Government of Western Australia
Department of Water and Environmental Regulation

# Licence

| | |
|---|---|
| **Licence Number** | L2973/2025/1 |
| **Licence Holder** | Numans Accommodation Village Pty Ltd |
| **ACN** | 127 136 154 |
| **Registered business address** | 2/65 Prestige Pde<br>WANGARA WA 6065<br>PERTH WA 6000 |
| **Application number** | APP-0028333 |
| **Duration** | 30/09/2025 to 30/09/2045 |
| **Date of issue** | 30/09/2025 |
| **Premises** | Collie Hills Wastewater Treatment Plant<br>Hodd Road, COLLIE WA 6225<br>Lot 8 on Plan 14975<br>Certificate of Title Volume 1683, Folio 635<br>As defined by the coordinates in Schedule 1, Figure 1 of the Licence |

| **Prescribed premises category description (Schedule 1, *Environmental Protection Regulations 1987*)** | **Assessed design capacity** |
|---|---|
| Category 54 - Sewage facility | Not more than 60 $m^3$ per day |

This Licence is granted to the Licence Holder, subject to the following conditions, on 30 September 2025, by:

Adam Harbeck
Digitally signed by Adam Harbeck
Date: 2025.09.30 12:22:45 +08'00'

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

# Licence history

| Date | Reference number | Summary of changes |
|---|---|---|
| 30/09/2025 | L2973/2025/1 | APP-0028333. New licence granted for category 54. |

## 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

## Specified actions

**1.** The Licence Holder must ensure that the proposed works specified in Column 1 of Table 1 are designed and constructed to meet or exceed the specifications in Column 2 of Table 1 for the infrastructure in each row of Table 1.

**2.** The Licence Holder must not depart from the specifications in Table 1 except:

(a) where such departure is minor in nature and does not materially change or affect the infrastructure; or

(b) where such departure improves the functionality of the infrastructure and does not increase risks to public health, public amenity or the environment; and all other conditions in this licence are still satisfied.

**3.** The Licence Holder must within 30-days of each item of infrastructure listed in condition 1, Table 1 being constructed, and prior to the operation of that infrastructure:

(a) Undertake an audit of their compliance with the requirements of condition 1, and

(b) submit to the CEO a construction compliance audit report on that compliance.

**4.** The Licence Holder must ensure that the construction compliance audit report required under condition 3:

(a) contains certification by a suitably qualified professional engineer or builder that each item of infrastructure specified in condition 1, Table 1 has been constructed or installed in accordance with the conditions of the licence with no material defects; and

(b) is signed by a person authorised to represent the Licence Holder and contain the printed name and position of that person within the company.

**Table 1: Works specifications**

| Column 1 - Infrastructure | Column 2 - Specifications (design and construction) |
|---|---|
| MAIT controller | The licence holder must ensure that the:<br>• The MAIT base control system is located in the existing CHV administration office on site.<br>• MAIT to be connected to a new stand-alone PC.<br>• The new PC to be connected to the internet for off-site remote control.<br>• MAIT has its own radio system to communicate with a MAIT pump station unit located at the Biomax60 shed and with a MAIT field unit in the woodlot. |
| Allied Pumps submersible pump station and alarm | • Install new Allied Pumps Submersible Pump Station MODEL: FPG-3500V-D-415G-2CPPP-405931.<br>• Install a highwater level float / probe and connect to MAIT controller for operator and office alarm fault alert. |
| BioGill system | • Install 4 x BioGill Primes and recirculate wastewater with 4 new submersible pumps in Tank 9. |

