

Trust Taylex for Wastewater Treatment at home



Taylex

TAYLEX.COM.AU



**We manufacture a range
of wastewater treatment
systems for Australian
homes to produce safe,
clean water for re-use
in your garden.**



Trust Taylex

Welcome to Taylex, an Australian family-owned company founded in 1969. We have 70 plus employees and over 80 trained distributors who market, install and service our range nationally in Australia and New Zealand. Post installation, we have a network of over 300 trained Service Technicians to provide the ongoing care and maintenance for your system.

We manufacture a range of products for Wastewater, Rainwater and Stormwater, we also offer Servicing for our wastewater systems. Taylex was the first company to manufacture Home Sewage Treatment Systems in Australia and we continue to be leaders our field.

Expertise

Over 50 years of experience, building our reputation as the most trusted brand. Taylex leads the industry, whether it be leading industry bodies or working with governing bodies to help guide new legislation for more stringent wastewater regulations, Taylex is the trusted voice.

Integrity

We honour warranties. We stand behind our products, for their lifetime, no questions, no fine print. We are an Australian owned and made family business. We are passionate about producing quality products that work. We take care of our staff. We value the environment and human health.

Flexibility

Regardless of the conditions of your block and your operational requirements, Taylex has a system that will work for you. In difficult terrain or soil, for the size of your house or the slope of your block, Taylex systems are adaptable, we are eager to work with you and become part of the solution

Innovation

Taylex is at the cutting edge of environmentally sound wastewater treatment that is healthy for your family and the environment. We are constantly testing and improving our systems to not only provide unparalleled quality and unmatched results, but to ensure the most stringent safety standards are met. We are constantly striving to improve and perfect.

Functionality

Our Systems work! Taylex use Monolithic, single piece moulds meaning no deteriorating seals or weak post-joined walls, which could expose your family to catastrophic failure of your system. There's no skimping on parts from the biggest pump down to the smallest seal. Our systems are designed and engineered to last as long as your home.

Why choose Taylex?



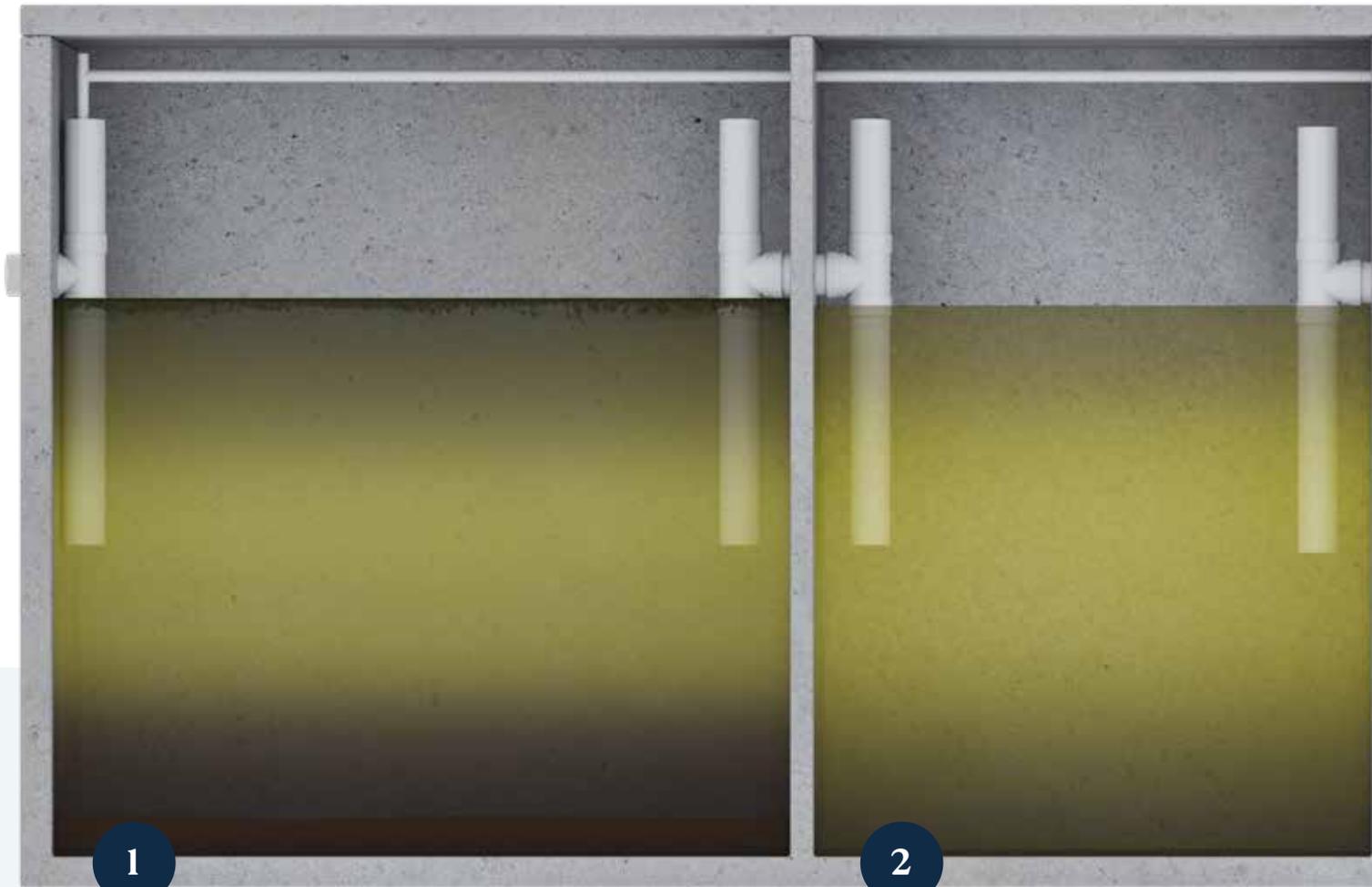
If you are living in an area that does not join to a council sewer, you need to treat your home's wastewater on site, using a **Home Sewage Treatment System**.

