



Alberton Sewerage Scheme Proposal

Welcome to our Community Information Session ~ 28th July 2011

May
2010

- Alberton community committee seeks sewerage solution from South Gippsland Water and Shire of Wellington who funded \$30,000 for a feasibility study for the township.

Dec
2010

- Study recommends pressure sewer system. Estimated \$2.18 Million capital cost.
- Technically one of the best cost options being reliable, easy to install, operate and maintain.
- Community information session to discuss recommendation.

May
2011

- SGW gains State Government funding of **\$1 million** to complete the project through the '*Small Town Water Quality Fund*'.

June
2011

- SGW pledges **\$890,000** in access to its Tarraville Wastewater Treatment Plant to treat Alberton wastewater at no cost to the Alberton community.

Jul
2011

- Shire of Wellington supports investigation into the potential for re-zoning of allotments within the scheme boundaries.

Aug
2011

- SGW and SoW are now seeking community endorsement for the scheme to progress.

The opportunity for the community

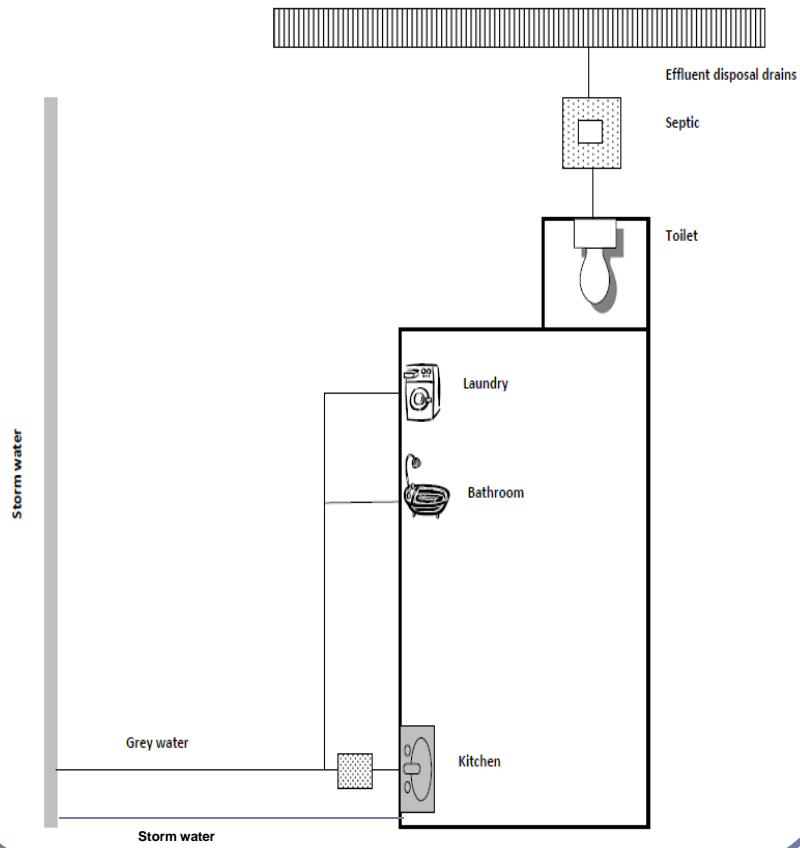
- ▶ **\$1 Million** in State Government funding to complete the scheme.
- ▶ **\$890K** in estimated no cost access to the Tarraville Wastewater Treatment Plant by South Gippsland Water.
- ▶ Shire of Wellington supportive of and will pursue the rezoning of land in proposed scheme boundary.
- ▶ A system designed specifically for the town with flexibility for adjacent blocks to connect.
- ▶ Improved community infrastructure and the opportunity for town growth and development.
- ▶ Reduced environmental effects from ineffective septic systems and un-treated grey water.
- ▶ Removal of health and amenity hazards from any stagnant ponding of smelly effluent.