| Column 1 - Infrastructure | Column 2 - Specifications (design and construction) |
|---|---|
| Phosflow System | • Install Phosflow system using “trough type” gravity tank between Tank 8 and Tank 9. |
| Alarm | Biomax Tank 1 and Tank 10<br>• Install a highwater level float / probe and connect to MAIT controller for operator and office alarm fault alert. |
| Automate air pump # 1 with MAIT | • Connect existing air pump to MAIT controller to control aeration on / off window according to seasonal and volume flow through water quality. |
| Automate air pump # 1 with MAIT | • Connect existing Air Pump to MAIT controller to control. aeration on / off window according to seasonal and volume flow through water quality. |
| Sludge Return Pump | Biomax Tank 9<br>• Install sludge return sludge pump and pipe to Tank # 1.<br>• Connect sludge return pump to MAIT controller. |
| Recirculation and chlorine | Biomax Tank 10<br>• Connect Dosing Pump and Chlorine Analyser to MAIT control system. |
| Auto-Backflush Sand Filters for approximately 10m$^3$/hr | • Install one set (pair) of sand filters to provide final filtration of treated and chlorinated wastewater before delivery to the irrigation system. |
| Concrete collection sump/pit | • Install a highwater level float / probe and connect to MAIT controller for operator and office alarm fault alert. |
| Pipe system after sand filters | • Install 2 x 0-800kPa pressure gauge mounted before and after the new sand filters. |
| 40mm x 1litre pulse output water meter | • Install new water meter and connect to MAIT controller to detect and log flowrate, total flows, daily flows, leaks and failure. |
| 4 x 40mm 12volt DC solenoid valves | • Install irrigation control valves on the existing mainline at the edge of the woodlot.<br>• 4 x irrigation zones connected to the MAIT field unit. |
| 1 x MAIT field control unit | • Install MAIT field unit with radio and solar panel charger.<br>• MAIT field unit must have 4 x DC outputs to control the 4 x solenoid valves and 1 x input to log data from 1 x soil moisture probe. |
| Irrigation mainlines | • Install approximately 300m x 50mm HDPE pipe 300mm deep for submains for the 4 x separate irrigation zones. |
| Irrigation sub-main and collector pipes | • Install approximately 600m x 40mm HDPE Lilac stripe pipe 300mm deep for submains and collector pipes.<br>• 25mm LDPE Lilac pipe 300mm deep for submains and collector pipes. |

| Column 1 - Infrastructure | Column 2 - Specifications (design and construction) |
|---|---|
| 1 x Soil Moisture Probe | • Install 1 x soil moisture probe next to LY2/TP2 location |
| 8,170sqm Dripline blackwater irrigation dispersal system | • Install 8,200m x Netafim Lilac 16mm Dripline.<br>• with CNL 3.5lph ASXR drippers x1m dripper spacing.<br>• Install inject dripline 100mm deep in 1.0m wide rows.<br>• Fit air vacuum valves at high points and flush valves at the end of dripline.<br>• Woodlot area fenced off with warning signs. |
| Irrigation area 1 (See Figure 2) | The Licence Holder must ensure that the black water irrigation area:<br>• Does not exceed 8170 $m^2$.<br>• Has a separation distance of at least 3 metres from the premises boundary fence internally, to assist in the management of wind drift of any treated wastewater irrigated to the irrigation area.<br>• Has signage installed around the boundary of the premises identifying irrigation of treated wastewater within the premises boundary.<br>• ensure HDPE pipes are used. |

## Infrastructure and equipment

**5.** The Licence Holder must ensure that the site infrastructure and equipment listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

**Table 2: Infrastructure and equipment requirements**

| Site infrastructure and equipment | Operational requirement | Infrastructure location |
|---|---|---|
| <u>WWTP</u><br>• Concrete pit with transfer pump<br>• inlet screen unit<br>• 3 x 25kL anoxic storage tanks<br>• 2 x 50kL anoxic tanks<br>• 1 x 25kL aerobic tank<br>• 2 x 50 kL aerobic tanks<br>• 1 x 50 kL settling and sludge tank<br>• 1 x 50kL clarification chamber | • Must be inspected daily (whilst operating) for any visible seepage and malfunction.<br>• A written log is required to be maintained for each inspection, with the record of each inspection signed by the responsible person.<br>• Must meet the following emission standards:<br>  • BOD - <20 mg/L<br>  • TSS - <30 mg/L<br>  • TN - <35 mg/L<br>  • TP - 5 mg/L<br>  • pH - 6.5 - 8.5<br>  • *E.coli* - <100 cfu/100ml | At the location shown in Schedule 1, Figure 1 labelled 'Map of the boundary of the prescribed premises and key infrastructure" |

