



Licence Number	L8841/2014/1
Licence Holder	CSBP Limited
ACN	008 668 371
Registered business address	CSBP Limited Brookfield Place Tower 2 Level 14, 123 St Georges Terrace PERTH WA 6000
File Number	2013/002960
Duration	01/12/2014 to 30/09/2029
Date of Amendment	27/08/2019
Date of issue	27/11/2014
Prescribed Premises	Category 33: chemical blending As defined in Schedule 2
Premises	CSBP Limited 280 North West Coastal Highway WEBBERTON WA 6530 Being Lot 103 on Plan 35689 and Lot 105 on Diagram 26864 as depicted in Schedule 1.

This Amended Licence is granted to the Licence Holder, subject to the following conditions, on 27 August 2019, by:

Manager Process Industries
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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Introduction

This Introduction is not part of the Licence conditions.

DWER's industry licensing role

The Department of Water and Environmental Regulation (DWER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DWER's purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

DWER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process, DWER regulates to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DWER also monitors and audits compliance with works approvals and Licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

Licence requirements

This Licence is issued under Part V of the Act. Conditions contained within the Licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licence Holder the intention is not to replicate them in the Licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:

<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- *Environmental Protection (Unauthorised Discharges) Regulations 2004* – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.
- *Environmental Protection (Controlled Waste) Regulations 2004* - these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- *Environmental Protection (Noise) Regulations 1997* – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.

You must comply with your Licence. Non-compliance with your Licence is an offence and strict penalties exist for those who do not comply.

Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.

Licence fees

If you have a Licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your Licence. Non-payment of annual licence fees will result in your Licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new Licence for your Premises.

Ministerial conditions

If your Premises has been assessed under Part IV of the Act, you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

Premises description and Licence summary

CSBP Limited and its subsidiaries and joint ventures form the chemicals and fertilisers business units of WesCEF, which is a division of Wesfarmers Limited. The Western Australian business primarily produces agricultural fertilisers, ammonia, ammonium nitrate, sodium cyanide and other industrial chemicals.

CSBP Geraldton Depot (CSBP) on-site activities include receiving (import via the Geraldton Port, or transferred by road from the company's manufacturing facility in Kwinana), storage and dispatch of granular fertilisers and the manufacture and dispatch of liquid fertiliser. CSBP also receives fertiliser containing industrial wash water (a controlled waste) from fertiliser import activities at the Geraldton Port. CSBP receives granular fertiliser and liquid products for the purpose of blending and/or mixing. The nominated rate of throughput of solid fertiliser is approximate 101 000 tonnes per annum and approximately 20 000 tonnes per annum of liquid fertiliser. The nominated throughput of liquid waste from the Geraldton Port is approximately 8 tonnes per annum.

CSBP was classified as "contaminated – remediation required" on 24 April 2014, based on the presence of metals, pesticides, hydrocarbons and sulfates in the soil and metals, chloride and fluoride in the groundwater beneath the site.

There are no naturally occurring surface water bodies such as rivers, lakes or wetlands on the site. The depth to groundwater is approximately 8 metres Below Ground Level (mBGL) to the Superficial Swan Aquifer, overlaying the Cattamarra Coal Measures North Aquifer. The groundwater flows in a west to south west direction towards the Indian Ocean.

Surrounding land use within 500m of the site includes residential, light industrial and general industrial areas. The nearest residential area is opposite the site (across the North-West Coastal Highway) and is approximately 400m from the despatch area. The site (approximately 33.6 hectares) retains a large proportion of well-established native vegetation to provide a buffer between the site activities and surrounding premises.

Amendment

DWER received an application for a Licence (L8841/2014/1) amendment on 12 June 2019 requesting a change to the wording of Condition 1.3.2 to give CSBP the flexibility in the use of the accepted industrial wash water (wash water) if found unsuitable for use in the liquid fertiliser process.

Amendment Description

The Licensee currently receives the wash water from CSBP's fertiliser import activities at Geraldton Port. The wash water is transported via a control waste carrier for temporary storage on the Premises. Condition 1.3.2 requires the Licensee to use the stored wash water in the liquid fertiliser process only. The wash water, however, is not always suitable for reuse in the liquid fertiliser process but could found suitable for reuse in other processes or disposed of off-site to an approved disposal facility.

