



<b>Licence number</b>	L8876/2015/2
<b>Licence holder</b>	Sassey Pty Ltd
<b>ACN</b>	008 996 156
<b>Registered business address</b>	6 Outram Street WEST PERTH WA 6005
<b>DWER file number</b>	DER2015/000071
<b>Duration</b>	30/11/2020 to 29/11/2025
<b>Date of issue</b>	24/11/2020
<b>Premises details</b>	Wise Wine 237 Eagle Bay Road NATURALISTE WA 6281  Legal description – Lot 101 on Plan 28068 and Lot 53 on Diagram 54855

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed production capacity
Category 25: Alcoholic beverage manufacturing: premises on which an alcoholic beverage is manufactured and from which liquid waste is or is to be discharged onto land or into water.	1,800 kilolitres per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 24 November 2020, by:

**MANAGER, PROCESS INDUSTRIES  
REGULATORY SERVICES**

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

## Licence history

Date	Ref number	Summary of changes
27/11/2014	W5741/2014/1	Works approval granted
26/11/2015	L8876/2015/1	Licence granted
2/02/2017	L8876/2015/1	Licence amendment to increase irrigation area from 3 hectares to 4.5 hectares
9/01/2018	L8876/2015/1	Licence amendment to increase wine production throughput from 1,400 kL per annual period to 1,800 kL per annual period, and associated increase in wastewater volumes generated to around 4,000 kL per annual period
24/11/2020	L8876/2015/2	New licence issued to replace expiring licence

## 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 requirement	Infrastructure location
Solids bin	1,000 L sealed container to contain slope screen solids	Labelled as “solids bin” in Schedule 1, Figure 2
Wastewater treatment	The WWTP, consisting of tanks on a	Labelled as “WWTP” in

Site infrastructure and equipment	Operational requirement	Infrastructure location
plant (WWTP)	<p>hardstand area, must be managed such that:</p> <ul style="list-style-type: none"> <li>• overtopping of tanks does not occur;</li> <li>• stormwater runoff is drained or pumped into the WWTP;</li> <li>• there is no discernible seepage loss from the WWTP; and</li> <li>• vegetation and floating debris (emergent or otherwise) are prevented from growing or accumulating in the WWTP.</li> </ul>	Schedule 1, Figure 2
Marc pad	<ul style="list-style-type: none"> <li>• a bunded hardstand area capable of preventing surface runoff of leachate</li> <li>• to contain marc, lees, basket screen solids and WWTP solids</li> </ul>	Labelled as "L2" in Schedule 1, Figure 1
Wastewater irrigation infrastructure	<ul style="list-style-type: none"> <li>• Automated travelling cannon spray system positioned within the irrigation area (L1)</li> </ul>	Not specified

## Emissions and discharges

### Emissions to land

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

**Table 2: Authorised emission/discharge points**

Emission point reference	Emission point description	Source including abatement	Discharge point location
L1	Irrigation area	Treated wastewater from WWTP, discharged to on-site irrigation area	Schedule 1: Maps, Figure 1
L2	Marc pad	Marc, lees and other organic solid wastes	Schedule 1: Maps, Figure 1

3. The licence holder must ensure that the waste types specified in Table 3 are only subjected to the corresponding process(es), subject to the corresponding process limits and/or specifications.

**Table 3: Waste processing**

Waste type	Process(es)	Process limits and/or specifications
Wastewaters from alcoholic beverage manufacturing	Treated in WWTP	Wastewaters, including wash down water, by-products wastewater and contaminated run-off, must be directed to the WWTP
Sludge	Disposed of off-site	Sludge is to be removed directly from the settling tanks or pre-aerobic tank by a licensed controlled waste contractor
Treated wastewater	Irrigation	Irrigated in accordance with conditions 4 and 5
Marc, lees and other	Spread on	Stored on marc pad prior to spreading on land for

Waste type	Process(es)	Process limits and/or specifications
organic solid wastes	vineyard	use as a soil conditioner

4. The licence holder must ensure treated wastewater is discharged to land only at the locations specified in Table 4, in accordance with the corresponding requirements listed in that table.

