Government of Western Australia
Department of Water and Environmental Regulation

Licence

Licence number	L8796/2013/1
Licence holder	Bendotti Exporters Pty Ltd
ACN	ACN 099 895 904
Registered business address	Lot 689 on Plan 175853 MANJIMUP WA 6258
DWER file number	DWERVT15340
Duration	14/03/2014 to 13/03/2028
Date of amendment	27/11/2024
Premises details	WA Chips Franklin Street MANJIMUP WA 6258 Legal description: Lot 689 on Deposited Plan 175853 Lot 3006 on Deposited Plan 46540 Certificate of Title Volume 1792 Folio 53 Certificate of Title Volume LR3165 Folio 448 As defined in Schedule 1 Figure 1 Premises Map

Prescribed premises category description (Schedule 1, *Environmental Protection Regulations 1987*)	**Assessed production capacity**
Category 18 – Food Processing: premises (other than premises within category 24) – (a) On which vegetables are, or fruit or meat is, preserved, cooked, dried, canned, bottled or processed; and (b) From which liquid waste is or is to be discharged onto land or into waters.	Not more than 8,000 tonnes (potatoes) processed per annual period (input)

This licence is granted to the licence holder, subject to the attached conditions, on 27 November 2024.

Caron Goodbourn
Digitally signed by Caron Goodbourn
Date: 2024.11.27 15:42:35 +08'00'

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

Licence history

Date	Reference number	Summary of changes
14/03/2014	L8796/2013/1	New licence issued for an existing premises
29/04/2016	L8796/2013/1	Amendment Notice to extend licence duration to 13 March 2028
19/11/2018	L8796/2013/1	Amendment to add improvement for the installation of 4 groundwater monitoring bores. Removal of redundant conditions. Changes to wastewater discharge and monitoring requirements. Changes to monitoring inputs and outputs.
20/07/2023	L8796/2013/1	Department initiated licence amendment that updates format, addition of further regulatory controls including improved monitoring, changes to the premises boundary and additional reporting requirements.
27/11/2024	L8796/2013/1	Licence holder-initiated amendment to add a pond aerator, solids separator and change the wastewater composition through the diversion of sodium acid pyrophosphate from the wastewater discharged into the on-site wastewater treatment and disposal system.

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 site infrastructure and equipment is maintained and operated in accordance with the requirements specified in Table 1.

Table 1: Infrastructure and equipment requirements

Item	Site infrastructure and equipment	Operational requirement	Infrastructure location
Potato Processing			
1	Potato processing facility consisting of: 1 x fully enclosed processing shed with concrete hardstand 2 x fully enclosed potato storage sheds with concrete floors 1 x waste hopper on concrete hardstand 1 x weighbridge 1 x solid's separator (potato skins)	(a) Not more than 8000 tonnes of potatoes must be processed per annual period (b) Each load of potatoes arriving must be measured at the weighbridge and recorded in tonnes. (c) All processing of potatoes including washing, cutting, boiling and fat/grease coating must be undertaken within the processing shed. (d) Potatoes awaiting processing must only be stored within enclosed sheds. (e) Potato solid waste must only be stored within the waste hopper or covered, plastic megabins. (f) The waste hopper and megabins must be emptied weekly, and wastes removed from the premises. (g) All Solid waste must be stored on a hardstand area, that captures and drains any leachate into the WWTP. (h) The weekly volume of potato solid waste removed from the premises must be recorded in tonnes. (i) All contaminated stormwater and wastewater, apart from diverted SAPP wastewater, must be directed to the bulk volume fermenter (BVF).	As shown in Schedule 1, Figure 2 as Processing facility Storage sheds Waste Hopper BVF Hardstand Waste pad
2	Gas-fired boiler with a maximum fuel consumption rate of 378 kg/hour - Discharge point A1	(a) All emissions to air from the gas-fired boiler must be discharged through stack A1. (b) Stack A1 must be maintained with an emission height of at least 10.1 magl, and free of any blockages.	As shown in Schedule 1, Figure 2 as A1
Wastewater treatment plant (WWTP)			
3	25kL SAPP Wastewater storage tank	(a) Wastewater containing sodium acid pyrophosphate (SAPP) must be diverted	As shown in Schedule 1,