| Site infrastructure and equipment | Operational requirement | Infrastructure location |
|---|---|---|
| • 1 x 50kL clarification and sludge tank<br>• 1 x 50kL chlorination and irrigation water storage tank<br>• Transfer and circulation Pumps<br>• Sodium hypochlorate dosing unit<br>• Alarm system.<br>WWTP – Biomax C60k with a design capacity of 60kL/day and current production capacity of 30kL/day | • Design capacity 60 cubic metres per day.<br>• Closed tank system.<br>• Fitted with Low alarms for chemicals, and high-level alarms for tanks and pumps/aerators faults.<br>• A bund around the perimeter of the unit and storage tanks able to contain any spills.<br>• Treated effluent is piped to spray field for discharge.<br>• Tanks within the Biomax C60k WWTP are operated and maintained with freeboard levels in accordance with the specifications in Figure 4 of schedule 1.<br>• Installed on either concrete or compact ground.<br>• All sewage storage and treatment tanks, vessels, transfer pipelines and conveyance infrastructure to be impermeable and free of leaks or defects.<br>• All sewage conveyance, storage and treatment infrastructure must be designed and constructed to ensure that stormwater does not enter the sewage treatment system and sewage and treated wastewater storage infrastructure.<br>• Chemicals, including sodium hypochlorite, must be stored separately within an above ground vessel/s located on a hardstand enclosed by bunds with a holding capacity of 110% of the total vessel/s contents. d) Chemicals must be stored in accordance with Australian Standard AS3780-2008 | |
| WWTP – SPRAY FIELD | The Licence Holder must ensure that:<br>• No more than 30 $m^3$ /day of treated blackwater effluent in total can be applied per day to the irrigation fields.<br>• No more than 3.5mm/day of treated blackwater effluent can be applied to irrigation field.<br>• The sprinkler system is designed to ensure that no spray drift will occur beyond the premises boundary fence line.<br>• The treated water is completely contained within the irrigation area.<br>• The irrigation pipework is identified by lilac-coloured pipes (for identification of non-potable treated water use).<br>• The pipeline must be inspected daily (whilst operating) for any visible seepage and malfunction. | At the location shown in Schedule 1, Figure 2 labelled “Black water irrigation and monitoring bore locations” |

| Site infrastructure and equipment | Operational requirement | Infrastructure location |
|---|---|---|
| | • Blackwater irrigation area must be 8170 $m^2$ in size.<br>• The woodlot area is fenced off with warning signs.<br>• There is an active program of biomass removal (weeds and woody material) from the area.<br>• Within 6 months of the licence issue date, to implement a soil sampling plan that aligns with the NSW wastewater irrigation guidelines (NSW DEC, 2004) to manage environmental risks and to assess the long-term performance of the irrigation system.<br>• The irrigation area is not accessible to the public (non-operational staff) at any time.<br>• Has signage placed around the boundary of the premises identifying irrigation of treated wastewater within the premises boundary. | |
| MB1, MB2, MB3, MB and existing bore labelled, WML BH5. | • To be operated and maintained to the manufacturer's specification. | At the locations shown in Schedule 1, Figure 2 |

## Infrastructure - inspection

**6.** The Licence Holder must undertake visual inspections of the infrastructure specified in Table 3:

(a) of the type; and

(b) at the corresponding frequency;

as set out in Table 3.

**Table 3: Inspections of infrastructure**

| Infrastructure (refer to Schedule 1:) | Type of inspection | Frequency |
|---|---|---|
| HDPE irrigation pipelines | For visual integrity and leak detection. | Monthly |
| Blackwater discharge outlets | For visual integrity of the discharge systems. | Monthly |
| WWTP blackwater irrigation spray field | Visual, to confirm treated wastewater has not discharged beyond the boundary of the irrigation area. | Monthly and after high rainfall events |

**7.** The Licence Holder must maintain a written log for each inspection activity required by condition 5, with the record of each inspection signed by the responsible person.

# Emissions and discharges

## Discharges to land

**8.** The Licence Holder must ensure that the emissions specified in Table 4 are discharged only from the corresponding discharge point and only at the corresponding discharge point location.

**Table 4: Authorised discharge points**

| Emission | Discharge point | Discharge point location |
|---|---|---|
| Treated sewage from the Biomax C60K WWTP | WWTP Black water spray field area<br>Zone 1- 4 | As shown in Schedule 1, Figure 3 |

**9.** The Licence Holder must determine the volume of wastewater discharged on daily basis.

**10.** The Licence Holder must ensure that emissions from the discharge points listed in condition 8 for the corresponding parameter do not exceed the corresponding limit when monitored in accordance with condition 10.

**Table 5: Emission limits**

| Discharge point | Parameter | Limit |
|---|---|---|
| Blackwater irrigation area (Figure 3) | Volumetric flow rate – treated wastewater | < 30 $m^3$/day |
| | pH | 6.5 – 8.5 |
| | Biochemical oxygen demand, 5-day | 20 mg/L |
| | Total suspended solids | 30 mg/L |
| | Total nitrogen | 35 mg/L |
| | Total phosphorus | 5 mg/L |
| | E. Coli | <100 cfu/100mL |

# Treated wastewater

**11.** The Licence Holder must ensure that treated wastewater piped to the irrigation spray field specified in Column 1 does not exceed the limits specified in Columns 2 and 3, in Table 6.

