

## FESTIVALS, EVENTS AND PROMOTIONS

**Originated Date:** Adopted 13 March 2000 – Min. No. 120/00 (as Policy 23)

**Amended Date/s:** Reviewed 21 January 2013 – Min. No. 13/13  
 Reviewed 17 July 2017 – Min. No. 237/17  
 Reviewed 20 July 2020 – Min. No. ...

**Applicable Legislation:** Section 77 of the *Local Government Act 1993*

**Objective** To establish a policy relating to the allocation of assistance to Festivals, Events and Promotions that:

- Increase the well-being of residents
- Attract economic benefits through growth in the number and length of stay of visitors
- Promote the establishment of industry related business activity and employment opportunities for residents.

**Administration:** Governance

**Review Cycle/Date:** Next review 2021.

### 1. GENERAL

- 1.1 Assistance to be made available from the General Rate Account for the program.
- 1.2 Assistance may be “in kind” or grant, or a combination of these methods.
- 1.3 Council to give notice by advertisements in at least the Examiner and on the website of opening and closing dates for applications. Closing dates will generally be 31 March and 30 September.
- 1.4 Applications shall provide such information as Council requires including:
  - 1.4.1 Copy of Articles of Association and/or their Constitution
  - 1.4.2 Project Budget and copies of appropriate insurance policies
  - 1.4.3 Copy of Organisation Balance Sheet as at 30 June in preceding year
  - 1.4.4 ABN number if the organisation is registered for the Goods & Services Tax (GST) system.

### 2. ELIGIBLE EVENTS

The Council will consider requests for assistance by community, sporting and non-profit organisations holding major festivals, events or promotions in the Northern Midlands.

Major festivals, events and promotions are defined as significant events that are the only one of their kind in the Northern Midlands in any one year, and attract significant numbers of people to the event (generally in excess of 2,000) and/or attract significant media coverage for the Northern Midlands.

### 3. ELIGIBLE ORGANISATIONS

Any community group, organisation or club that is legally incorporated or operating under the auspices of an incorporated body. The organisation must hold and produce evidence of public liability cover for the event.

### 4. ELIGIBLE ASSISTANCE

In-kind support includes provision of such items as wheelie-bins, barricades, photocopying paper and provision of services such as preparation of fliers, delivery and collection of bins, erection of barricades and advertising of

street closures. The cost to Council of any in-kind assistance approved will be calculated and costed against the application.

Requests for direct financial assistance may be considered e.g. by an organisation in the south of the municipal area where it is impractical for photocopying to be done at the Council Chambers in Longford and therefore application is made for funds to cover photocopying expenses incurred locally.

The maximum allocation to an event is ~~\$1,500~~ \$2,000 (excl. GST), except in the case of a major new event which can be eligible for a one-off seeding grant of up to ~~\$3,000~~ \$3,500 (excl. GST).

These amounts include A COVID-19 compliance grant component.

#### **COVID-19 Compliance Grant**

Event Organisers who do not receive an event grant are encouraged to apply for the COVID-19 compliance grant. This grant is to assist Event Organisers to meet COVID-19 Safety Requirements. Event Organisers can apply for a COVID-19 compliance grant of \$350 (excl. GST). Recipients of the COVID-19 Compliance Grant must provide Council with a COVID-19 Risk Assessment and safety plan showing actions to be taken to be compliant and in-line with the Tasmanian Governments Safe Workplace Framework.

Assistance will not be provided for money already spent on events previously held.

Only one application per organisation for each funding round will be considered by Council.

#### **5. PRIORITIES**

The funding available is limited. Priority will be given to events that:

- Have a significant benefit for a wide range of Northern Midlands residents and businesses
- Are unique within the Northern Midlands
- If profit making, put the funds back into the community, preferably through community projects that will benefit a wide cross-section of the community.

#### **6. APPLICATIONS**

Applicants are requested to complete the application form in its entirety, and return the completed form by the due date to:

The General Manager  
Northern Midlands Council  
PO Box 156  
LONGFORD TAS 7301

Organisations seeking clarification when completing the form are welcome to contact Council's Customer Service Team on telephone number 63 977 303.