- ▶ Recommended System – Pressure Sewer System
 - ▶ Lowest capital and operating cost system
 - ▶ Will not cause undue disruption during construction
 - ▶ Can be readily augmented to serve future growth
- ▶ Each developed property will have a pump pit (replacing the septic tank). A grinder pump in the pit pumps the macerated household liquid waste under pressure through the reticulation system to the wastewater treatment lagoons at Tarraville.

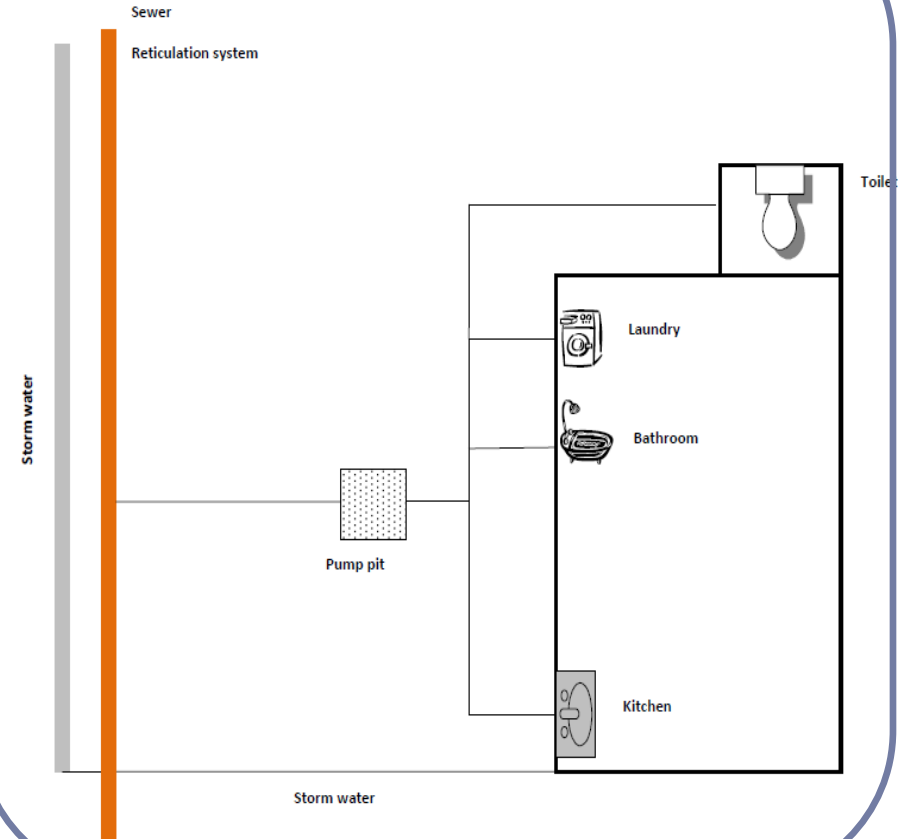
✓ This recommendation is a commonly used system and is the most flexible, reliable and best cost option for the Alberton community.