**Table 6: Emission limits**

| Discharge point | Total Nitrogen Limit (kg per year) | Total Phosphorous Limit (kg per year) |
|---|---|---|
| Blackwater irrigation spray field (Figure 3) | 165.4kg/ha/year | 26.5kg/ha/year |

**12.** The Licence Holder must demonstrate compliance with the limits specified in Condition 11, by:

(a) undertaking monitoring in accordance with Condition 16; and

(b) calculating an actual annual Total Nitrogen and Total Phosphorous by:

(i) using monthly Total Nitrogen and Total Phosphorous sampling results for that annual period; and

(ii) using the annual cumulative volume of treated wastewater applied to the locations specified in Table 4.

# Monitoring

## Monitoring general

**13.** The Licence Holder must ensure that:

(a) monitoring is undertaken in each weekly period such that there are at least 4 days in between the days on which samples are taken in successive weeks;

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

(c) 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.

**14.** 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.

**15.** The Licence Holder must ensure that all laboratory samples collected in accordance with conditions 16 and 18 are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.

## Emissions to land monitoring

**16.** The Licence Holder must monitor emissions in accordance with Table 7 and record the results of all such monitoring:

**Table 7: Emissions to land monitoring**

| Monitoring point or location | Parameter | Frequency | Averaging period | Unit | Method |
|---|---|---|---|---|---|
| | | | | | Sampling |
| Untreated Water Sampling valve #1<br>Treated Water Blackwater irrigation spray field for Zone 1 - 4 | Volumetric flow rate (cumulative) | Continuous | Quarterly | L/second<br>$m^3$/day | - |
| | pH[1] | Quarterly | Spot sample | - | AS/NZS 5667.1 and AS/NZS 5667.10 |
| | Biochemical oxygen demand, 5-day | | | mg/L | |
| | Total suspended solids | | | | |

| Monitoring point or location | Parameter | Frequency | Averaging period | Unit | Method |
|---|---|---|---|---|---|
| | | | | | Sampling |
| Treated Water Sample valve #2 (Figure 2 and Figure 3) | Total nitrogen | | | | |
| | Total phosphorus | | | | |
| | Chlorine | | | | |
| | Faecal coliforms *(E.coli)* | | | CFU/100mL | |

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

## Monitoring of inputs and outputs

**17.** The Licence Holder must undertake the monitoring in Table 8 according to the specifications in that table.

**Table 8: Monitoring of inputs and outputs**

| Input/Output | Monitoring point reference | Parameter | Units | Averaging period | Frequency |
|---|---|---|---|---|---|
| Sewage – Inlet Flow | Inflow meter Sample Valve 1 | Volumetric flow rate (cumulative) | $m^3$/day | Monthly | Continuous |
| Treated wastewater discharged to Zone 1 – Zone 4 | Outflow meter Sample Valve 2 | Volumetric flow rate (cumulative) | $m^3$/day | Monthly | Continuous |

## Ambient groundwater monitoring

**18.** The Licence Holder must monitor the groundwater for concentrations of the parameter listed in Table 9:

(a) at the corresponding monitoring location;

(b) in the corresponding unit;

(c) at no less that the corresponding frequency;

(d) for the corresponding averaging period; and

(e) using the corresponding method.

**Table 9: Monitoring of ambient groundwater**

| Monitoring location | Parameters | Unit | Frequency | Averaging period | Method |
|---|---|---|---|---|---|
| MB1, MB2, MB3, MB and existing bore | Standing water level[1] | mbgl | Quarterly | Spot sample | Sample in accordance with AS/NZS 5667.1 and 5667.11 |
| | pH[1] | - | | | |

| Monitoring location | Parameters | Unit | Frequency | Averaging period | Method |
|---|---|---|---|---|---|
| labelled, WML BH5, (Figure 2) | EC [1] | µS/cm | | | |
| | DO[1] | mg/L | | | |
| | Biochemical oxygen demand ($BOD_5$) | mg/L | | | |
| | Total dissolved solids (TDS) | | | | |
| | Ammonia ($NH_4$) as nitrogen | | | | |
| | Total Nitrogen (TN) | | | | |
| | Total phosphorus (TP) | | | | |
| | *Escherichia coli* | CFU or MPN / 100 mL | | | Sample in accordance with AS/NZS 5667.1 and 5667.11 |

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

## Record-keeping

**19.** 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.

**20.** 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 90 days after the end of that annual period an Annual Audit Compliance Report in the approved form.

**21.** The Licence Holder must submit to the CEO by no later than 90 days after the end of each annual period, an Annual Environmental Report for that annual period for the conditions listed in Table 10, and which provides information in accordance with the corresponding requirement set out in Table 10.