Decision

The Delegated Officer has determined that the wash water is stored and handled in a bunded hardstand area capable of preventing any discharge to the environment. A previous risk assessment done on 27 November 2014 for the potential impact of the wash water to the environment rates the overall risk rating as 'Moderate'. The Delegated Officer is satisfied that allowing the wash water to be used in another process or disposed of to an approved disposal facility would not increase the risk rating of the stored wash water. The Delegated Officer therefore amends Condition 1.3.2 to allow CSBP to reuse the wash water in other processes or disposed of it off-site to an approved disposal facility if found unsuitable.

Amalgamation of Amendment Notices

The CEO in applying the above requested amendment, issues an amended Licence also consolidating changes made under Amendment Notices 1 - 4 issued between 2016 to 2018 (as detailed in the instrument log table below). The obligations of the Licence Holder have not changed in making this consolidating amendment. During the consolidation of the Amendment Notices, DWER has not undertaken any additional risk assessment of the Premises. The CEO has also incorporated the DWER initiated Amendment Notice issued in 2016 to extend the Licence duration and corrected the front page of the Licence accordingly.

Licences, amendments and amendments notices issued for the Premises are listed in the Table below.

Instrument log table		
Instrument	Issued	Description
L8841/2014/1	01/12/2014	New Licence
L8841/2014/1	15/10/2015	Licence amendment
L8841/2014/1	29/4/2016	Notice of Amendment: to extend the expiry date of the Licence.
L8841/2014/1	9/09/2016	<u>Amendment Notice 1</u> Deleted references to Soaks 2 and 3 as these have been diverted to the concrete lined stormwater pond and deleted Improvement Conditions 4.11 and 4.12 as these improvement requirements have been completed
L8841/2014/1	6/02/2017	<u>Amendment Notice 2</u> Included the new registered business address for the Premises on the front page of the Licence
L8841/2014/1	15/02/2017	<u>Amendment Notice 3</u> Works approval to replace stormwater Pond 2 HDPE liner and increase the holding capacity from 1.8ML to 10ML. Include the updated map for stormwater storage for Pond 2 from 1.8ML to 10ML in Schedule 1.
L8841/2014/1	25/05/2018	<u>Amendment Notice 4</u> <ul style="list-style-type: none">removed condition 1.2.3(b) from the Licence as there is no stormwater treatment system at CSBP to treat

		contaminated stormwater; <ul style="list-style-type: none"> • update condition 1.3.3 in increase the amount of soaks; • removed the wording 'Roof Tank', 'Concrete Tank' and 'Fibre Glass Tank' from Table 1.3.3 as these are no longer required for stormwater storage due to the increase in holding capacity of stormwater pond 2; • included an updated map on emission points which includes soakwell 7 and updated emission and monitoring point references of Tables 2.1.1 and 3.2.1 respectively; • added an annotation to Table 3.2.1 to allow for occasional circumstances when there is insufficient flow to obtain water samples or an unintentional sampling error occurs; • removed the requirement to measure Total Recoverable Hydrocarbons from the list of parameters in Table 3.2.1
L8841/2014/1	27/08/2019	Amendment to change to the wording of Condition 1.3.2 to give flexibility in the use of the accepted industrial wash water (wash water) if found unsuitable for use in the liquid fertiliser process. The amendment also consolidates and supersedes all previously authorised licences and amendment notices issued in relation to the Premises.

Severance

It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

END OF INTRODUCTION

Licence conditions

1 General

1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

“**AACR**” means a report in a format approved by the CEO as presented by the Licence Holder or as specified by the CEO from time to time and published on the Department’s website: <https://www.dwer.wa.gov.au>

‘**Act**’ means the *Environmental Protection Act 1986*;

‘**Annual Period**’ means the inclusive period from 1 April until 31 March in the following year;

‘**AS/NZS 5667.1**’ means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

‘AS/NZS 5667.10’ means the Australian Standard AS/NZS 5667.10 *Water Quality – Sampling – Guidance on sampling of waste waters*;

‘AS/NZS 5667.11’ means the Australian Standard AS/NZS 5667.11 *Water Quality – Sampling – Guidance on sampling of groundwaters*;