System Comparisons

Typical Septic System

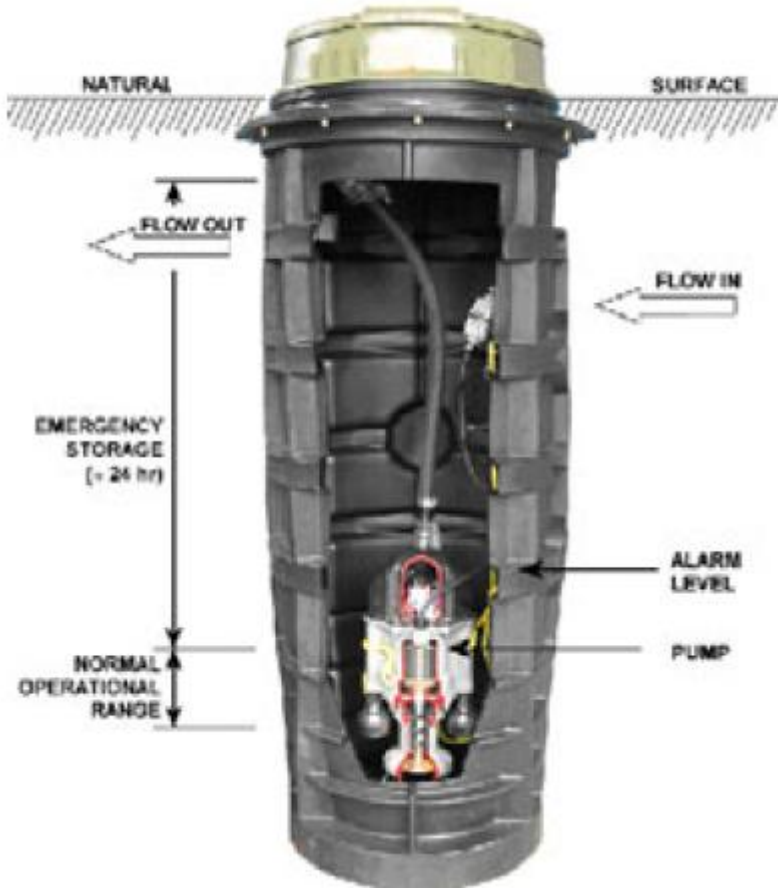


Pressure Sewer System



Pressure Sewer Pump Pit

Pressure Sewer Unit – Flow Control



Location: Boat Harbour Beach, Tasmania

Typical photos of Installation of unit and rising main



Installation by auger



Lowering the unit into position



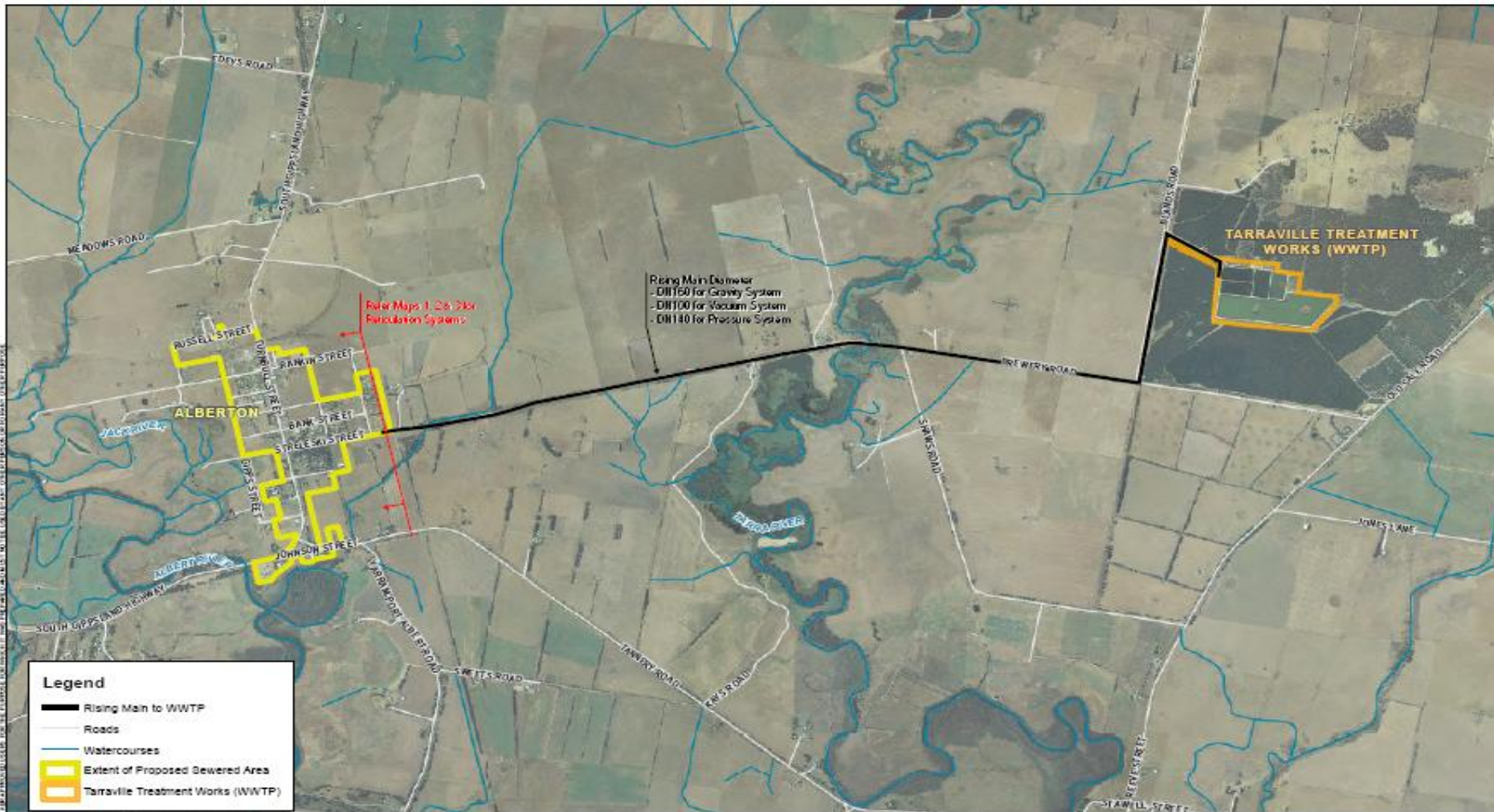
*Installation of pump unit & switchboard
completed.*