Taylex Advanced Secondary Treatment Systems act like a mini municipal treatment plant, utilising the good bacteria that naturally occurs in your home's wastewater, to consume the harmful bacteria.

By installing a Taylex system you will be able to reclaim your household wastewater and obtain clean, clear odourless water to irrigate your yard. The treated water that will come from your Taylex System is 65 times cleaner than septic tank effluent and at least 5 times cleaner than effluent from most other treatment systems.



How the Taylex Treatment System Works



Primary Chamber

The first stop for your household wastewater is in the 'Primary Chamber'. Here solids will naturally sink to the bottom and fats and oils will naturally float to the top, leaving a clear "Supernatant Zone" in the middle. This zone will transfer to the next stage of treatment. Good bacteria that already exists in the wastewater starts to flourish.



Secondary Chamber

Further settling happens here. Millions of bacteria are now well established and munching away at organic matter in your wastewater. Again, water from the middle flows on to the next stage. If you had have chosen a Septic System, this is where the journey would end and effluent would now be pumped onto your property and into our environment, relying on sand or soil to do the rest. With a Taylex Wastewater Treatment System, there are still four more steps to produce clean, clear, safe water for your yard.



Irrigation Pump

When the irrigation Chamber fills up, your dependable irrigation pump automatically switches on to send your water out to do its job in your yard. Crystal clear water irrigates your designated area and returns safely to nature.



Aeration Chamber

This is where the magic happens, your quiet, reliable, energy efficient Nitto Blowers send oxygen into the chamber in the form of tiny bubbles. These bubbles pass through a specially designed filter system called "Bio-Mass". Bio Mass is purpose designed to trap the air bubbles to feed naturally occurring 'Aerobic bacteria'. These microscopic Eco-Warriors are now hard at work, chomping through most of the remaining organic matter, polishing the water and eliminating odour.



Clarification Chamber

More settling occurs here. Once settled to the bottom, this magical mix of Aerobic bacteria and fine particle solids are sent back to the Primary Chamber to keep it healthy and working hard (not smelly). What is left is sent through a TFG filter and onto the final stage of treatment.



Irrigation Chamber

The water gets a 'kiss' goodbye from our Chlorinator which removes any harmful bacteria, viruses and pathogens, producing clean, clear and safe water. When the chamber fills up, your dependable irrigation pump automatically switches on to send crystal-clear, environmentally safe water out to your designated irrigation area.

Concrete or Poly?