#### **7. POLICY OUTCOMES**

The outcomes of this policy will be to:

- Meet the needs of residents and visitors for enjoyment, sport, recreation, art and culture
- Promote healthy lifestyles of residents through participation in events
- Provide a great place to live where residents are provided with both free and paid entertainment of a standard that meets or exceeds their expectations
- Improve residents and visitors understanding of the cultural diversity of the Northern Midlands
- Increase the number and length of stay of visitors to the Heritage Highway area
- Maintain a vibrant and dynamic calendar which encourages cutting edge events
- Improve the economic development of the Northern Midlands area.

## **8. ASSESSMENT CRITERIA**

The assessment criteria for funding under this policy will include:

- The potential for significant impact on the local economy and on the number and length of stay of visitors
- Financial viability and the potential to be self-supporting
- The event must not clash with or be in conflict with an existing significant event
- Whether the applicant group has the community support and financial and organisational skills necessary to carry out the project.

All applications received will be referred to Council who will determine which event, festival or promotion will be assisted, and to what extent.

Applicants will be notified of the outcome of Council's deliberations.

## **9. POST-EVENT EVALUATION**

An evaluation of the project by the Organising Committee is a pre-requisite to continued funding.





PO BOX 25 Hobart 7001

[adam.dickenson@elvertonpastoral.com](mailto:adam.dickenson@elvertonpastoral.com)

0488906262

**22 June 2020**

Northern Midlands Council  
PO Box 156 Longford, Tasmania, 7301

**Northern Midlands Council,**

I am writing on behalf of Paddle Tasmania to request that the Northern Midlands Council contribute \$2500 toward the Paddle Tasmania 'Economic and Market Demand' research report. This report is essential for obtaining funding for future whitewater infrastructure developments and in negotiating increased water releases. These will in turn facilitate an increase in community sport and recreation and boost the nature-based tourism economy.

Paddle Tasmania recently won the Great Regional City Challenge with our 'Surf City Project' proposal. Placing first by a strong margin out of fifty entries demonstrates significant interest and support for the development of new whitewater sites, not just by our club members, but also from the broader community.

As winners, we have been awarded \$10,000. This is enough for a basic study that will include three sites, these being Cataract Gorge, Hadspen and Deloraine. However, we believe that the report, and subsequent business case for government, will be much stronger if a comprehensive report including all sites around the state are included. These being Longford, Cressy, Poatina, Forth, Mersey, Queenstown, Derwent Bridge, Bronte Park and New Norfolk.

This same request will be put to Tamar Canoe Club and Derwent Canoe Club. Paddle Tasmania will also contribute funding as required.

We are also requesting this same funding from relevant councils and/or their respective development authorities.

Please notify me of your response by 5:00pm, 03 JULY 2020.

Thank you for your consideration,

*Adam Dickenson*

Paddle Tasmania

25 March 2020

Adam Dickenson  
Paddle Tasmania  
By email: adam.dickenson@elvertonpastoral.com

Dear Adam

Thank you for your email requesting a quote to provide a Market Demand and Economic Assessment Report into the potential for whitewater sport and recreation and river surfing facilities in Tasmania.

TRC Tourism is a leading international tourism and recreation consulting firm with offices in New Zealand and Australia. We offer a holistic, professional approach with innovative, creative thinking to provide integrated solutions to our clients' needs. The TRC team has been working in the fields of tourism, recreation, conservation and culture for over 25 years. Attached is a company profile outlining our experience and team.

We understand you are seeking an assessment of the likely economic benefits and tourism opportunities generated by the development of new whitewater facilities in Tasmania. TRC Consultant Janet Mackay and our associated economist Michael Connell would conduct the assessment.

### **Proposed Work Scope**

#### **Stage 1: Benchmarking and Situation Analysis**

- ▶ We will conduct a **desktop assessment** of potential sites for whitewater and river surfing development (with inputs provided by Paddle Tasmania)
- ▶ **Case studies** of existing whitewater and river surfing tourism developments in Australia and around the world will be developed, to provide benchmarks on user numbers, pricing, and capital and ongoing costs
- ▶ We will complete a **situation analysis** to provide an overview of the current tourism environment and existing and potential markets and their needs for a limited number of sites (max 3)
- ▶ The **market demand** for the facilities using comparison of other facilities will be estimated
- ▶ We will provide an order of magnitude of **capital costs** for such a facility, based on case study benchmarks

#### **Stage 2: Economic Impact Assessment**

##### **Operations Phase**

- ▶ The economic impact analysis will take the market demand estimates and assess the regional impacts in the locations where the whitewater facilities are proposed, including sensitivity testing
- ▶ It will measure the potential boost to local and regional spending (by users) in the areas where the facilities would be located. This will be for day visitors, overnight visitors and competition (if relevant).
- ▶ Using our regional economic impact model, impacts would be measured in terms of the increase in regional income and jobs.