Item	Site infrastructure and equipment	Operational requirement	Infrastructure location
		away from the wastewater stream for storage in a covered impervious 25kL storage tank. (b) A maximum of 20kL SAPP wastewater can be stored on site. (c) Wastewater tank to be inspected daily and logbook to be kept of inspection. (d) Logbook for inspection must include: i) A record of the inspector's name ii) Inspector's signature iii) Date and time of inspection iv) Any observations (e) All SAPP wastewaters must be carted off-site via a licensed controlled waste carrier for disposal to waste facility that is licensed to receive this class of wastewater.	Figure 2 as SAPP WW tank
4	Poly lined (HDPE) bulk volume fermenter (BVF) – capacity of 11.8 ML.	(a) Poly liner must be maintained and free of visible rips, tears, holes, or leaks. (b) All treated wastewater from the BVF must be directed via pipes to the transfer tank and pump station (TTPF)	As shown in Schedule 1, Figure 2 as BVF
5	10,000L transfer tank and pump station (TTPF)	(a) Transfer tank must be maintained free of leaks. (b) Pumps and pipes must be maintained free of leaks and blockages. (c) From the transfer tank wastewater must be directed via pipes to the aeration pond.	As shown in Schedule 1, Figure 2 as TTPF
6	Wastewater ponds consisting of: • 3,780 kL poly lined (HDPE) aeration pond with Maezzi LLC AirJection System • 7,688 kL clay lined facultative pond 1 • 6,912 kL clay lined facultative pond 2; and • 4,964 kL clay lined facultative pond 3 Including discharge point (L1) located on the outlet pipe of facultative pond 3 and Flow meter (M3) located on the outlet pipe of facultative pond 3	(a) A minimum 300 mm freeboard must be maintained on all ponds. (b) Wastewater must be pumped via pipes from the aeration pond (AP), then to the facultative pond 1 (FP1), facultative pond 2 (FP2) and finally facultative pond 3 (FP3) before being discharged through emission point L1. (c) All pipes and pumps must be regularly inspected to ensure they are kept free of leaks and blockages. (d) The Maezzi LLC AirJection System must be maintained and kept operational in the aeration pond. (e) Paddle wheels must be located and kept operational within the aeration pond -, facultative pond 1, facultative pond 2 and facultative pond 3. (f) Ponds must be regularly cleaned of excessive sludge or solids accumulations to ensure the efficient operation of the ponds. (g) Erosion of external and internal pond	As shown in Schedule 1, Figure 2 as AP FP1 FP2 FP3 L1 M3

Item	Site infrastructure and equipment	Operational requirement	Infrastructure location
		embankments of the aeration pond and facultative ponds 1, 2 and 3 must not occur. (h) Flow meter M3 must be maintained to be capable of recording the volumes of all discharges from facultative pond 3 at discharge point L1.	
7	Smith Brook Dam with: • 6m x 5m concrete spillway discharging into Smith Brook • Scour valve	(a) Scour valve must be maintained to allow the manual valve to be opened and reduce dam water levels.	As shown in Schedule 1, Figure 1 as Smith Brook Dam
Monitoring Bores			
8	Monitoring wells MW1, and MW2	(a) Must be maintained to allow groundwater samples to be collected.	As shown in Schedule 1, Figure 3 as MW 1 and MW2

Works

Wastewater treatment plant upgrades

2. The licence holder must submit to the CEO, by 31 December 2023, a detailed works proposal for an upgrade to the wastewater treatment plant. The works proposal must:

(a) be submitted before any works commence or infrastructure is brought to the site;

(b) demonstrate how the upgraded wastewater treatment plant will achieve the wastewater discharge trigger values outlined in condition 3;

(c) detail all proposed changes to the wastewater treatment infrastructure, including decommissioning of redundant infrastructure, and

(d) provide a timeline on the submission of a works approval application and commencement of works.