**Table 4: Authorised discharge of treated wastewater via irrigation**

Discharge point	Discharge (via irrigation) requirements
L1	<p>(a) Irrigation must occur only within the 4.5 ha irrigation area (L1);</p> <p>(b) no irrigation generated runoff, spray drift or discharge occurs beyond the boundary of the premises;</p> <p>(c) treated wastewater is evenly distributed over the irrigation area;</p> <p>(d) no soil erosion or ponding of wastewater occurs;</p> <p>(e) healthy vegetation cover is maintained over the wastewater irrigation areas (whilst irrigating the area); and</p> <p>(f) irrigation does not occur during periods of rainfall, onto flooded areas or to bare ground.</p>

### Emissions to land loading limits

5. The licence holder must ensure that treated wastewater is only discharged via irrigation to the specified discharge point(s) in accordance with the limits specified in Table 5.

**Table 5: Irrigation emission limits**

Emission point ref	Parameter	Limit (including units)	Averaging period
L1	Total nitrogen	300 kg/ha/annual period	Annual
	Total phosphorus	50 kg/ha/annual period	
	Biochemical oxygen demand (BOD)	30 kg/ha	Daily

## Monitoring

### General monitoring

6. The licence holder must ensure that:
- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
  - (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10; and
  - (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.
7. The licence holder must ensure that monthly monitoring is undertaken at least 15 days apart.
8. The licence holder must 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.
9. The licence holder must, 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.

## Monitoring of emissions to land

10. The licence holder must undertake the monitoring in Table 6 according to the specifications in that table.

**Table 6: Emissions and discharge monitoring**

Emission point reference	Monitoring point reference	Parameter	Units	Averaging period	Frequency
L1	M1 – outlet from the WWTP	Volumetric flow rate (cumulative)	m <sup>3</sup>	Monthly	Continuous
		pH <sup>1</sup>	-	Spot sample	Monthly while irrigating
		Electrical conductivity <sup>1</sup>	dS/m		
		Total nitrogen	mg/L		
		Total phosphorous			
		Total dissolved solids			
		Total suspended solids			
		BOD			

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

## Records and reporting

11. The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
- the calculation of fees payable in respect of this licence;
  - any maintenance of infrastructure that is performed in the course of complying with this licence;
  - monitoring programmes undertaken in accordance with condition 10 of this licence; and
  - complaints received under condition 13 of this licence.
12. The books specified under condition 11 must:
- be legible;
  - if amended, be amended in such a way that the original and any subsequent amendments remain legible or are capable of retrieval;
  - be retained by the licence holder for the duration of the licence; and
  - be available to be produced to an inspector or the CEO as required.
13. The licence holder must:
- undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
  - prepare and submit to the CEO by no later than 60 days after the end of that annual period an Annual Audit Compliance Report (AACR) in the approved form.
14. The licence holder must 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.
15. The licence holder must submit to the CEO an Annual Environmental Report by 30 June after the end of the annual period. The report must contain the information listed in Table 7 in accordance with the corresponding requirement set out in that table.

**Table 7: Annual Environmental Report**

Condition or table	Parameter
-	Summary of any failure of malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken
Table 6	Monitoring of emissions to land
	Monthly volumes of water irrigated to land
	Contaminant loading to land of parameters (total annual loading kg/ha/yr for nitrogen and phosphorous, average daily loading kg/ha/day for BOD
Condition 11	Complaints summary
Condition 13	Compliance

- 16.** The licence holder must ensure the Annual Environmental Report also contain an assessment of the information contained within the report against previous monitoring results and licence limits.

## Definitions

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

**Table 8: Definitions**

Term	Definition
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	means the 12 month period commencing from 1 April until 31 March of the immediately following year
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 <i>Water Quality – Sampling – Guidance of the design of sampling programs, sampling techniques and the preservation and handling of samples</i>
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.10 <i>Water Quality – Sampling – Guidance on sampling of waste waters</i>
averaging period	means the time over which a limit is measured or a monitoring result is obtained
BOD	biochemical 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 <i>Environmental Protection Act 1986</i> Locked Bag 10 JOONDALUP DC WA 6919 or: info@dwer.wa.gov.au
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (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
emission	has the same meaning given to that term under the EP Act
EP Act	<i>Environmental Protection Act 1986</i> (WA)
hardstand	means a surface with a permeability of $1 \times 10^{-9}$ metres/second or less
leachate	means liquid released by or water that has percolated through waste and which contains some of its constituents
lees	means the material which accumulates in the bottom of the grape juice or wine fermentation tanks
<u>licence</u>	means 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
marc	means grape material (mainly skin, pulp and seeds) which is left over after grape crushing and pressing
NATA	means the (Australian) National Association of Testing Authorities
NATA accredited	means in relation to the analysis of a sample that the laboratory is NATA

Term	Definition
	accredited for the specified analysis at the time of the analysis
premises	means 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
Schedule 1	means Schedule 1 of the Licence unless otherwise stated
Schedule 2	means Schedule 2 of the Licence unless otherwise stated
spot sample	means a discrete sample representative at the time and place at which the sample is taken
waste	has the same meaning given to that term under the EP Act

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**END OF CONDITIONS**



Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).