##### **Construction Phase**

- ▶ The construction phase of the proposed project will be modelled, with impact estimates based on the estimated capital costs of the facilities.



## The Team

### Janet Mackay

Director | TRC Tourism

**Role:**

*Qualifications: Master of Applied Science (Park Management); Graduate Diploma in Recreation Planning; Graduate Diploma in Education; Bachelor of Arts (Sociology and Geography)*



**Janet's unique career has taken her from Christmas Island to China and everywhere in between. An accomplished tourism professional with more than 25 years' practical experience, she has substantial knowledge in all aspects of sustainable tourism planning and product development**

Janet is well known as a leader in destination and visitor experience planning, as well as related infrastructure and product development. This has seen Janet working with multiple governments, agencies, stakeholders and the tourism sector to develop plans and products for a wide range of attractions, infrastructure, services and interpretation. She also provides mentoring and training for tourism operators and managers.

Her recent planning work includes destination planning for major regions of New Zealand, Tasmania's Blueprint for Visitor Engagement, Destination Southern NSW DMP, Hawkesbury Tourism Audit and Development Plan, the NZ Hamilton Waikato Tourism Opportunities Plan, and the Phillip Island Tourism Strategy.

Janet has considerable experience of a wide range of visitor experiences, products and infrastructure needs. She has worked across a wide range of products including nature, culture, food and wine, festivals and events, journeys and drive routes. Janet is a specialist in nature-based tourism and in particular strategic planning for the development of iconic trails-based experiences. She has also worked extensively with Aboriginal tourism across Australia.

Janet has worked extensively in natural areas, national parks and protected areas and understands the competing priorities of conservation and visitor management. She regularly leads teams in planning for innovative and vibrant visitor experiences including parks and reserves and heritage environments. This is often linked to identifying the experiences appropriate and specific to iconic visitor experience offerings, as well as across destinations. We have developed concepts, feasibility studies and visitor experience plans for many destinations including site and precinct planning.

She has lead teams working on planning and businesses cases for several nature based and wetland experiences including Maungatauri, the National Wetlands Centre, Brooke Waimarama and Oparara Arches in New Zealand.

**MCa**

&lt;Michael Connell &amp; Assocs.&gt;



### **Michael Connell: Principal MCa**

Michael has more than 20 years' experience in market analysis; economic analysis; project analysis and feasibility studies; business cases; and regional development strategies.

An economist, Michael has been involved in industry and regional development projects in Victoria, New South Wales, Western Australia, Tasmania and New Zealand.

He is experienced in feasibility studies and business cases covering projects in the tourism (accommodation, conference/exhibition centres, regional airports, marinas, visitor centres, cafes/restaurants, harbour precincts); sports and recreation (golf courses, aquatic centres, stadiums, training facilities, mountain bike tracks); and city infrastructure (retail, offices, community facilities).

Michael has a specialisation in market and industry analysis, project modelling; financial analysis; business cases and economic impact assessments. He has advised the NSW Government and local councils on industry and city development strategies in the Upper Hunter Region, Newcastle, Central Coast, Wollongong and major cities and regions in Victoria (Geelong, Ballarat, Bendigo, Portland, Latrobe Valley, Wellington and East Gippsland).

Michael is a past Director of Buchan Consulting (business strategy practice), a former Chief Economist and Director of International Trade for the Australian Chamber of Manufactures (now Australian Industry Group). He was an adviser to the City of Melbourne, Committee for Melbourne, Victorian Government, Osaka Chamber of Commerce, and Japanese companies on investment attraction and emerging industries. At a national level, he has conducted major policy reviews for Australian Government agencies (health, industry, science, education, sports).

Master of Economics - La Trobe University; Bachelor of Economics (Hons) - Monash University; International Business Government Relations (Landegger Mid Management Training Program) - Georgetown University Washington DC; Industrial Scholarship Program Osaka Japan (industry investment); US Government International Visitors Program (regional and cities economic development).

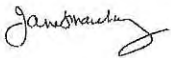
We are available to commence work on this immediately, and would require three weeks to complete the report.

The costs for this project, exclusive of GST, is \$10,000.