Emissions and discharges

Authorised emissions triggers

3. The licence holder must submit to the CEO a written report within 14 days of becoming aware of an exceedance of a trigger value in Table 2, when monitored in accordance with condition 7.

Table 2: Emission trigger values

Discharge point	Parameter	Trigger value
Discharge point L1 as shown in Schedule 1 Figure 2	Biochemical Oxygen Demand	>40 mg/L
	Oil and Grease	>5mg/L
	pH	<6.0 and >8.5

	Total Dissolved Solids	>1000mg/L
	Total Nitrogen	>10mg/L
	Total Phosphorous	>2mg/L
	Total Suspended Solids	>80mg/L

4. The report required by condition 3 must contain the following information:

(a) a description of the emission exceedance;

(b) the time and date when the exceedance occurred;

(c) whether any environmental impact occurred as a result of the exceedance and, if so, what that impact was and where the impact occurred;

(d) details of the management action(s) taken in response to resolving the exceedance; and

(e) the details and result of any investigation undertaken into the cause of the exceedance.

Ambient water emission triggers

5. The licence holder must submit to the CEO a written report within 14 days of becoming aware of an exceedance of a trigger value in Table 3, when monitored in accordance with condition 9.

Table 3: Ambient water quality trigger values

Monitoring location	Parameter	Trigger value
WQ1 as shown in Schedule 1 Figure 3	pH	<6.0 and >8.5
	Electrical conductivity	>2.226 dS/m
	Oil and grease	>5 mg/L
	Total nitrogen	>5 mg/L
	Total phosphorous	>0.05 mg/L
	Metals (total): aluminum;	>5 mg/L
	Metals (total): copper	>0.2 mg/L
	Metals (total): zinc	>2 mg/L

6. The report required by condition 5 must contain the following information:

(a) a description of the ambient concentration exceedance;

(b) the time and date when the exceedance occurred;

(c) whether any environmental impact occurred as a result of the exceedance and, if so, what that impact was and where the impact occurred;

(d) details of the management action(s) taken in response to resolving exceedance; and

(e) the details and result of any investigation undertaken into the cause of the exceedance.

Monitoring

Monitoring of emissions to water

7. The licence holder must monitor emissions to water in accordance with the

requirements specified in Table 4 and record the results of all such monitoring:

Table 4: Monitoring of emissions to water

Discharge point	Parameter	Units	Averaging period	Frequency	[2]Analysis detection limit
M3 as shown in Schedule 1 Figure 2	Discharge volume	m^3	Weekly	Weekly flow meter reading	-
L1 as shown in Schedule 1 Figure 2 and 3	Oil and grease	mg/L	Spot sample	Monthly when discharging	0.1 mg/L
	pH[1]	pH unit			-
	Electrical conductivity[1]	dS/m			0.001 dS/m
	Biochemical oxygen demand	mg/L			-
	Total dissolved solids				1 mg/L
	Total nitrogen				0.01 mg/L
	Total phosphorous				0.001 mg/L
	Total suspended solids				1 mg/L
	Metals (total): (aluminum; copper and zinc)				0.001 mg/L

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

Note 2: Minimal detection limit required for laboratory analysis.

Monitoring of groundwater

8. The licence holder must monitor groundwater water in accordance with the requirements specified in Table 5 and record the results of all such monitoring:

Table 5: Monitoring of groundwater

Monitoring point reference	Parameter	Units	Averaging period	Frequency	[2]Detection analysis limit
MW1 and MW2 as shown in Schedule 1 Figure 3	Standing water level[1]	m BGL	Spot sample	Quarterly in the months of March, June, September, and December	-
	pH[1]	pH unit			-
	Electrical conductivity[1]	dS/m			0.001 dS/m

	Total dissolved solids	mg/L			1 mg/L
	Total nitrogen				0.01 mg/L
	Nitrate-nitrogen				0.001 mg/L
	Ammonia- nitrogen				0.001 mg/L
	Total phosphorous				0.001 mg/L
	Reactive phosphorous				0.001 mg/L
	Total suspended solids				1 mg/L

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

Note 2: Minimal detection limit required for laboratory analysis.