‘averaging period’ means the time over which a limit is measured or a monitoring result is obtained;

‘CEO’ means Chief Executive Officer of the Department of Water and Environment Regulation;

‘CEO’ for the purpose of correspondence means;

Chief Executive Officer
Department Administering the *Environmental Protection Act 1986*
Locked Bag 10
JOONDALUP DC WA 6027
Telephone: (08) 6367 7000
Facsimile: (08) 6367 7001
Email: info@dwer.wa.gov.au

‘controlled waste’ has the definition in *Environmental Protection (Controlled Waste) Regulations 2004*;

‘Department’ means the department established under s.35 of the Public Sector Management Act 1984 and designated as responsible for the administration of Division 3 Part V of the *Environmental Protection Act 1986*;

‘DWER’ means Department of Water and Environmental Regulation;

‘freeboard’ means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point.

‘hardstand’ means an impermeable surface;

‘Licence’ means this Licence numbered L8841/2014/1 and issued under the Act;

‘Licensee’ means the person or organisation named as Licence Holder on page 1 of the Licence;

‘NATA’ means the National Association of Testing Authorities, Australia;

‘NATA accredited’ means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis;

‘Premises’ means the area defined in the Premises Map in Schedule 1 and listed as the Premises on page 1 of the Licence;

‘quarterly’ means the 4 inclusive periods from 1 April to 30 June, 1 July to 30 September, 1 October to 31 December and in the following year, 1 January to 31 March;

‘Schedule 1’ means Schedule 1 of this Licence unless otherwise stated;

‘Schedule 2’ means Schedule 2 of this Licence unless otherwise stated;

‘spot sample’ means a discrete sample representative at the time and place at which the sample is taken;

‘usual working day’ means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia; and

‘Waste Code’ means the Waste Code assigned to a type of controlled waste for purposes of waste tracking and reporting as specified in the Department of Environment Regulation “Controlled Waste Category List” (July 2014), as amended from time to time.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.

1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.

1.1.5 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:

- (a) pollution;
- (b) unreasonable emission;
- (c) discharge of waste in circumstances likely to cause pollution; or
- (d) being contrary to any written law.

1.2 General conditions

1.2.1 The Licensee shall operate and maintain all pollution control and monitoring equipment to the manufacturer’s specification or any relevant and effective internal management system.

1.2.2 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.

1.2.3 The Licensee shall implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises.

1.3 Premises operation

1.3.1 The Licensee shall only accept waste onto the Premises if:

- (a) it is of a type listed in Table 1.3.1;
- (b) the quantity accepted is below any quantity limit listed in Table 1.3.1; and
- (c) it meets any specification listed in Table 1.3.1.

Table 1.3.1: Waste acceptance			
Waste	Waste Code	Quantity Limit	Specification ¹
Industrial wash water contaminated with a controlled waste	L150	Not more than 100 tonnes per annual period	Industrial wash water waste derived from CSBP activities at Geraldton Port

Note 1: Additional requirements for the acceptance of controlled waste are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

1.3.2 The Licensee shall ensure that wastes accepted onto the Premises are only subjected to the processes set out in Table 1.3.2 and in accordance with any process limits described in that table.

Table 1.3.2: Waste processing and containment infrastructure			
Waste	Waste Code	Process ¹	Process limits ¹
Industrial wash water contaminated with a controlled waste.	L150	Receipt, handling, consolidation, and temporary storage prior to reuse or disposal to a licenced facility.	Only to be received, consolidated, stored, and handled within a bunded hardstand area capable of preventing surface run-off from entering the environment.

Note 1: Additional requirements for the acceptance or disposal of controlled waste are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

1.3.3 The Licensee shall ensure that stormwater not entering into one of the five unlined soaks on site is stored within vessels or compounds provided with the infrastructure detailed in Table 1.3.3.

Table 1.3.3 Stormwater containment infrastructure		
Vessel or compound	Material	Requirements
Pond 1	Stormwater only	Concrete lined
Pond 2	Stormwater only	HDPE lined

1.3.4 The Licensee shall manage all stormwater ponds so that:

- (a) overtopping of the ponds does not occur;
- (b) a freeboard equal to, or greater than, 300mm is targeted;
- (c) the integrity of the containment infrastructure is maintained; and
- (d) vegetation and floating debris (emergent or otherwise) is prevented from encroaching onto pond surfaces or inner pond embankments.

