFINITION(S)
GENERAL CONDITION(S)
AIR POLLUTION CONDITION(S)
WATER POLLUTION CONTROL CONDITION(S)
REPORTING CONDITION(S)
ATTACHMENT(S)

Date signed: 30 July 2018

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Officer delegated under section 20
of the *Environmental Protection Act 1986*

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PREAMBLE

Applicability

This licence is issued to Toll Energy and Marine Logistics Pty Ltd for the boat building and maintenance facility known as Dampier Supply Base, located on Part of Crown Reserve 41636, King Bay Road, Burrup Peninsula within the area bounded by the following coordinates (and as depicted in Attachment 1):

Part of Crown Reserve 41636 within coordinates MGA Zone 50:

E474567.0 N7718618.5; E474628.5 N7718723.5; E474703.5 N7718794.3; E474757.3 N7718917.5; E474731.6 N7718929.6; E474710.7 N7718923.6; E474710.7 N7718987.0; E474652.7 N7718987.5; E474649.6 N7718885.9; E474671.2 N7718871.1; E474582.0 N7718748.6; E474569.0 N7718758.1; E474140.2 N7718758.1; E474133.4 N7718743.2; E474154.5 N7718715.2; E474148.6 N7718710.9; E474153.8 N7718703.7; E474160.1 N7718707.9; E474154.6 N7718715.3; E474133.6 N7718743.3; E474140.3 N7718758.0; E474568.9 N7718758.0; E474582.0 N7718748.5; E474573.7 N7718737.2; E474575.1 N7718712.2; E474528.3 N7718651.7

This licence comprises conditions relating to, but not necessarily limited to, the following activities:

- commercial maintenance of vessels; and
- removal of organotin compounds from vessels.

This facility is prescribed within Schedule 1 of the *Environmental Protection Regulations 1987* as outlined in Table 1.

Table 1: Category under which Dampier Supply Base is prescribed

Category number	Category name
49	Boat building and maintenance

Other Relevant Information

The facility was upgraded in 2000. The upgrade was subject to Ministerial Conditions (Statement Number 535). It is intended that these conditions of licence be complimentary to the Ministerial Conditions, however, in the event of any inconsistency the latter shall prevail.

Other Legal Requirements

The licensee should be aware that these conditions do not exempt the premises/licensee from other statutory obligations under the *Environmental Protection Act 1986*, or any other Acts.

This includes the licensee's obligations under the:

- *Environmental Protection Regulations 1987*;
- *Environmental Protection (Abrasive Blasting) Regulations 1998*;
- *Environmental Protection (Noise) Regulations 1997*;
- *Environmental Protection (Controlled Waste) Regulations 2004*;
- *Environmental Protection (Unauthorised Discharges) Regulations 2004*; and
- *Environmental Protection (Clearing of Native Vegetation) Regulations 2004*.

Where there is a conflict between the conditions set in this licence and any Act or Regulations, the latter takes precedence.

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Emergency, Accident or Malfunction

The licensee should inform the CEO as soon as practicable after the identification of any discharge of waste which has occurred as a result of an emergency, accident, malfunction or extreme weather conditions otherwise than in accordance with any condition of this licence, and has caused or is likely to cause pollution.

Alteration to Premises

Prior to making any alterations to the premises which may affect air, water or noise emissions from the premises the licensee must submit an application for works approval to the CEO accompanied by supporting information and plans which allow the environmental impacts of that change to be assessed.

DEFINITIONS

In these conditions of licence, unless inconsistent with the text or subject matter:

“abrasive blasting” means cleaning or abrading the surface of an object using an abrasive material propelled by compressed air, water or steam or by a wheel;

“Annual Audit Compliance Report” means a report in a format approved by the CEO as presented by the licensee or as specified by the CEO (guidelines and templates may be available on the Department’s website).

“Australian Standard 5667” means the most recent version and relevant parts of the Australian and New Zealand series of guidance standards AS/NZS 5667 on Water Quality Sampling;

“Australian Standard 1940-2004” means the most recent version of the Australian Standard for The storage and handling of flammable and combustible liquids;

“BTEX” means benzene, toluene, ethyl benzene, xylene;

“bund” means an embankment or wall which may form part of the perimeter of a compound;

“BWTP” means Bilge Water Treatment Plant;

“CEO” means Chief Executive Officer.