Both the Taylex concrete and polymer wastewater treatment systems are six stage Advanced Secondary Wastewater treatment systems that exceed the national standards and are certified in all Australian states and territories. So why have both options available if they essentially do the same thing?

Our concrete Secondary Wastewater Treatment Systems are suited to 90% of all domestic installations. Taylex Polymer Tanks are designed to accommodate site conditions where it is not possible to crane in a concrete treatment system e.g. steep terrain. Our unique polymer mould cleverly uses 'Sandwich closed-cell foam polymer' to mould the compartment walls in one piece. There are no joins or glued-in compartments and all partitions extend to the lid of the tank, so you can enjoy the same peace of mind as if you had a Taylex concrete system.



Steps to installing a Taylex System at your home

1

Design

Wastewater Report to be completed by a certified professional to submit to Council regarding irrigation requirements.

2

Quote

Taylex to provide quote for the supply, installation and commissioning of your home sewage treatment system.

3

Installation

Working together with the builder and plumber, your new Taylex system should be the first thing to be installed on your block.

4

Commissioning

As your new home is nearing completion, Taylex will start getting your system up and running.

5

Servicing

Taylex provides ongoing quarterly servicing. The first 12 months is free for each new system.

Step 1 Design

The first step is to have a **Wastewater Report** completed by a certified professional.

Taylex, your builder, or installer will help you to get the correct report and then submit it to your council. The report will tell us how large the irrigation areas need to be, where they will go and whether they will be above or below ground irrigation systems.

In order to have the report completed, you will need:

- Builders Site Plan** showing:
 - Contours, if available
 - Building envelope, if applicable
 - Your preferred location for the Taylex treatment system tank
 - Your preferred location for the irrigation area
 - Future pools
 - Future sheds
 - Driveways
 - Dams
 - Children's playgrounds

- Floor Plans** showing bedrooms

- Soil Report**, if available

IMPORTANT NOTE:

Please discuss these requirements with your builder prior to paying your initial deposit. If they don't have this information the systems may be installed in locations that you may want to utilise for other purposes in the future.