2 Emissions

2.1 Emissions to land

2.1.1 The Licensee shall ensure that where stormwater is emitted to land from the emission points in Table 2.1.1 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Table 2.1.1: Emissions to land			
Emission point reference and location on Map of emission points	Emission point	Description	Source including abatement
L1	Discharge from Pond 1 to infiltration area	Emergency overflow discharge of stormwater to infiltration area is only authorised when the stormwater storage capacity is exhausted	Stormwater from Pond 1
Soaks 1,4,5, 6 and 7	Discharge of potentially contaminated stormwater to land via unlined soak	Discharge of stormwater to unlined soak	Stormwater from premises footprint

3 Monitoring

3.1 General monitoring

3.1.1 The licensee shall ensure that:

- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1 unless indicated otherwise in the relevant table;
- (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
- (c) all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and
- (d) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.

3.1.2 The Licensee shall ensure that:

- a) quarterly monitoring is undertaken at least 45 days apart; and
- b) annual monitoring is undertaken at least 9 months apart.

3.1.3 The Licensee shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications.

3.1.4 The Licensee shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

3.2 Monitoring of emissions to land

3.2.1 The Licensee shall undertake the monitoring in Table 3.2.1 according to the specifications in that table.

Monitoring point reference	Parameter ³	Unit	Averaging Period	Frequency
Pond 1	pH ¹ Aluminium (Al) Ammoniacal Nitrogen (NH ₃ -N) ² Chromium (Cr) Copper (Cu) Lead (Pb) Magnesium (Mg) Manganese (Mn) Potassium (K) Sulphur (S)	-	Spot sample	Annual and within 48 hours of a discharge to the emergency overflow infiltration area
Soaks 1,4,5,6 and 7	Sulphate (SO ₄) Total Dissolved Solids (TDS) Total Nitrogen (TN) Total Phosphorus (TP) ² Zinc (Zn)	mg/L		Monthly when there is enough water flowing to take a representative sample ⁴

Note 1: In-situ non-NATA accredited analysis permitted

Note 2: Alternative sample preservation and storage standard permitted

Note 3: All metals to be analysed as total metals

Note 4: No more than one monthly sample per year is missed due to error or malfunction

3.3 Monitoring of inputs and outputs

3.3.1 The Licensee shall undertake the monitoring in Table 3.3.1 according to the specifications in that table.

Table 3.3.1: Monitoring of inputs and outputs		
Input / Output	Units	Averaging period
Granular fertiliser	Tonnes	Annual
Liquid fertiliser	Tonnes	Annual

3.4 Ambient environmental quality monitoring

3.4.1 The Licensee shall undertake the monitoring in Table 3.4.1 and according to the specifications in that table.

Table 3.4.1: Monitoring of ambient groundwater quality				
Monitoring point reference and location on Map of monitoring locations	Parameter ³	Units	Averaging period	Frequency
Monitoring bores: MB02 or MB02A MB06 MB07 MB08 MB10	Standing Water Level (SWL) ¹	m(AHD)	Spot sample	Quarterly when samples are available
	pH ¹	-		
	Aluminium (Al)	mg/L		
	Ammoniacal Nitrogen (NH ₃ -N) ²			
	Chromium (Cr)			
	Copper (Cu)			
	Iron (Fe)			
	Lead (Pb)			
	Potassium (K)			
	Sulphur (S)			
	Sulphate (SO ₄)			
	Total Nitrogen (TN)			
	Total Phosphorus (TP) ²			
	Zinc (Zn)			

Note 1: In-situ non-NATA accredited analysis permitted

Note 2: Alternative sample preservation and storage standard permitted

Note 3: All metals to be analysed as dissolved metals

4 Information

4.1 Records

4.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 4.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect the condition of the land or waters.

4.1.2 The Licensee shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and

- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

4.1.3 The Licensee shall complete an Annual Audit Compliance Report (AACR) indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

4.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

4.2 Reporting

4.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 60 calendar days after the end of the Annual Period. The report shall contain the information listed in Table 4.2.1 in the format or form specified in that table.