“CEO” for the purposes of notification means:

Director General

Department Administering the Environmental Protection Act 1986

Locked Bag 33 Cloisters Square

PERTH WA 6850

info@dwer.wa.gov.au

“compound” means an area bounded by a bund, sufficiently imperious to retain spillages or leakages pending recovery;

“Department” means the department established under section 35 of the *Public Sector Management Act 1994* and designated as responsible for the administration of Part V, Division 3 of the EP Act.

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“hardstand area” means an area covered in concrete, bitumen or other material with a hydraulic conductivity of less than 1×10^{-9} metres per second;

“NATA” means National Association of Testing Authorities;

“organotin anti-fouling paint” means a coating, paint or treatment that contains an organic derivative of tin;

“PAH” means polycyclic aromatic hydrocarbons;

“six monthly” means the 2 inclusive periods from 1 July to 31 December and 1 January to 30 June in the following year;

“spray painting” means the physical application of paint or other protective coating material by any means other than by direct physical contact (i.e. roller or brush);

“Standard Methods for Examination of Water and Wastewater-APHA-AWWA-WEF” means the best current practice of American water analysts developed by the American Public Health Association (APHA), the American Water Works Association (AWWA), and the Water Environment Federation (WEF); and

“vessel maintenance” means maintenance, including cleaning and painting, of the hull of any vessel.

GENERAL CONDITIONS

ANNUAL ENVIRONMENTAL REPORTING

- 1 The licensee shall by **1 August** of each year, provide to the CEO, an Annual Environmental Report for the preceding period from 1 July – 30 June, which shall include, but is not necessarily limited to the following information:
 - (i) a list of the vessels greater than 25 metres in length which were maintained at the premises. This list shall contain:
 - a) the name of the vessel;
 - b) the dates the vessel was undergoing maintenance work;
 - c) a brief description of the work that was conducted on the vessel, including whether organotin anti-fouling paint was used or removed; and
 - d) on what part(s) of the premises the maintenance work was undertaken;
 - (ii) results from the water and sediment quality (including oyster biotoxicity) monitoring programs being undertaken in accordance with Ministerial Statement Number 535 including an assessment of the results against background data, previous year(s) data, environmental guidelines and policies;
 - (iii) effectiveness of dust mitigation measures and any dust mitigation initiatives undertaken; and
 - (iv) results from the water sampling monitoring program required by condition 6(f) and 7(a).

ANNUAL AUDIT COMPLIANCE REPORT

- 2 The licensee shall by **1 August** in each year, provide to the CEO an Annual Audit Compliance Report indicating the extent to which the licensee has complied with the conditions of this licence, and any previous licence issued under Part V of the Act for the premises, during the period beginning 1 July the previous year and ending on 30 June in that year.

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GENERAL ABRASIVE BLASTING AND SPRAY PAINTING REQUIREMENTS

- 3(a) The licensee shall undertake all abrasive blasting and spray painting operations on a hardstand area, except when operating on the slipway.
- 3(b) The licensee shall ensure that abrasive blasting and spray painting operations conducted on the premises, other than on the slipway, are conducted such that shrouds, tarpaulins or other similar means are utilised to fully enclose the abrasive blasting operation.
- 3(c) The licensee shall clean up and collect abraded material removed from vessels in accordance with Table 2.

Table 2: Abrasive Blasting Cleanup Frequency

Type of Vessel.	Cleanup Frequency.
Less than 25 metres.	Completion of blasting or at least 3 times per week.
Greater than 25 metres.	Completion of blasting or at least 3 times per week.
All waste materials produced as a result of abrasive blasting activities are to be placed and stored in appropriate receptacles such that waste material cannot be released into the environment during and after clean up, for disposal to a facility that is registered or licensed to accept such waste.	

AIR POLLUTION CONTROL CONDITIONS

GENERAL PLANT DUST CONTROL

- 4 The licensee shall ensure that all areas on the premises where dust can be generated are maintained so that no visible dust is discharged beyond the boundary of the premises.

WATER POLLUTION CONTROL CONDITIONS

CORROSION INHIBITORS

- 5 The licensee shall ensure that corrosion inhibitors containing nitrates, nitrites or chromates are not used in any abrasive blasting operation on the premises.