**Table 10: Annual Environmental Report**

| Condition | Requirement |
|---|---|
| Condition 6: Table 2: Infrastructure and equipment | A description of the field methodologies and timeframes biomass was removed from the irrigation sprayfield areas; and<br>How the quantities of biomass removed from the irrigation sprayfield areas was recorded |
| Condition 8: WWTP wastewater volumes | Tabulated data showing the calculated daily discharge rates including details of calculations/methods used. |
| Condition 16: Monitoring of WWTP emissions | Tabulated monitoring data results for each monitoring location showing concentrations of all parameters.<br>An interpretation of the monitoring data including comparison to historical trends, emission limits or expected manufacturer's maximum specifications.<br>Cumulative monthly volumes of treated effluent discharged to the irrigation areas.<br>Calculation of the annual nutrient loading rates applied to the irrigation areas during the annual period.<br>An assessment of actual plant growth against the total nutrient application rates.<br>A description of the field methodologies and timeframes the biomass from the irrigation sprayfield areas was removed.<br>How the quantities of biomass removed from the irrigation sprayfield areas will be recorded.<br>Include procedures used to measure and record the quantities of biomass removed from the irrigation spray field areas.<br>An interpretation of the soil monitoring data and whether there are potential adverse impacts on soil structure. |
| Condition 17: Table 8 | Monitoring of inputs and outputs |
| | Methodology and calculations used to estimate the daily volumetric flow rate of treated wastewater pumped to evaporation basins and results of those calculations. |
| Condition 18: Groundwater monitoring | Tabulated monitoring data results for each monitoring location showing concentrations of all parameters.<br>An interpretation of the monitoring data including comparison to historical trends and emission limits (where applicable).<br>Copies of original monitoring, laboratory and analysis reports submitted to the Licence Holder from third parties |
| Condition 20: Compliance | Annual Audit Compliance Report (AACR)<br>*Forms accessed at www.dwer.wa.gov.au* |

**22.** The Licence Holder must maintain accurate and auditable books that include the following records, information, reports, and data required by this licence:

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

(b) the works conducted in accordance with condition 1 of this licence;

(c) any maintenance of infrastructure that is performed in the course of complying with condition 2 of this licence;

(d) monitoring programmes undertaken in accordance with conditions 16, 17, and 18 of this licence; and

(e) complaints received under condition 19 of this licence.

**23.** The books specified under condition 22 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.

**24.** The Licence Holder must comply with a Department Request, within 14 days from the date of the Department Request or such other period as agreed to by the Inspector or the CEO.

**25.** The Licence Holder must, within seven days of becoming aware of any non-compliance with an emission limit specified in conditions 10 and 11 of the Licence, notify the CEO in writing of that non-compliance and include in that notification the following information:

(a) which emission limit 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.

# Definitions

In this licence, the terms in Table 11 have the meanings defined therein.

**Table 11: Definitions**

| Term | Definition |
|---|---|
| ACN | Australian Company Number |
| Annual Period | a 12-month period commencing from 1 January until 31 December |
| Approved form | The AACR Form template approved by the CEO for use and available via DWER's external website. |
| 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* |
| Books | has the same meaning given to that term under the EP Act. |
| CEO | means Chief Executive Officer.<br>CEO for the purposes of notification means:<br>Director General<br>Department Administering the *Environmental Protection Act 1986*<br>Locked Bag 10<br>JOONDALUP DC 6919<br>info@dwer.wa.gov.au |
| CFU | Colony-forming unit |
| Compliance Report | means a report in a format approved by the CEO as presented by the Licence Holder or as specified by the CEO (guidelines and templates may be available on the Department's website). |
| 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. |

| Term | Definition |
|---|---|
| Department Request | means a request for Books or other sources of information to be produced, made by an Inspector or the CEO to the Licence Holder in writing and sent to the Licence Holder's address for notifications, as described at the front of this Licence, in relation to:<br>(a) compliance with the EP Act or this licence;<br>(b) the Books or other sources of information maintained in accordance with this licence; or<br>(c) the Books or other sources of information relating to Emissions from the Premises. |
| Discharge | has the same meaning given to that term under the EP Act. |
| DWER | Department of Water and Environmental Regulation. |
| Emission | has the same meaning given to that term under the EP Act. |
| Environmental Harm | has the same meaning given to that term under the EP Act. |
| EP Act | means the *Environmental Protection Act 1986* (WA). |
| EP Regulations | means the *Environmental Protection Regulations 1987* (WA). |
| Freeboard | means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point |
| HDPE | Means high-density polyethylene |
| Implementation Agreement or Decision | has the same meaning given to that term under the EP Act. |
| Inspector | means an inspector appointed by the CEO in accordance with s.88 of the EP Act. |
| Licence | refers to this document, which evidences the grant of a Licence by the CEO under s.57 of the EP Act, subject to the Conditions. |
| Licence Holder | refers to the occupier of the premises being the person to whom this Licence has been granted, as specified at the front of this Licence. |
| Material Environmental Harm | has the same meaning given to that term under the EP Act. |
| m | means metres |
| m/s | means metres per second |
| mbgl | means metres below ground level |
| 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. |