Table 4.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
Table 1.3.1	Quantity of waste acceptance	None specified
Table 3.2.1	Monitoring of emissions to land	LR1 ¹
Table 3.3.1	Inputs and outputs	None specified
Table 3.4.1	Ambient groundwater monitoring	AGWQ1 ¹
4.1.3	Compliance	AACR ²
4.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 3

Note 2: Form on DWER website

4.2.2 The Licensee shall ensure that the Annual Environmental Report also contains an assessment of the information contained within the report against previous monitoring results.

4.2.3 The Licensee shall submit the information in Table 4.2.2 to the CEO according to the specifications in that table.

Table 4.2.2: Non-annual reporting requirements				
Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form
-	Copies of original monitoring reports submitted to the Licensee by third parties	Not Applicable	Within 14 days of the CEOs request	As received by the Licensee from third parties

4.3 Notification

4.3.1 The Licensee shall ensure that the parameters listed in Table 4.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 4.3.1: Notification requirements		
Condition or table (if relevant)	Parameter	Notification requirement ¹
1.3.3	An overflow of Pond 1 to the infiltration area	As soon as practicable but no later than 5pm of the next usual working day

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

Schedule 1: Maps

Premises map

The Premises is shown in the map below. The red line depicts the Premises boundary.



Map of storage locations

The locations of the storage areas defined in Table 1.3.3 are shown below.



Map of emission points

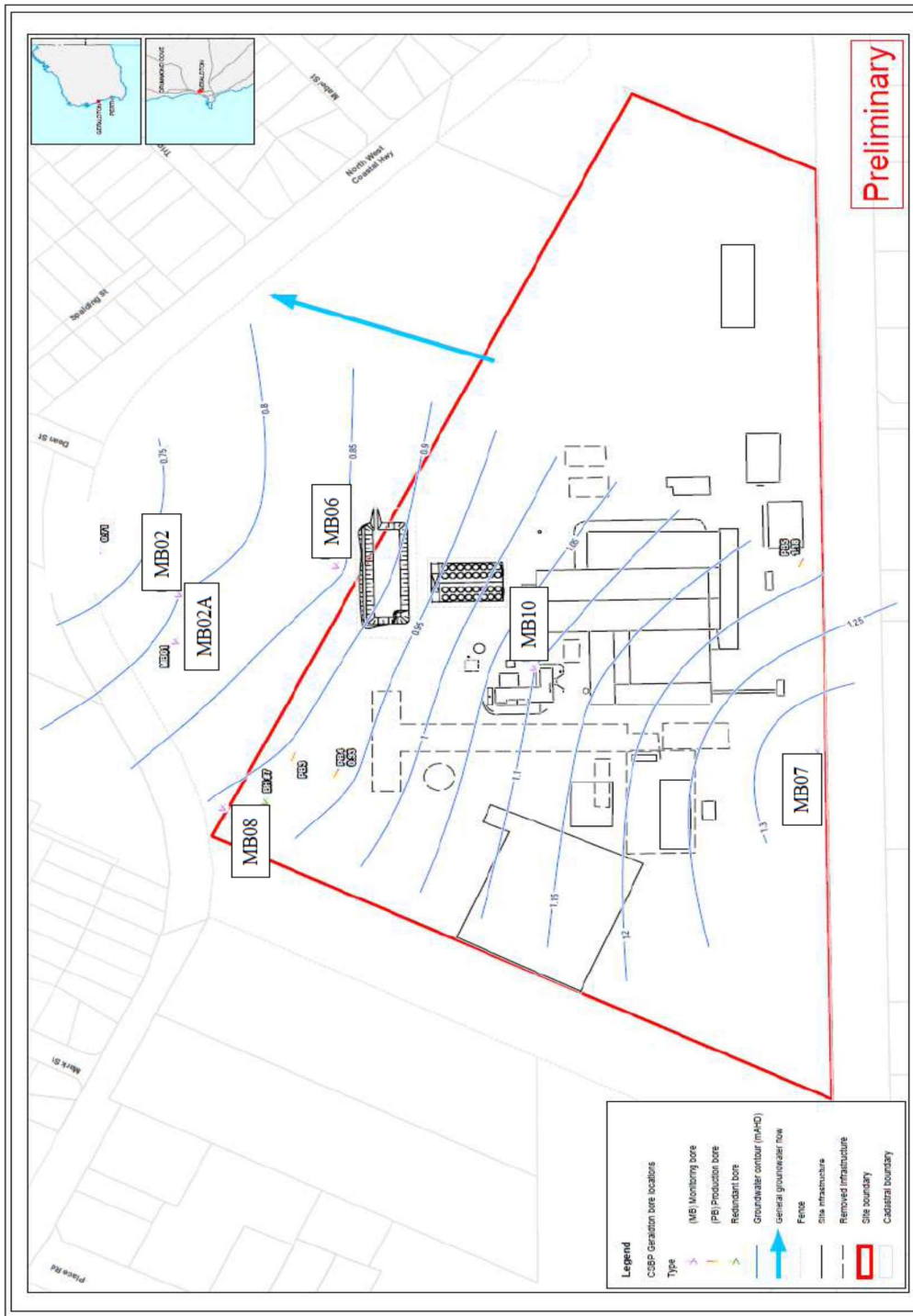
The locations of the emission points defined in Table 2.1.1 are shown below.