Builders Site Plan Example

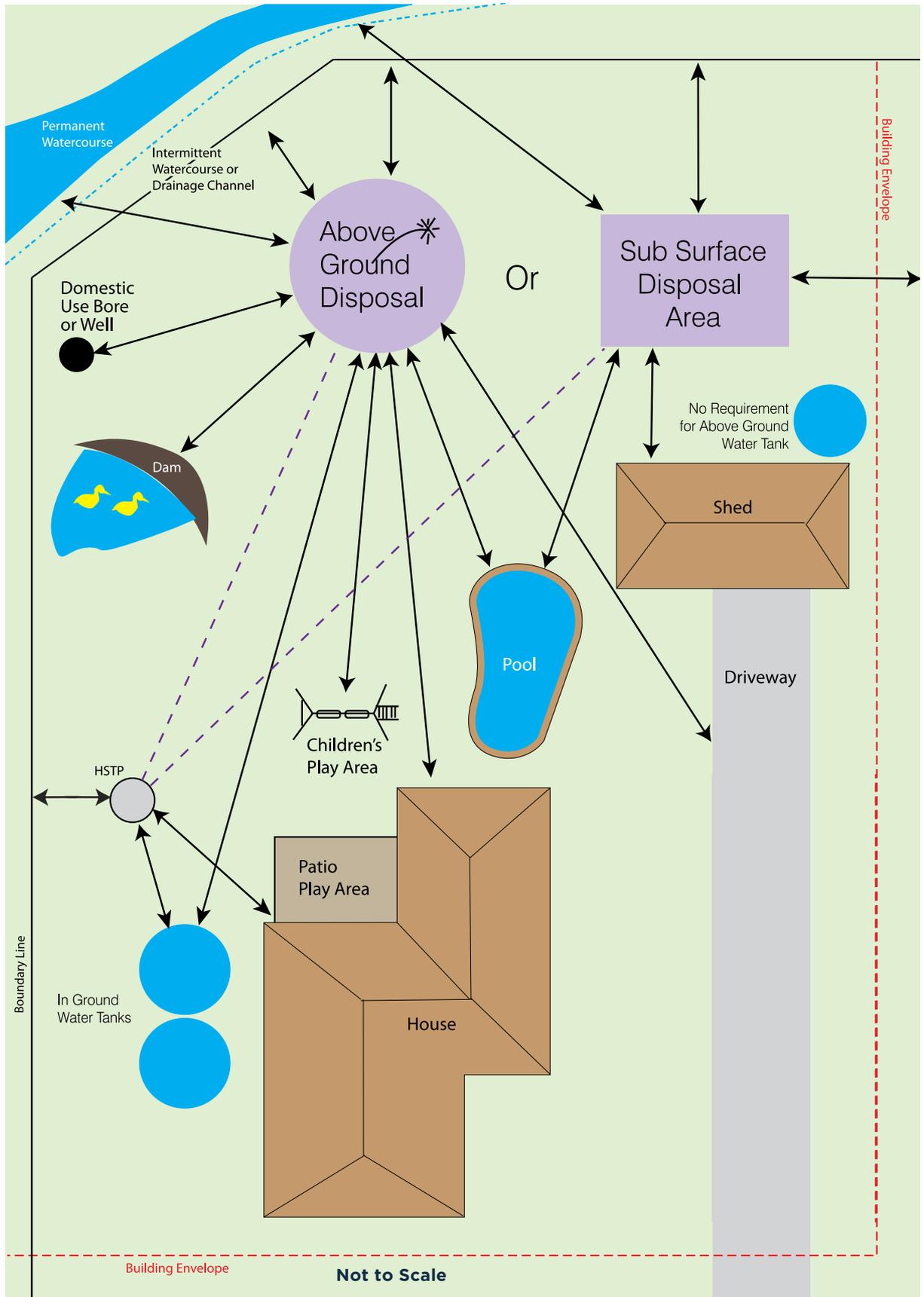


Floor Plan Example

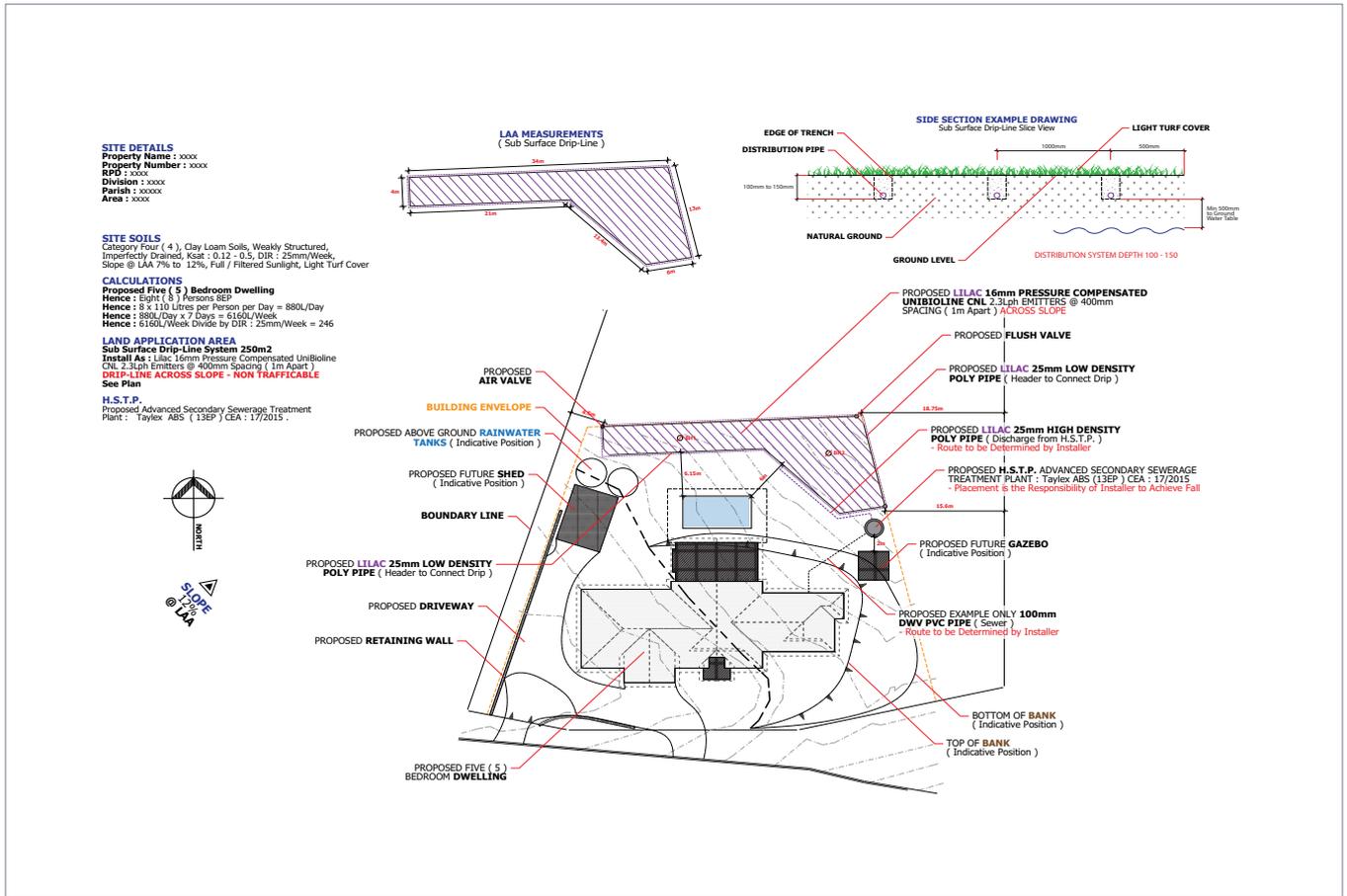


Set Back Distance Example