| Term | Definition |
|---|---|
| Pollution | has the same meaning given to that term under the EP Act. |
| Premises | refers to the premises to which this Licence applies, as specified at the front of this Licence and as shown on the map in Schedule 1 to this Licence. |
| Prescribed Premises | has the same meaning given to that term under the EP Act. |
| Primary Activities | refers to the Prescribed Premises activities listed on the front of this Licence as described in Schedule 2, at the locations shown in Schedule 1. |
| Serious Environmental Harm | has the same meaning given to that term under the EP Act. |
| Unreasonable Emission | has the same meaning given to that term under the EP Act. |
| Waste | has the same meaning given to that term under the EP Act. |
| WWTP | Waste Water Treatment Plant |

## Schedule 1: Maps

### Premises map (Figure 1)


| Map Label | Easting | Northing |
|---|---|---|
| 01 | 64,582.366 | 311,417.267 |
| 05 | 64,790.279 | 311,387.685 |
| 07 | 64,957.823 | 311,599.411 |
| 08 | 64,912.264 | 311,629.860 |
| 10 | 64,668.159 | 311,608.941 |

**Figure 1: Map of the boundary of the prescribed premises and key infrastructure**

## Blackwater irrigation and monitoring bore locations

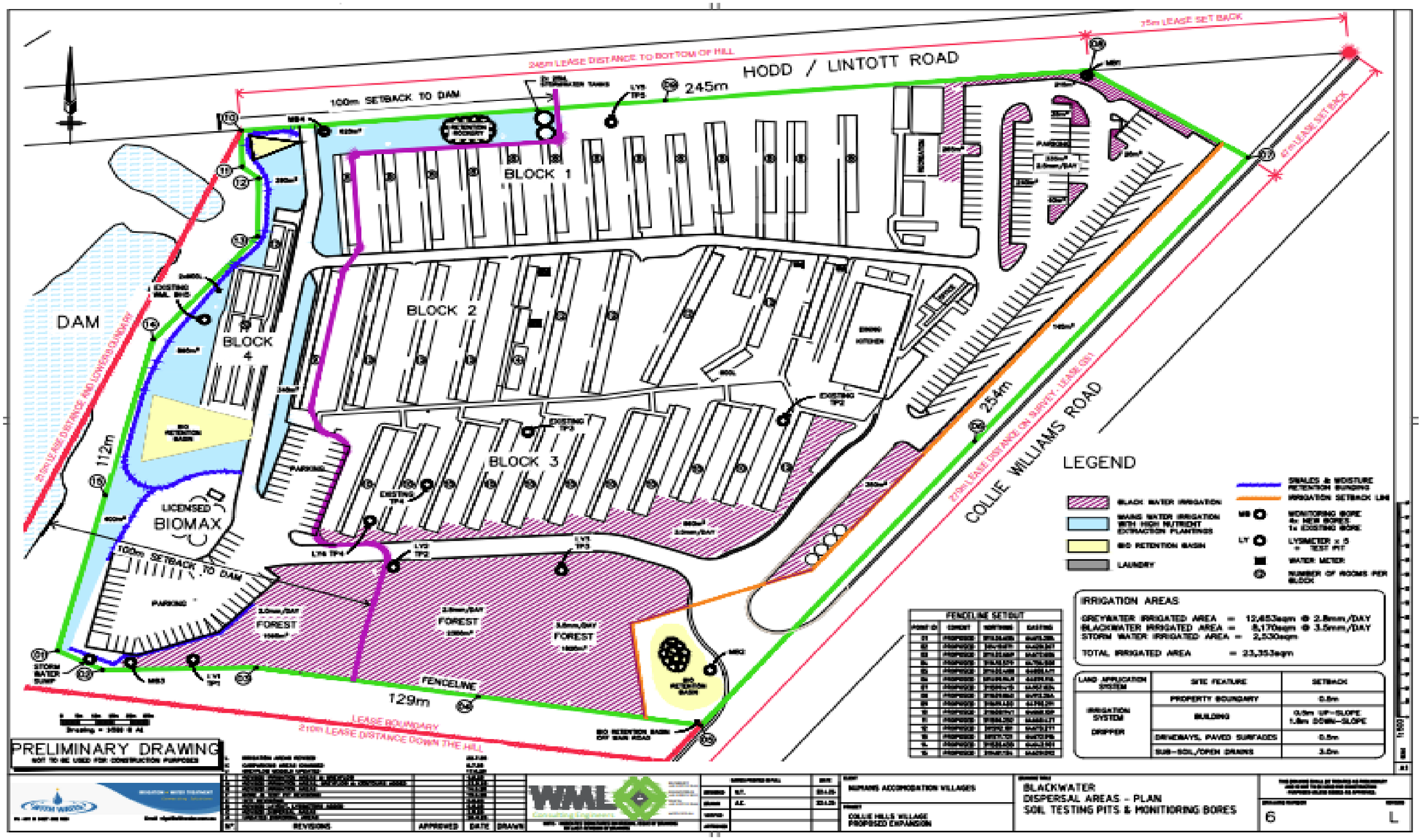