WASTEWATER CONTROL EQUIPMENT

- 6(a) The licensee shall conduct all water blasting, abrasive blasting, painting and servicing of vessels in a compound that drains to the interception drain and sump.
- 6(b) The licensee shall ensure all interceptor drains, sumps and sediment traps are emptied prior to an impending cyclonic event.
- 6(c) The licensee shall ensure that all stormwater runoff at the premises is directed to sediment containment and treatment systems to allow effective removal of sediment and contaminants prior to being discharged offsite.
- 6(d) The licensee shall ensure that all contaminated runoff contained within the interception drains, sumps and sediment traps is removed by an approved liquid waste contractor and disposed of to a facility that is registered or licensed to accept such wastes.

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- 6(e) The licensee shall maintain the sediment containment and treatment systems, required in condition 6(c), in accordance with the manufacturer's specifications to ensure they operate effectively.
- 6(f) The licensee shall collect and have analysed, representative samples of the effluent water discharged from the sediment containment and treatment systems, required by condition 6(c), for the parameters listed in column 1 of Table 3, in the unit listed in column 2 of Table 3, at the frequency specified in column 3 of Table 3.

Table 3: Effluent discharge- monitoring requirements

Column 1	Column 2	Column 3
Parameters to be measured	Units	Sampling Frequency
Arsenic	mg/L	During discharge events
Copper		
Chromium (III and IV)		
Total Petroleum Hydrocarbons		
Lead		
Mercury		
Nitrites		
Nitrates		
Zinc		
Tributyltin (TBT)		

BWTP MONITORING

- 7(a) The licensee shall collect and have analysed, representative samples of the water discharged from the BWTP (Attachment 1) for the parameters listed in column 1 of Table 4, in the unit listed in column 2 of Table 4, at the frequency specified in column 3 of Table 4.

Table 4: BWTP monitoring requirements

Column 1	Column 2	Column 3
Parameters to be measured	Units	Sampling Frequency
Total Suspended Solids	mg/L	Six monthly
Total Petroleum Hydrocarbons		
BTEX		
PAH		
Copper		
Iron		
Lead		
Zinc		

LIQUID CHEMICAL STORAGE

- 8(a) The licensee shall store all environmentally hazardous chemicals, including but not limited to, fuel, oil or other hydrocarbons (where the total volume of each substance stored on the premises exceeds 250 litres) within low permeability (1×10^{-9} metres per second or less) compound(s) designed to contain not less than 110% of the volume of the largest storage vessel or inter-connected system, and at least 25% of the total volume of substances stored in the compound.

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- 8(b) The licensee shall ensure that the compound(s) described in part (a) to this condition will:
- i) be graded or include a sump to allow recovery of liquid;
 - ii) be chemically resistant to the substances stored;
 - iii) include valves, pumps and meters associated with transfer operations wherever practical. Otherwise the equipment shall be adequately protected (e.g. bollards) and contained in an area designed to permit recovery of chemicals released following accidents or vandalism;
 - iv) be designed such that jetting from any storage vessel or fitting will be captured within the bunded area [see for example Australian Standard 1940-2004 Section 5.8.3(h)];
 - v) be designed such that chemicals which may react dangerously if they come into contact, are in separate bunds in the same compound or in different compounds; and
 - vi) be controlled such that the capacity of the bund is maintained at all times (e.g. regular inspection and pumping of trapped uncontaminated rain water).
- 8(c) The licensee shall immediately remove and dispose of any liquid resulting from spills or leaks of chemicals including fuel, oil or other hydrocarbons, whether inside or outside the low permeability compound(s).
- 8(d) The licensee shall collect and store all waste oil, lubricants and hydraulic fluids generated by vessel maintenance and repairs, in a compound as described in part (a) and (b) of this condition, prior to removal by an approved liquid waste contractor for disposal to a facility that is licensed or registered to accept these wastes.

REPORTING CONDITIONS

- 9(a) The licensee shall collect and preserve all water samples required by condition 6(f) and 7(a) in accordance with Australian Standard 5667.
- 9(b) The licensee shall submit all water samples required by condition 6(f) and 7(a) to a laboratory with NATA accreditation for the analysis specified and analysed in accordance with the current Standard Methods for Examination of Water and Wastewater – APHA-AWWA-WEF.

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ATTACHMENT 1 - PLAN OF PREMISES