Monitoring of surface water

9. The licence holder must monitor surface water in accordance with the requirements specified in

10. Table 6 and record the results of all such monitoring:

Table 6: Monitoring of surface water

Monitoring point reference and location	Parameter	Units	Averaging period	Frequency	[2]Detection analysis limit
WQ1 as shown in Schedule 1 Figure 3,	pH[1]	pH unit	Spot sample	Quarterly in the months of March, June, September and December	
	Electrical conductivity[1]	dS/m			0.001 dS/m
	Total dissolved solids	mg/L			1 mg/L
	Biochemical oxygen demand				
	Oil and grease				
	Total nitrogen				0.01 mg/L
	Total phosphorous				0.001 mg/L
	Total suspended solids				1 mg/L
	Total metals (aluminum, copper, zinc)				0.001 mg/L

Note 1: In-field non-NATA accredited analysis permitted.

Note 2: Minimal detection limit required for laboratory analysis.

11. The licence holder must ensure that:

(a) all water samples are collected by a certified water sampling technician;

(b) all surface water samples are collected and preserved in accordance with AS/NZS 5667.6;

(c) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;

(d) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;

(e) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured;

(f) all monitoring is undertaken in each monthly period such that there are at least 15 days between the days on which samples are taken in successive months, and

(g) all monitoring is undertaken in each quarterly period such that there are at least 45 days in between the days on which samples are taken in successive quarters.

Records and reporting

12. 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.

13. 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 1 March after the end of that annual period an Annual Audit Compliance Report in the approved form.

14. 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 condition 1 of this licence;

(c) monitoring programmes undertaken in accordance with conditions 7, 8 and 9 of this licence; and

(d) complaints received under condition 12 of this licence.

15. The books specified under condition 14 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.

16. The licence holder must submit to the CEO by no later than 1 March, an Annual Environmental Report for that annual period for the conditions listed in Table 7, and which provides information in accordance with the corresponding requirement set out in Table 7.

Table 7: Annual Environmental Report

Condition or table	Requirement
Condition 1, Table 1	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
	Reporting presented in tabulated format, including any trends for: • Monthly volume (tonnes) of potatoes received and processed on the premises; • Monthly volume (tonnes) of potatoes solid waste removed from the premises; • Copies of receipts from contractors removing all potato solid wastes from the premises.
	Provide copies of receipts and volume in metres cubed of the sludge removed from each of the WWTP including aerobic pond and facultative ponds 1-3
	Provide volume in kL of the SAPP wastewater removed offsite.
Condition 3, Table 2	Any exceedance of discharge emission trigger targets as set out in Table 2.
Condition 5 Table 3	Any exceedance of ambient surface water trigger values as set out in Table 3
Condition 7, Table 4	Monitoring of emissions to water as per Table 4 including: • Results of monitoring data presented in tabulated and graphical form, including the sampling date and field sampling sheets and NATA accredited laboratory sheets. • Volume (m^3) of water discharged from L1 each week presented in tabulated form, including the sampling date. • Trends of monitoring data and volume of treated water discharged L1 presented in graphical format (minimum 5 years data).
	Monthly and annual total load (kg/day) of the total nitrogen, total phosphorous, and BOD discharged to water at L1
Condition 8, Table 5	Results of groundwater monitoring as per Table 5 including: • Results of monitoring data presented in tabulated and graphical form, including the sampling date, field sampling sheets and NATA accredited laboratory sheets. • Trends of monitoring data presented in graphical format (minimum of 5 years, where available).
Condition 9, Table 6	Results of surface water monitoring as per Table 6 including: • Results of monitoring data presented in tabulated and graphical form, including the sampling date, field sampling sheets and NATA accredited laboratory sheets. • Trends of monitoring data presented in graphical format (minimum of 5 years, where available).
Condition 12	A summary of complaints recorded for the annual period.