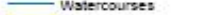


*Installing a low pressure grinder pump rising main
in private property.*



Extent of Proposed Sewerage System



- Legend**
-  Rising Main to WWTP
 -  Roads
 -  Watercourses
 -  Extent of Proposed Sewered Area
 -  Tarraville Treatment Works (WWTP)

- ▶ South Gippsland Water has some flexibility regarding the extent of the proposed sewerage area.
 - ▶ Those allotments adjacent to the area whose owners are interested in connecting are welcome to contact South Gippsland Water – Assessment on a case by case basis required.
- ▶ Shire of Wellington has agreed to pursue the rezoning of land within the proposed sewerage district provided the sewerage scheme progresses.

Landowner's Obligations

- Landowners will be responsible for sewer scheme capital costs as set out below.

Pressure system	Estimated Individual cost /Land owner cost
Vacant property	\$5,000*
House block	\$10,000*

* South Gippsland Water can provide up to a 20 year finance option should residents require help to pay for their contribution.

- ▶ Landowners will also be responsible for the cost of connecting or changing their household plumbing to connect into the pump pit and connecting power supply to the pump pit. This will vary dependant on the individual property.

* Department of Human Services (DHS), Water & Sewerage Connection Hardship Relief Grant Scheme can provide assistance to low income households for decommissioning of septic tanks and re-arranging household plumbing to connect to the pump pit.

* Subject to individual application. Ph DHS: 1800 658 521

- ▶ **Ongoing Costs:**

- ▶ Costs of electricity to run the pressure pump - \$20 p.a. approx
- ▶ Annual SGW wastewater charge
 - ▶ Current Charges per anum: Developed Block \$437.85, Vacant land \$256.95

* DHS Water & Sewerage Concessions are available to low income and concession card holders. Up to \$270.20 p.a. is available for eligible cardholders (for the residential property listed on their card) in Water & Sewerage Concessions for 2011/2012

The Process From Here & Next Steps



August

South Gippsland Water to mail land owners voting pack

Landowners vote

September

Collation of votes

Community notified of results

October

If scheme is to proceed design and planning commences

November

Public Information Session

January

Tender Process Begins

*Target completion
December
2012*

A 'Yes' vote means.....

- ▶ SGW progresses with designing and installing a pressure sewer system for Alberton
- ▶ The town has the opportunity for development and growth
- ▶ Improved town infrastructure
- ▶ Reduced environmental impacts from both ineffective septic systems and grey water not being contained within property boundaries.
- ▶ Removal of health and amenity hazards from any stagnant ponding of effluent

A 'No' vote means.....

- ▶ Should the community vote against the proposed sewer system, the state government will reclaim the \$1M in funding granted.
- ▶ No guarantee that the community will receive another partially funded option to install a sewer system in the future.
- ▶ Septic system maintenance and household wastewater and effluent remain the responsibility of Shire of Wellington and home-owners.