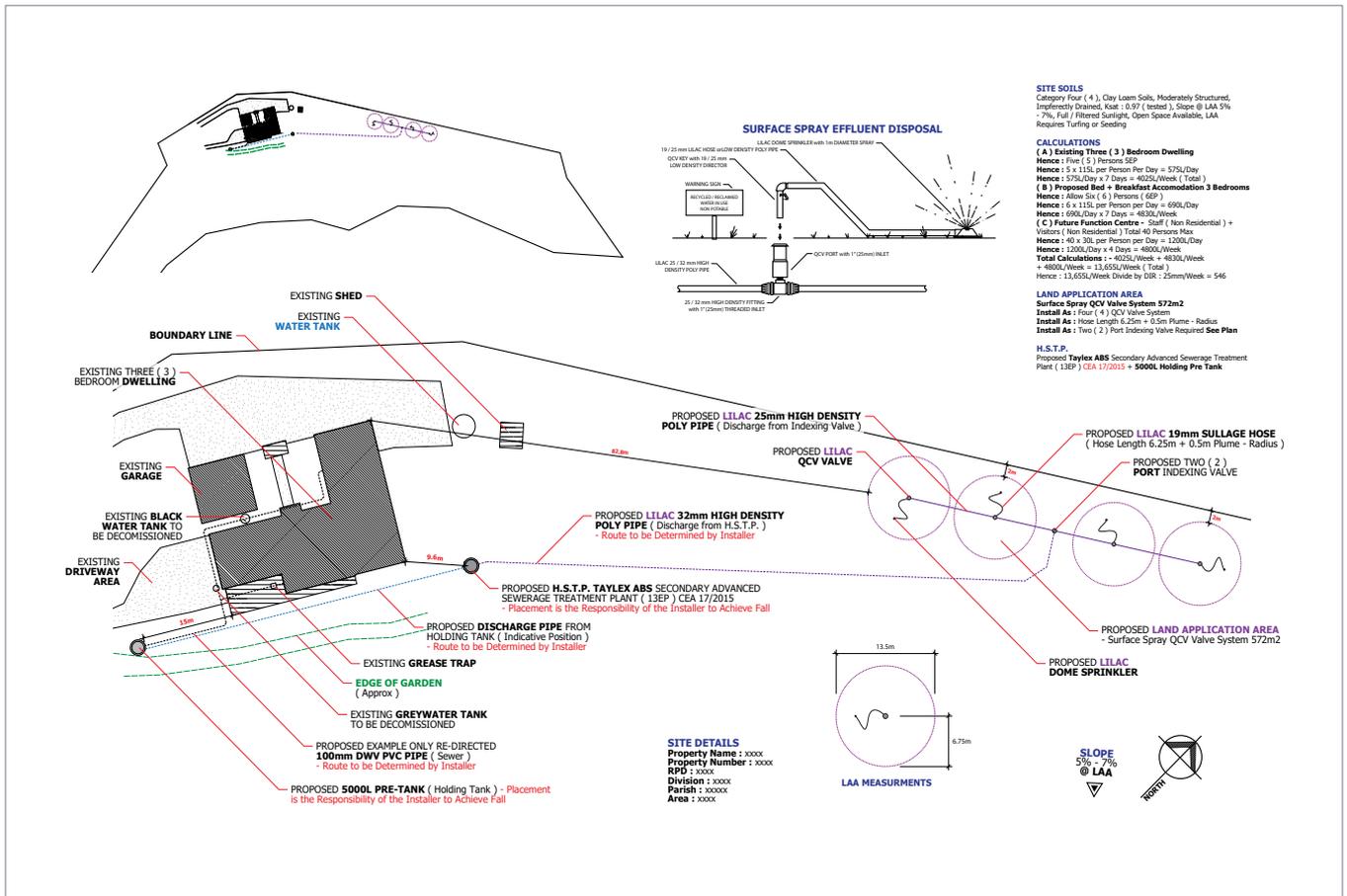
***The following Diagram is to be used as a guide only,
Actual Setback distances vary based on council area.**