Payment terms 50% on confirmation of appointment; 50% on completion.

If you have any questions, please do not hesitate to contact me,

Warm regards



Janet Mackay | Director | TRC Tourism

**AUSTRALIA**

Suite 5, 3/4 Gippsland Street  
PO Box 837, Jindabyne NSW 2627

Phone: +61 2 64562722

Email: [enquiries@trctourism.com](mailto:enquiries@trctourism.com)

**NEW ZEALAND**

Level 5, EMC Building, 5-7 Willeston Street  
PO Box 2515, Wellington 6140

Phone : +64 4 4723114

Email: [info@trctourism.com](mailto:info@trctourism.com)

[www.trctourism.com](http://www.trctourism.com)



# **Conceptual Review Whitewater Modifications**

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**for Tasmanian Canoeing ~ October 2018**



*Submitted October 2018 by:*  
**Whitewater Parks International, LLC**  
**Box 3083 Glenwood Springs, CO 81602 USA**  
**Phone 970-947-1515 – Fax 650-475-3941**

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**WPI Document No: Tas10818 Rev.1**

## EXECUTIVE SUMMARY

In recent years, WPI's revolutionary thinking has led to innovation and solutions which have brought to life custom-built commercial whitewater recreation venues and instream modifications to existing channels.

Tasmanian Canoeing commissioned Whitewater Parks International, LLC (WPI) to provide an opinion of the opportunity to improve existing channels within Tasmania by in-stream modification. WPI provides expert consultation in creating state of the art whitewater most notably the Penrith Whitewater Stadium (2000 Olympic Games) Lee Valley Whitewater Center (London 2012 Olympic Games), Deodoro Whitewater Center (Rio 2016 Olympic Games), Wero Whitewater (Auckland NZ) and the in-stream modifications to the Adventure Sports Center (McHenry USA) and Ivrea International Whitewater Course in Italy.

During a full day visit, WPI held discussions with canoe club representatives, engineers and interested persons who discussed local needs, challenges, and aspirations for the future as well as previous works completed on one of the existing whitewater channels.

Of high importance was the modification of a channel/ stream to allow a green surfing wave feature. Other objectives included improved areas for teaching and instruction, beginners paddling, improvement in in-stream hydraulic features to provide variety and increased usability at certain sites.

WPI recommends Tasmanian Canoeing to select a site to be upgraded to allow permitting and design to commence.

## **Introduction**

The purpose of this Concept Review is to provide Whitewater Parks International's (WPI) initial opinion regarding the opportunity for modification of the following existing channels/ streams to improve the whitewater hydraulics to assist with recreation and competitive whitewater pursuits. This work was formally commissioned by Tasmanian Canoeing.

Mr. John Felton, WPI's Design Director, visited Tasmania as a guest of Tasmanian Canoeing on Thursday, September 29<sup>th</sup>, 2016 in order to conduct an view of the different sites and provide opinion on each's potential for improvement. Mr. Felton also met with a number of interested persons to define and determine the expectations and constraints.

Herein, WPI describes our findings and recommendations from our discussions, on-site investigations, general research, and our related knowledge of the whitewater development.

We discuss appropriate site attributes and key considerations relating to the function and operation of the whitewater, along with a general estimate of the potential to develop each site and some thoughts on construction.

## **Development Objectives**

Through WPI's interviews with Tasmanian Canoeing's representatives, elements of vision for future opportunity and use of the sites emerged. What came through clearly and consistently was an identified need for increased recreational paddling options within Tasmania to:

1. Improve access and learning opportunities for kayak instruction and beginners.
2. Improve access to safe and high-quality whitewater.
3. Should the opportunity exist, to create a high-quality whitewater slalom course or playwave capable of holding an International Canoeing Event.



### Poatina 1. Power Station – Discharge Channel



From the initial viewing it appears that there is the opportunity to use one of the existing weir structures as the foundation to install, WPI's proprietary 'wave former'.

To make use of this existing structure the flows would need to be constricted.

- WPI Wave Former installed.
- Flow dispersion blocks to be removed.
- Channel bottom and banks require stabilisation
- Channel banks require reshaping to enable safe ingress and egress.



### Design Solution

The in-stream improvements suggested for the channel consist of the following structure.



WPI has completed extensive modelling on this type of structure and are the only whitewater design company taking all three parameters of flow volume and velocity, horizontal and vertical constriction and longitudinal centreline obstacle positioning to design energy loss and wave harmonics.