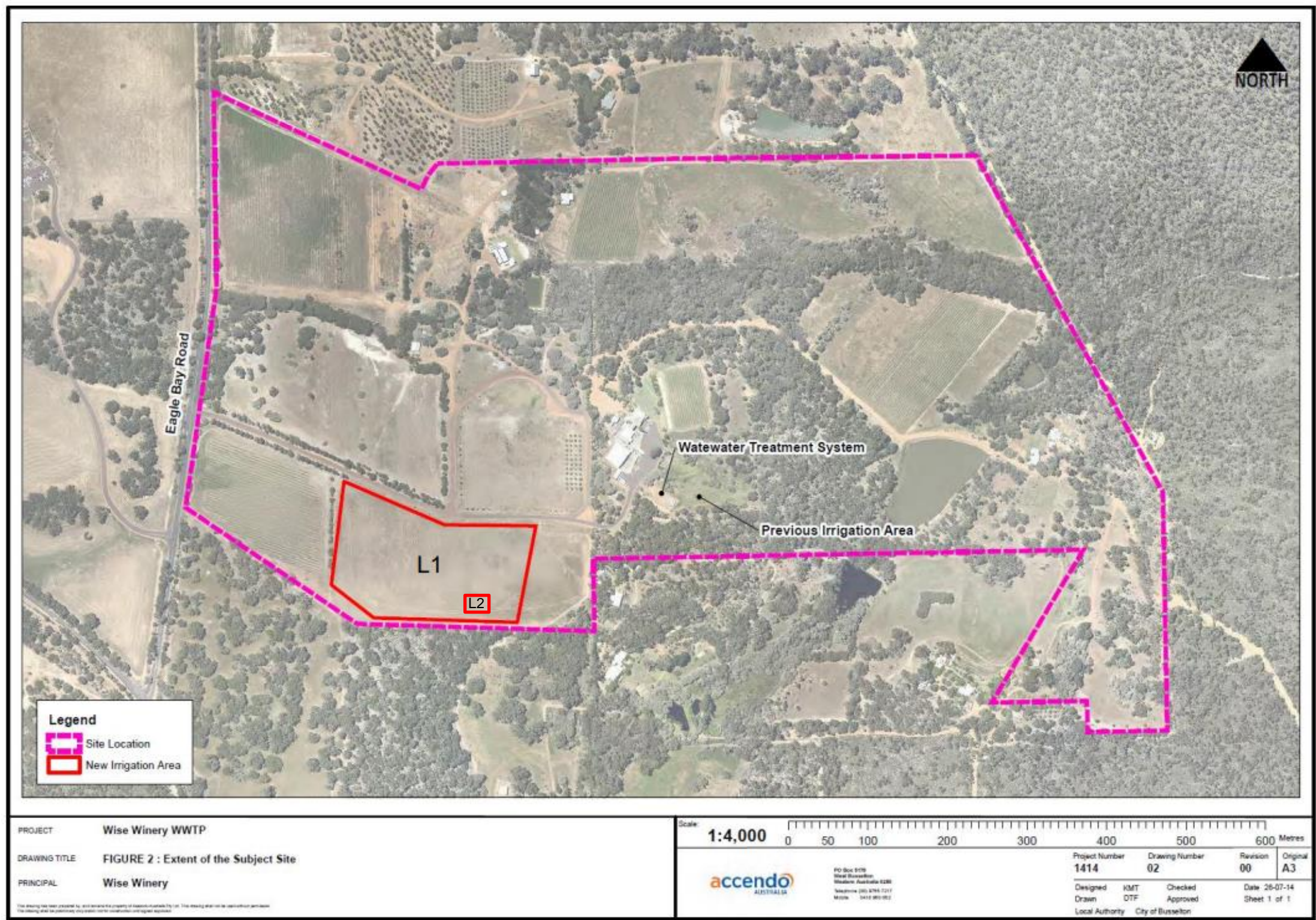


Figure 1: Map of the boundary of the prescribed premises

## Map of WWTP infrastructure and monitoring locations

The location of the WWTP and monitoring point defined in Table 6 is shown below (Figure 2).

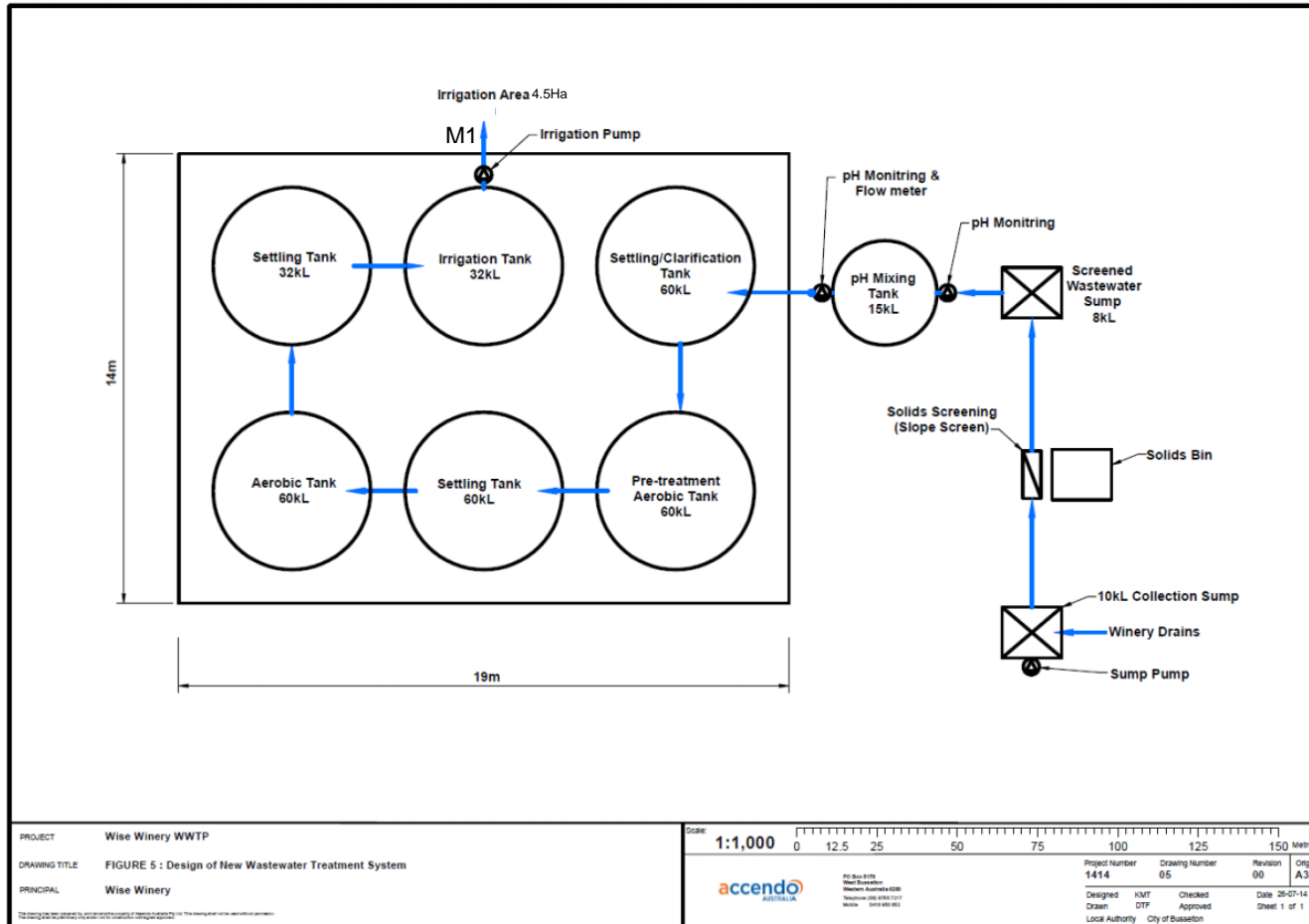


Figure 2: WWTP infrastructure and monitoring points