Wastewater Design Example (Sub-Surface Irrigation)



Wastewater Design Example (Surfice Irrigation) - Only Available in some areas, check with local Council



Step 2

Quote

Once the Wastewater Report is completed, we will have all of the information we need to give you a quote for the supply, installation and commissioning of your home sewage treatment system.

A plumbing application and local council approval can also be applied for at this point. Your plumber, builder or Taylex representative can help you with that.

Read through the quote carefully and if you are happy, sign and return it back to us. If you have any questions regarding the quote or the system itself, please don't hesitate to get in touch with us. We're here to make process as easy as possible, and are happy to explain anything in further detail.

During the quoting process, we will visit your site and assist in any way we can.

Pre-Installation, your builder will supply:

-  Access for the truck to the site, 12m long x 4m high x 4.5m high.
-  A level pad for the crane where the tank will be installed. 12m long x 7m wide.
-  Any overhead obstructions.
-  The slope of the site.
-  The irrigation area.



Taylex

WASTEWATER

Date: 01/01/2020
Quote #: 222222TT
Job #: 1234

Bob Smith
22 Somewhere Street,
TOWNSVALE, QLD 4000
E: bobsmith@email.com

Re: Taylex Australia Quotation for: Lot 1 (#22) Somewhere Street TOWNSVALE

Dear Bob,

Thank you for the opportunity to provide the following quotation:

Proposed Scope of Works	
Supply + Installation of:	
1 x Taylex ABS STD Domestic Treatment Plant Comprising:	
1 x Air blower, air diffuser and blower box	
1 x ABS Eco Control panel, fitted with an audio-visual alarm	
1 x Irrigation pump	
- Delivery & placement of ABS.	
- Installation of Land Application Area (Effluent Disposal Area) as per Wastewater Report and Local Authority's plumbing approval.	
- The system's commissioning (1st service). 12mths quarterly servicing (3 services).	
Sub Total	\$0,000.00
GST	\$000.00
Total	\$0,000.00

Please also review the following pages for the specified inclusions, exclusions and general Terms and Conditions.

If you would like to proceed with this project, please return a signed copy of this quotation to blank@taylex.com.au as acceptance. If I can be of any further assistance or if you have any questions, please do not hesitate to contact me.

We look forward to working with you on your project.

Yours sincerely,

Taylex Team
Sales / Project Manager
Phone:
Email:



Step 3

Installation

In the case of a new build, your new Taylex system should be the first thing to be installed on your block, before any other building work has started.

As soon as your builder has completed any earthworks and marked out the house area, the position of your Taylex system can be marked out and the tank/s installed. Your builder and plumber will help to decide whether to install your irrigation system now, or later on at commissioning.

We can manage the installation process directly with your builder or plumber, who will then discuss matters with you that may affect the final outcome, like rock breaking and positioning of tanks. This ensures a smooth installation process, with maximum aesthetic value and minimum environmental impact.