- Soakwells that infiltrate to ground (1, 4, 5, 6 & 7)
- Soakwells that drains to Pond 1 (2 & 3)
- L1 Overflow discharge to infiltration area from Pond 1 and soakwell 7. Infiltration area (442m²)



Map of monitoring locations

Location of ambient groundwater monitoring points defined in table 3.4.1.



Schedule 2: Prescribed Premises Categories

The Premises prescribed Categories under Schedule 1 of the *Environmental Protection Regulations 1987* are listed in the table below. Prescribed Premises categories.

Classification of Premises	Category Description	Category production or design capacity	Approved Premises production or design capacity
33	Chemical blending or mixing: premises on which chemicals or chemical products are mixed, blended or packaged in a manner that causes or is likely to cause a discharge of waste into the environment.	500 tonnes or more per annual period	507 000 tonnes per annual period

Schedule 3: Notification forms

Licence: L8841/2014/1

Form: LR1

Name: Monitoring of emissions to land

Licensee: CSBP Limited

Period :

Monitoring point reference	Parameter	Result	Averaging Periods	Method	Sample date & times
Pond 1 Soaks 1-6	pH		Spot sample		
	Aluminium (Al)	mg/L			
	Ammoniacal Nitrogen (NH ₃ -N)	mg/L			
	Chromium (Cr)	mg/L			
	Copper (Cu)	mg/L			
	Lead (Pb)	mg/L			
	Magnesium (Mg)	mg/L			
	Manganese (Mn)	mg/L			
	Potassium (K)	mg/L			
	Sulphur (S)	mg/L			
	Sulphate (SO ₄)	mg/L			
	Total Dissolved Solids (TDS)	mg/L			
	Total Nitrogen (TN)	mg/L			
	Total Phosphorus (TP)	mg/L			
	Zinc (Zn)	mg/L			

Signed on behalf of CSBP Limited: Date:

Licence: L8841/2014/1
 Form: AGWQ1
 Name: Ambient groundwater quality monitoring

Licensee: CSBP Limited
 Period :

Monitoring point reference	Parameter	Result	Averaging Periods	Method	Sample date & times
Monitoring bores: MB02 or MB02A MB06 MB07 MB08 MB10	Standing Water Level (SWL)	m(AHD)	Spot sample		
	pH	-			
	Aluminium (Al)	mg/L			
	Ammoniacal Nitrogen (NH ₃ -N)	mg/L			
	Chromium (Cr)	mg/L			
	Copper (Cu)	mg/L			
	Iron (Fe)	mg/L			
	Lead (Pb)	mg/L			
	Potassium (K)	mg/L			
	Sulphur (S)	mg/L			
	Sulphate (SO ₄)	mg/L			
	Total Nitrogen (TN)	mg/L			
	Total Phosphorus (TP)	mg/L			
	Zinc (Zn)	mg/L			

Signed on behalf of CSBP Limited: Date: