Government of Western Australia
Department of Water and Environmental Regulation

# Licence

| | |
|---|---|
| **Licence number** | L8669/2012/2 |
| **Licence holder** | CSBP Limited |
| **ACN** | 008 668 371 |
| **Registered business address** | Level 14, Tower 2<br>Brookfield Place<br>123 St Georges Tce<br>PERTH WA 6000 |
| **DWER file number** | DER2014/000904 |
| **Duration** | 13/12/2021 to 12/12/2041 |
| **Date of amendment** | 06/05/2024 |
| **Premises details** | CSBP Albany Fertiliser Depot<br>198 Hanrahan Road<br>ALBANY WA 6330<br>Legal description -<br>Part of Lot 211 on Plan 416231<br>Certificate of Title Volume 2818 Folio 699 |

| **Prescribed premises category description (Schedule 1, *Environmental Protection Regulations 1987*)** | **Assessed production capacity** |
|---|---|
| Category 33: Chemical blending or mixing | 416,000 tonnes per annual period |

This licence is granted to the licence holder, subject to the attached conditions, on 06 May 2024, by:

Caron Goodbourn
Digitally signed by Caron Goodbourn
Date: 2024.05.06 12:19:04 +08'00'

**MANAGER, PROCESS INDUSTRIES**
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

# Licence history

| Date | Reference number | Summary of changes |
|---|---|---|
| 13/12/2012 | L8669/2012/1 | New licence granted |
| 19/12/2013 | L8669/2012/1 | Licence amendments to treated wastewater off-site discharge targets and limits |
| 10/03/2016 | L8669/2012/1 | Licence amendment to remove conditions including discharge targets, dust management, hydrocarbon storage and solid waste disposal conditions and other minor amendments applied |
| 29/04/2016 | L8669/2012/1 | Expiry date amended to 12/12/2021 |
| 06/02/2017 | L8669/2012/1 | Amendment Notice: Licence amendment to update registered business address |
| 12/03/2021 | W6465/2020/1 | Changes to existing infrastructure and new infrastructure for construction primarily linked to future boundary changes |
| 08/12/2021 | L8669/2012/2 | Renewed licence granted |
| 06/05/2024 | L8669/2012/2 | Licence holder-initiated amendment to reflect works completed under works approval W6465/2020/1, including updated stormwater management infrastructure, updated groundwater monitoring bore reference points, updated premises boundary and cadastral description, updated premises map and a new map reflecting groundwater monitoring bore locations.<br>Administrative amendment to update licence format and conditions set, including addition of infrastructure table and inclusion of operational controls relating to wastewater and stormwater management. |

# Interpretation

In this licence:

(a) the words ‘including’, ‘includes’ and ‘include’ in conditions mean “including but not limited to”, and similar, as appropriate;

(b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;

(c) where tables are used in a condition, each row in a table constitutes a separate condition;

(d) any reference to an Australian or other standard, guideline, or code of practice in this licence:

  (i) if dated, refers to that particular version; and

  (ii) if not dated, refers to the latest version and therefore may be subject to change over time;

(e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and

(f) unless specified otherwise, all definitions are in accordance with the EP Act.

**NOTE:** This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

# Licence conditions

The licence holder must ensure that the following conditions are complied with:

## Infrastructure and equipment

**1.** The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1.

**Table 1: Infrastructure and equipment requirements**

| | Site infrastructure and equipment | Operational requirements | Infrastructure location Schedule 1: Maps |
|---|---|---|---|
| 1. | All infrastructure | Stormwater run-off, such as water from roofs and site drainage, must not enter fertiliser, raw material and product storage areas. | - |
| 2. | Sludge beds | The sludge beds must:<br>(a) be adequately bunded to contain surface runoff of leachate or sludge; and<br>(b) return sludge leachate from the storage area back to the lined pond. | As depicted in Figure 2. Labelled as:<br>'Sludge beds' |
| 3. | Unlined drainage system including:<br>• Northern and southern unlined drains;<br>• Concrete overflow mechanism; and<br>• Unlined pond (SW8) | Concrete overflow mechanism for untreated stormwater must be managed in a manner such that:<br>(a) it is maintained on the northern unlined drain and allows the unlined pond (SW8) to overflow to the concrete channel and discharge to the V-notch weir discharge point (SW4); and<br>(b) remains connected from the northern unlined drain from a concrete weir box set at an overflow height of 7.4 mAHD. | As depicted in Figure 2. Labelled as:<br>'Northern unlined drain'<br>'Southern unlined drain'<br>'SW8 Unlined pond' |

| | Site infrastructure and equipment | Operational requirements | Infrastructure location Schedule 1: Maps |
|---|---|---|---|
| 4. | Lined drainage system including:<br>• Lined drain; and<br>• Pond (SW11) lined with 0.76 mm thick polyvinyl chloride (PVC) covered with a 400 mm thick layer of sand and gravel | Potentially contaminated stormwater and wastewater from operations must be captured within the lined drainage system and directed to the lined pond (SW11).<br>The lined pond must be managed in a manner such that:<br>(a) stormwater run-off resulting from site drainage is prevented from entering the pond or causing the erosion of outer pond embankments; and<br>(b) vegetation (emergent or otherwise) is prevented from encroaching onto inner pond embankments.<br>Overflow of the lined pond must be reported to the CEO as soon as practicable but no later than 5pm of the next usual working day. | As depicted in Figure 2. Labelled as:<br>'Lined drain'<br>'SW11 Lined pond' |
| 5. | Wastewater treatment plant (WWTP) including high density polyethylene (HDPE) treated wastewater pipeline | The WWTP must be managed in a manner such that:<br>(a) potentially contaminated stormwater and wastewater from the lined pond must be directed to the WWTP except during overflow events caused by rainfall; and<br>(b) uncontrolled loss of wastewater from the WWTS and its associated pipework is prevented. | As depicted in Figure 2. Labelled as:<br>'WWTP' |
| 6. | • Concrete V-notch weir discharge point (SW4); and<br>• Concrete discharge channel (discharges to Munster Hill Drain) | Wastewater must not be discharged to the environment except via the V-notch weir (discharge point SW4) and discharge channel to the Munster Hill Drain as shown on the site infrastructure plan in Schedule 1, Figure 2. | As depicted in Figure 2. Labelled as:<br>'SW4 V-notch weir discharge'<br>'Discharge channel'<br>'Munster Hill drain' |

# Emissions and discharges

## Wastewater discharge

**2.** The licence holder must ensure that the emission specified in Table 2, is discharged only from the corresponding discharge point and only at the corresponding discharge point location.

**Table 2: Authorised discharge points**

| Emission | Discharge point | Discharge point location |
|---|---|---|
| Wastewater | SW4 V-notch weir discharge point | As shown in Figure 2, labelled as 'SW4 V-notch weir discharge' |

**3.** The licence holder must ensure that emissions from the discharge point listed in Table 3 for the corresponding parameter do not exceed the corresponding limit when monitored in accordance with condition 4, except where the limit listed in Table 3 is exceeded during an overflow event caused by rainfall.

**Table 3: Emission and discharge limits**

| Discharge point | Parameter | Limit |
|---|---|---|
| SW4 V-notch weir discharge (as shown in | pH | Not less than 4.5 or greater than 10.5 |
| | Total phosphorus | Concentration not greater than 3mg/L |

| | | |
|---|---|---|
| Schedule1, **Error! R eference source not found.**) | Cadmium | Concentration not greater than 0.025mg/L |
| | Mercury | Concentration not greater than 0.0005mg/L |
| | Lead | Concentration not greater than 0.01mg/L |
| | Copper | Concentration not greater than 0.025mg/L |
| | Zinc | Concentration not greater than 0.025mg/L |

# Monitoring

## Surface water discharge monitoring

**4.** The licence holder must monitor emissions in accordance with the requirements specified in Table 4 and record the results of all such monitoring.

**Table 4: Surface water discharge monitoring**

| Discharge point | Monitoring location | Parameters | Frequency | Unit | Method |
|---|---|---|---|---|---|
| SW4 | SW4 V-notch weir discharge (as shown in Schedule1, Figure 2). | Cumulative water flow of all discharge via the v-notch weir discharge point to Munster Hill Drain. | Continuous (when flowing) | $m^3$ | - |
| | | pH[1] | Weekly composite sample (when discharging)<br><br>Daily spot sample when the lined pond overflows and causes discharge | - | AS/NZS 5667.1 |
| | | Total nitrogen (TN)[2] | | mg/L | |
| | | Ammonia-nitrogen ($NH_3$-N)[2] | | | |
| | | Total phosphorus (TP)[2] | | | |
| | | Total dissolved solids (TDS)[2] | | | |
| | | Total suspended solids (TSS)[2] | | | |
| | | Aluminium (Al) | | | |
| | | Cadmium (Cd) | | | |
| | | Calcium (Ca)[2] | | | |
| | | Chromium (Cr) | | | |
| | | Cobalt (Co) | | | |
| | | Copper (Cu) | | | |
| | | Fluoride (F) | | | |
| | | Iron (Fe) | | | |
| | | Lead (Pb) | | | |
| | | Magnesium (Mg)[2] | | | |
| | | Manganese (Mn) | | | |
| | | Mercury (Hg) | | | |
| | | Molybdenum (Mo) | | | |
| | | Nickel (Ni) | | | |
| | | Potassium (K) | | | |
| | | Sulphate ($SO_4$)[2] | | | |
| | | Sulphur (S) | | | |
| | | Zinc (Zn) | | | |

Note 1: In-situ non-NATA accredited analysis permitted.
Note 2: Alternative sample preservation and storage permitted.

## Ambient groundwater monitoring

**5.** The licence holder must undertake groundwater monitoring in accordance with the requirements specified in Table 5 and record the results of all such monitoring.

**Table 5: Groundwater monitoring**

| Monitoring point reference | Parameter | Unit | Frequency | Method |
|---|---|---|---|---|
| Groundwater monitoring | pH[1] | - | March, | AS/NZS 5667.11 |

| | | | | |
|---|---|---|---|---|
| bores: C2, C4, C6, C8A, C12A, C17A and AW19 (as shown in Schedule 1, Figure 3) | Conductivity[1] | dS/m | June, September, December (unless monitoring bore is dry) | |
| | Ammonia nitrogen ($NH^3$-N)[2] | mg/L | | |
| | Total Nitrogen (TN)[2] | | | |
| | Total Phosphorus (TP)[2] | | | |
| | Total Dissolved Solids (TDS) | | | |
| | Aluminium (Al) | | | |
| | Arsenic (As) | | | |
| | Cadmium (Cd) | | | |
| | Calcium (Ca) | | | |
| | Chromium (Cr) | | | |
| | Chloride (Cl) | | | |
| | Cobalt (Co) | | | |
| | Copper (Cu) | | | |
| | Fluoride (F) | | | |
| | Iron (Fe) | | | |
| | Lead (Pb) | | | |
| | Magnesium (Mg) | | | |
| | Manganese (Mn) | | | |
| | Mercury (Hg) | | | |
| | Molybdenum (Mo) | | | |
| | Nickel (Ni) | | | |
| | Potassium (K) | | | |
| | Sulphur (S) | | | |
| | Sulphate ($SO_4$) | | | |
| | Tin (Sn) | | | |
| | Vanadium (V) | | | |
| | Zinc (Zn) | | | |

Note 1: In-situ non-NATA accredited analysis permitted.
Note 2: Alternative sample preservation and storage permitted.

**6.** The licence holder must ensure that all non-continuous sampling and analysis undertaken pursuant to conditions 4 and 5 is undertaken by a holder of a current accreditation from the National Association of Testing Authorities (NATA) for the methods of sampling and analysis relevant to the corresponding relevant parameter.

## Records and reporting

**7.** The licence holder must, within 14 days of becoming aware of any non-compliance with condition 3 of this licence, notify the CEO in writing of that non-compliance and include in that notification the following information:

(a) which condition was not complied with;

(b) the time and date when the non-compliance occurred;

(c) if any environmental impact occurred as a result of the non-compliance and if so what that impact is and where the impact occurred;

(d) the details and result of any investigation undertaken into the cause of the non-compliance;

(e) what action has been taken and the date on which it was taken to prevent the non-compliance occurring again; and

(f) what action will be taken and the date by which it will be taken to prevent the non-compliance occurring again.

**8.** The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:

(a) the name and contact details of the complainant, (if provided);

(b) the time and date of the complaint;

(c) the complete details of the complaint and any other concerns or other issues raised; and

(d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.

**9.** The licence holder must:

(a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and

(b) prepare and submit to the CEO by no later than 31 August each year an Annual Audit Compliance Report in the approved form.

**10.** The licence holder must submit to the CEO by no later than 31 August each year, an Annual Environmental Report for the preceding annual period for the conditions listed in Table 6, and which provides information in accordance with the corresponding requirement set out in Table 6.

**Table 6: Annual Environmental Report**

| Condition | Requirement |
|---|---|
| - | 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 |
| - | Any changes to site boundaries, location of monitoring sites, extraction bores and surface drainage channels |
| Condition 3, Table 3 | Emission and discharge limits:<br>• Summary of any limits exceeded during the annual period.<br>• An assessment and interpretation of the data. |
| Condition 4, Table 4 | Surface water monitoring:<br>• Surface water discharge monitoring to include calculations of annual loadings for total nitrogen and total phosphorus discharged to Munster Hill Drain.<br>• An assessment and interpretation of the data including comparison to trends over the most current ten year period. |
| Condition 5, Table 5 | Groundwater monitoring:<br>• Groundwater monitoring data tabulated and in time series graphs for each monitoring well showing concentrations of all parameters over the most current ten year period.<br>• An assessment and interpretation of the data including comparison to trends over the most current ten year period. |
| Condition 8 | Complaints summary |
| Condition 9 | Compliance |

**11.** The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:

(a) the calculation of fees payable in respect of this licence;

(b) any maintenance of infrastructure that is performed in the course of complying with conditions 3, 4 and 5 of this licence;

(c) monitoring programmes undertaken in accordance with conditions 4 and 5 of this licence; and

(d) complaints received under condition 8 of this licence.

**12.** The books specified under condition 11 must:

(a) be legible;

(b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;

(c) be retained by the licence holder for the duration of the licence; and

(d) be available to be produced to an inspector or the CEO as required.

# Definitions

In this licence, the terms in Table 7 have the meanings defined.

**Table 7: Definitions**

| Term | Definition |
|---|---|
| ACN | Australian Company Number |
| Annual Audit Compliance Report (AACR) | means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website). |
| annual period | a 12-month period commencing from 1 July until 30 June of the immediately following year. |
| AS/NZS 5667.1 | means the Australian and New Zealand 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 5667.11 | means the Australian and New Zealand Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance on sampling of groundwaters.* |
| books | has the same meaning given to that term under the EP Act. |
| CEO | means Chief Executive Officer of the Department.<br>"submit to / notify the CEO" (or similar), means either:<br>Director General<br>Department administering the *Environmental Protection Act 1986*<br>Locked Bag 10<br>Joondalup DC WA 6919<br>or:<br>info@dwer.wa.gov.au |
| contaminated stormwater | means stormwater which has the potential to contain fertiliser products and other chemical contaminates. |
| Department | means the department established under section 35 of the *Public Sector Management Act 1994* (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3. |
| EP Act | *Environmental Protection Act 1986* (WA) |
| EP Regulations | *Environmental Protection Regulations 1987* (WA) |
| licence | refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within. |
| licence holder | refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted. |
| NATA | 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 | refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this licence. |
| prescribed premises | has the same meaning given to that term under the EP Act. |

| Term | Definition |
|---|---|
| stormwater | means water as a result of rainfall that has not come into contact with fertiliser products and chemical contaminants. |
| usual working day | means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia. |

**END OF CONDITIONS**

# Schedule 1: Maps

## Premises map

**The boundary of the prescribed premises is shown in the map below.**

**Figure 1: Map of the boundary of the prescribed premises**

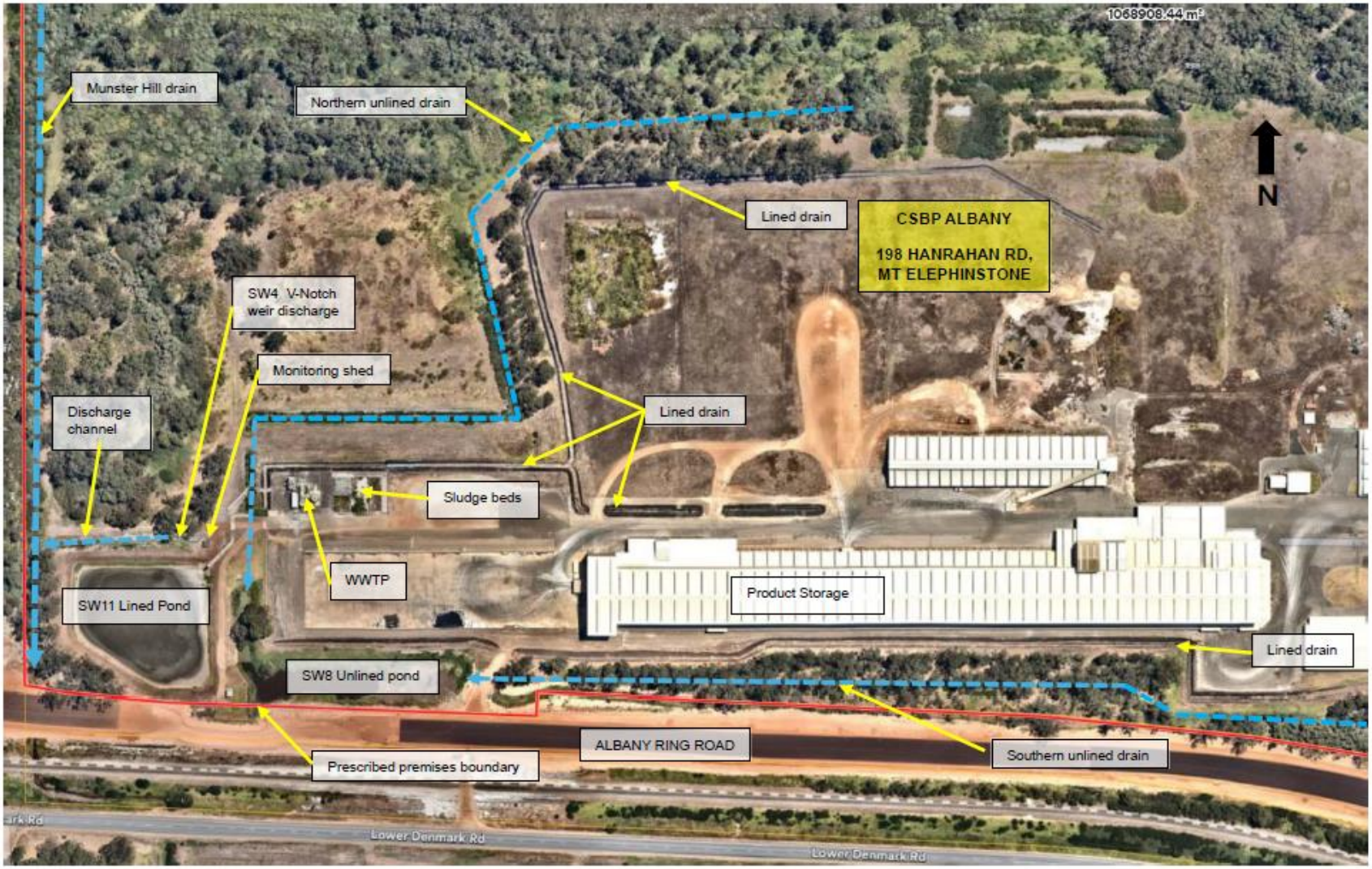


**Figure 2: Site layout**


**Figure 3: Map of groundwater monitoring points.**