Definitions

In this licence, the terms in Table 8 have the meanings defined.

Table 8: 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).
AER	Annual Environmental Report
annual period	a 12-month period commencing from 01 January until 31 December of that year.
AS/NZS 5667.1	means the current version of Australian/New Zealand Standard AS/NZS 5667.1 Water Quality – Sampling – Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples
AS/NZS 5667.6	means the current version of Australian/New Zealand Standard AS/NZS 5667.6 Water Quality – Sampling – Guidance on sampling on rivers and streams
AS/NZS 5667.10	means the current version of Australian/New Zealand Standard AS/NZS 5667.10 Water Quality – Sampling –Guidance on sampling wastewaters
AS/NZS 5667.11	means the current version of Australian/New Zealand Standard AS/NZS 5667.10 Water Quality – Sampling –Guidance on sampling of groundwaters
averaging period	means the time over which a limit or target is measured or a monitoring result is obtained.
BOD	Biological oxygen demand
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the Department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the *Environmental Protection Act 1986* Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au

Term	Definition
certified water sampling technician	means a qualified water sampling technician who: • holds a current certificate IV in Water Industry Operations or Laboratory Techniques or equivalent; and • has demonstrated experience in water sampling in accordance with Australian Standard 5667
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.
discharge	has the same meaning given to that term under the EP Act.
driller	means a suitable professional that has a minimum of 3 years' experience in drilling groundwater monitoring bores.
dS/m	Deci siemens per metre
emission	has the same meaning given to that term under the EP Act.
food	means raw, whole, and unwashed potatoes
freeboard	means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point
hardstand	means a surface with a permeability of 10^{-9} meters/second or less
laboratory samples	means all samples taken for the following parameters to be measured; biochemical oxygen demand; metals; oil and grease; total dissolved solids; total nitrogen; total phosphorous; and total suspended solids
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.
magl	metres above ground level
mbgl	metres below ground level
malfunction	means a piece of equipment or machinery which fails to function normally. This can include but is not limited to flow meters failing to record, over topping of tanks or breakdown of equipment.
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 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 maps (Figure 1 - 3) in Schedule 1 to this licence.
prescribed	has the same meaning given to that term under the EP Act.

Term	Definition
premises	
processed	refers to the transfer of whole potatoes from onsite storage to the potato processing facility where potatoes undergo washing, peeling, cutting and subsequent cooking or partial cooking and treatment with fats/oils to produce and package chips and wedges
quarterly	means the 4 inclusive periods from 1 January to 31 March, 1 April to 30 June, 1 July to 30 September and 1 October to 31 December
solid organic waste	means all waste potatoes, potato parts, chips, and potato peelings
spot sample	means a discrete sample representative at the time and place at which the sample is taken
treated wastewater	means wastewater that has been treated by the 'wastewater treatment plant'
waste	has the same meaning given to that term under the EP Act.
wastewater separator	means the solid organic wastewater separator
wastewater treatment plant	means the system for treating wastewater at the premises which comprises of a bulk volume fermenter, aeration pond, transfer tank and series of three facultative ponds as depicted in Schedule 1

END OF CONDITIONS

Schedule 1: Maps

Premises map

The following map outlines the boundary of the premises and surface way flow pathways (Figure 1)

Figure 1: Map of the boundary of the prescribed premises showing surface flow.

Site layout

The following map outlines the site layout outlying main infrastructure (Figure 2)

Figure 2: Map of the site layout of the premises.

Monitoring sites

The following map outlines the surface and groundwater monitoring locations (Figure 3).

Figure 3: Map of the surface and groundwater monitoring points within the premises