Pre-Installation Checklist:

- Sign quote and return to Taylex
- Complete and sign Service Contract, return to Taylex
- Confirm all correct contact information for the home occupant
- Send your Plumbing Compliance Permit and Council Stamped Wastewater Report approval to Taylex
- Send your approved Final Construction Plans showing your Taylex Systems location and water tank locations (if applicable)

Secondary Wastewater Treatment System Tank Ground Mark out



Rainwater Tank Ground Mark out



Step 4

Commissioning

As your new home is nearing completion, it will be time to commission your Taylex system. Your builder will arrange a commissioning date that is at least two weeks before your move-in date. Commissioning involves getting your system up and running and installing the irrigation if it's not already installed.

Once your system has been commissioned Taylex will lodge all the relevant info to your local council. We can also copy your builder and plumber in the lodgement. Your plumber can then get their Plumbing Final. Your local council may inspect the system to ensure it complies

Please be sure to note whether or not your local council require the irrigation area to be turfed. If so, you will need to arrange the turf to be laid after the irrigation has been installed but prior to the council inspection. Please note; Taylex does not supply or install turf.

Commissioning Checklist:

- Commissioning date needs to be booked 28 days in advance.
- Check that power will be connected to the Taylex system before the requested Commissioning date.
- Check the plumbing Compliance Permit and approved Wastewater Report (in colour) has been sent and received by Taylex.
- Check that the designated irrigation area has been cleared and prepared. It should be free of any building materials, cut down trees, stockpiled soils or anything else that might get in the way of installing your irrigation system.



Step 5

Servicing

While we're commissioning your system, we'll also conduct your first official service. Welcome to Taylex Servicing!

Taylex include the first 12 months of servicing with each new system. All Taylex treatment systems are required to be serviced quarterly and may only be serviced by licensed wastewater service personnel.

You will receive a Welcome Pack from Taylex Servicing which will include a form for you to complete. Please make sure that all of your contact details are up to date, noting the best way to arrange access to your Taylex system. Once complete, please return your form to servicing@taylex.com.au

Taylex Servicing will:

- ✓ Ensure that all council reporting requirements are met.
- ✓ Send your service reports to your local council on your behalf.
- ✓ Send your reports and invoices to you electronically (when possible).
- ✓ Provide spare parts to current contract holders at a discounted rate.
- ✓ Offer an extended warranty of 3 years for electrical and mechanical parts if you hold a current service contract and the parts were installed by us. Standard warranty is 12 months.
- ✓ In the unlikely event of a breakdown or emergency, we prioritise call outs for our current customers and charge at a discounted rate.



Taylex Service Plan

Visit taylex.com.au/servicing to sign up or renew your Taylex Service Plan.



Factory trained technicians

Fully licensed factory trained service technicians.



Trade prices

Benefit from genuine parts at great trade prices.



Discounted call-outs

Prioritised and discounted emergency call-outs. After hours emergency phone support.



Fast 24hr response time

Technicians dedicated to your local area with a 24hr response time.



No confusing paperwork

We complete you council paperwork and submit it for you.



Friendly service and advice

Pre property purchase service and advice.

Ongoing care of your Taylex Treatment System

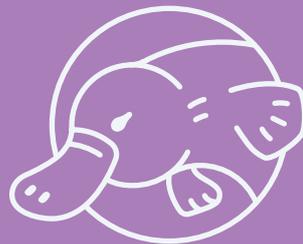
- ✓ Always Maintain a clear area around the tank
- ✓ Maintain a clean irrigation filter (if fitted). Your service agent will discuss this with you to make sure you're up to speed with how and when to do this.
- ✓ Keep your owners manual handy for quick and simple troubleshooting, of course you can always give us a phone or send an email with any questions.
- ✓ Please avoid covering lids with decks, structures, soil, gravel, concrete, pavers, pot plants, barbeques, swing sets, seats etc.
- ✓ Please don't obstruct access to the system or the service openings.
- ✓ Avoid pooling water around your system, especially during heavy rain events.
- ✓ Never turn off the power, unless instructed to do so by your Taylex Accredited Service Agent.

Please refer to the **Taylex Treatment System Owners Manual** for advice on cleaning products that are good for your system and other helpful tips for keeping your system healthy.



Australia is the world's driest inhabited continent.
Water is our most precious resource.

**Taylex Systems treat your
household wastewater to the
highest possible standard,
protecting our natural
water resources.**





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Please contact your local Service
provider prior to calling this number.

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