**Figure 2: Black water irrigation area and monitoring bore locations**

## Blackwater discharge

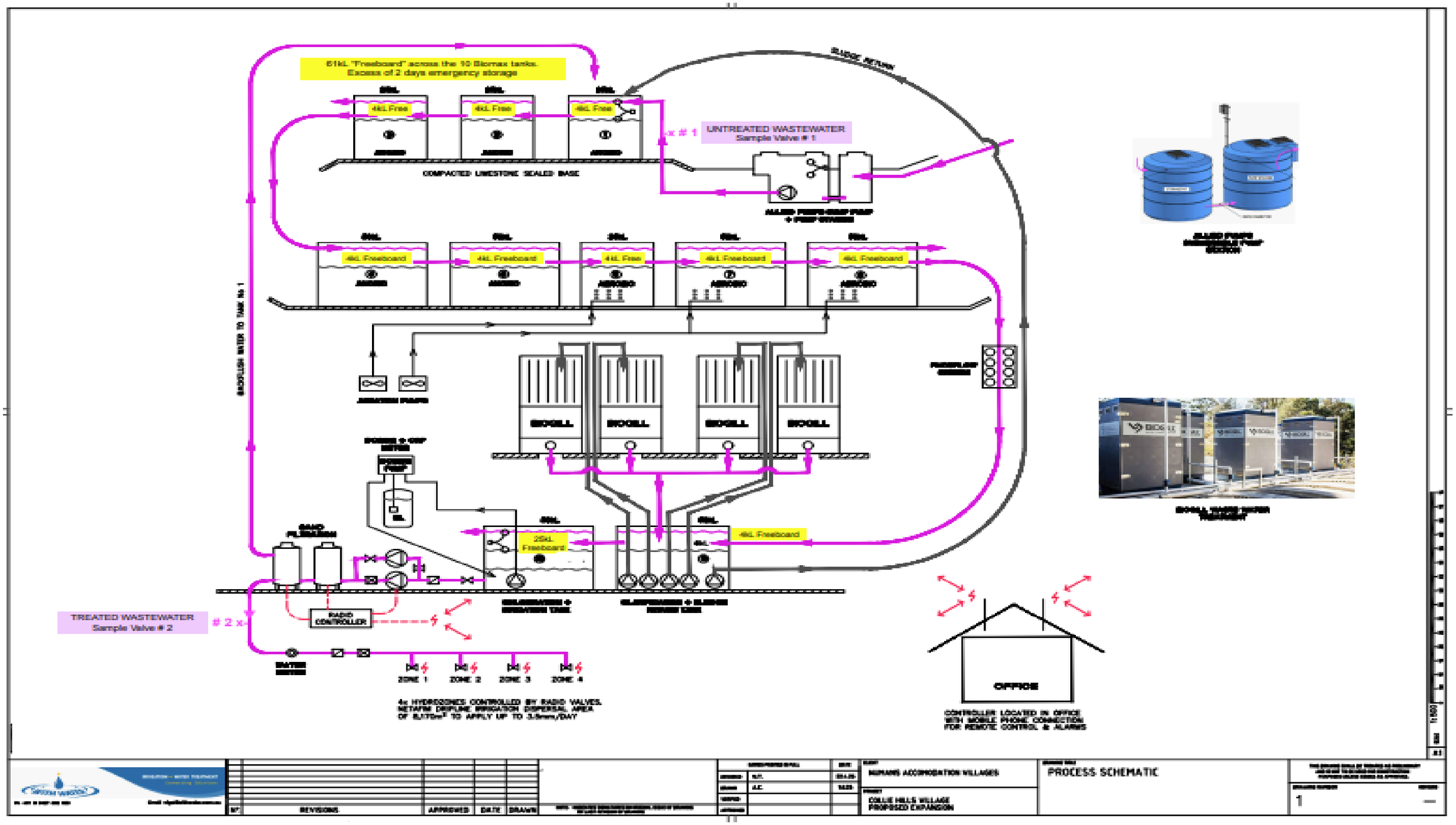


**Figure 3: WWTP Schematics and location of the black water discharge points**

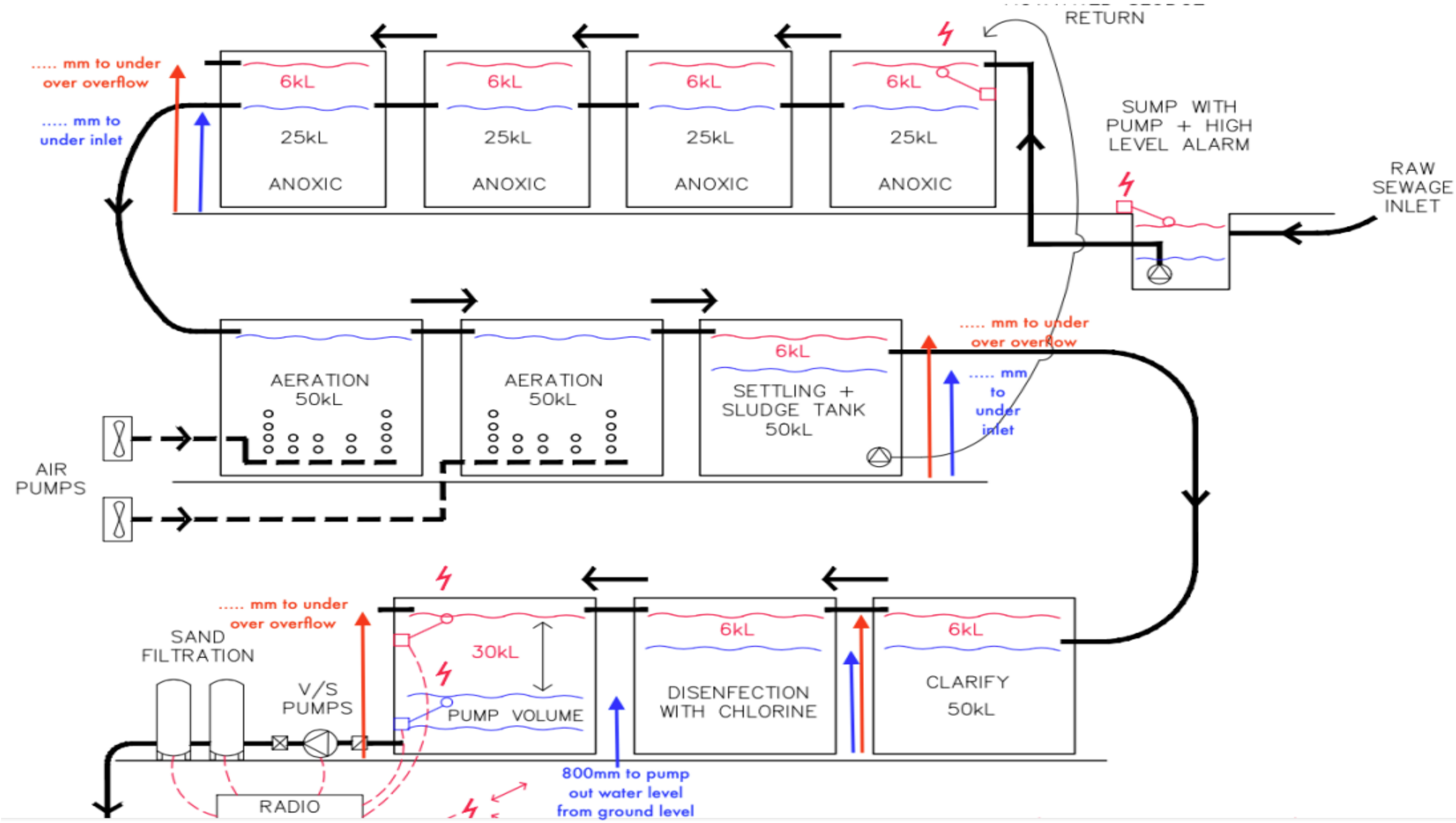


**Figure 4: Process schematics and tank freeboard levels**

# Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 12.

**Table 12: Premises boundary coordinates (GDA2020)**

| | Easting | Northing |
|---|---|---|
| 01 | 64,582.366 | 311,417.267 |
| 05 | 64,790.279 | 311,387.685 |
| 07 | 64,957.823 | 311,599.411 |
| 08 | 64,912.264 | 311,629.860 |
| 10 | 64,668.159 | 311,608.941 |