The recreational characteristics of this design are also extremely predictable.

These structures create a hydraulic that is ideal for recreation and competition freestyle paddling. The hydraulic formed is retentive enough to allow surfing and advanced freestyle manoeuvres yet flushed enough to prevent the recirculation of inexperienced swimmers and boaters.

### Structure

Is characterised with side groynes to constrict and concentrate and the flow centrally but added to this is the use of a central raised lip off which is a WPI designed deflector tongue. This structure allows us to remove some of the gradient from the channel and use it safely in a central position. The drop becomes quite significant (approximately 1.5m) but we are able dissipate the energy into the pool below in such a manner which will allow us to create a large primary wave and a secondary wave before returning to a consistent flow. The characteristics include managing the flow to ensure:

- a) The inflow above the drop is stable and consistent.
- b) The outflow below the hydraulics are stable and consistent
- c) The speed of the flow is adjusted to enable the most effective hydraulics
- d) To adjust the shape, height and position of the waves,
- e) To create consistent and usable features.

When situated and tuned correctly this structure is characterized by its consistency and stability. The tongue has been designed to allow for adjustment through approximately 20 degrees to allow the feature to be tuned appropriately for a variety of flows.



Current Structure creates a significant hydraulic feature which is highly retentive and quite dangerous which is a significant hazard when water is released into the channel.

### **Safety**

The wave former structure will also provide a safer passage for all paddlers (including inflatables if tuned appropriately) as the wave formed below is not a recirculating hydraulic and therefore not retentive.

These structures are very stable and will accommodate high volume flows. The structures are laid in the plane defined by the riverbed with the footings either sunk into the river bed and bank or attached to the existing structure, to bear the loads. All of the structures included in this project are to be designed such that the river is usable at a variety of water levels.

During periods of high flow the channel would create a larger hydraulic feature (a hydraulic jump or wave train), and at lower flows the hydraulics would just reduce in size. Below the weir, the eddies would be developed to enable safe ingress and egress. The channel above and below the weir would need to be stabilised.

### **River Flows**

The in-stream construction would need to be negotiated with the power generation requirements in mind but the works can be staged to accommodate this.

### **Access**

The access to the channel is limited and must be completed via in-channel machinery (Excavator) and with the use of a crane beside the channel.

### **Relative Cost**

This approach is the most cost effective as the channel already exists and the works would use the existing structure\* to anchor the hydraulic former. Additional works would be required to stabilise banks.

This approach is also feasible to improve safety and reduce risk associated with all weir structures on this channel.

## **Opportunity to develop a feasible whitewater venue - EXCELLENT**

**\*Note:** a full engineering integrity review would be required prior to using any pre-existing structure.



## Poatina 2



### Concept

Construction of a purpose-built whitewater channel below the dam structure as shown in the photo above is feasible. While the initial visit to the site indicated that a facility could be constructed here much discussion and or agreement needs to be reached to determine the overall objectives of this project.

Issues that need to be resolved are:

- Approvals
- Access and infrastructure
- Whether the possibility exists to modify, replace or create an additional discharge gate.
- Geotechnical analysis and stabilisation/ construction techniques required.
- Size and/or usage for the facility? Slalom, playboating or other?

### Design Solution

The installation of an additional penstock into the dam wall may be feasible depending on the construction of the existing dam wall and obtaining appropriate approvals from the owners of the dam, land and approval authorities.

This may be a long process depending on the engineering, geotechnical and environmental requirements associated with the improvements suggested for site.



The graphic adjacent is the work that WPI is in the process of carrying out in Hungary which calls for the installation of a new inflow channel, penstock and quietening pool at the head of the whitewater course to be constructed at this site.

The existing Dam has earthen banks and is connected to a river some 6-8m below the managed water level of the Dam.

### **Structure**

In taking this approach, depending on the scope, we would be able to deliver an international level play wave, a national level or a full international level whitewater course.

The course itself would be a concrete lined channel and could be configured with obstacles to create the whitewater. Those obstacles could be developed from rock, concrete or an off the shelf commercial plastic solution.

The recreational characteristics of this design are also extremely predictable and entirely bespoke to the requirements of Tasmania Canoeing.

### **Relative Cost**

This may be the most expensive site of all that were visited to construct a whitewater venue due to location, structural and geographical issues.

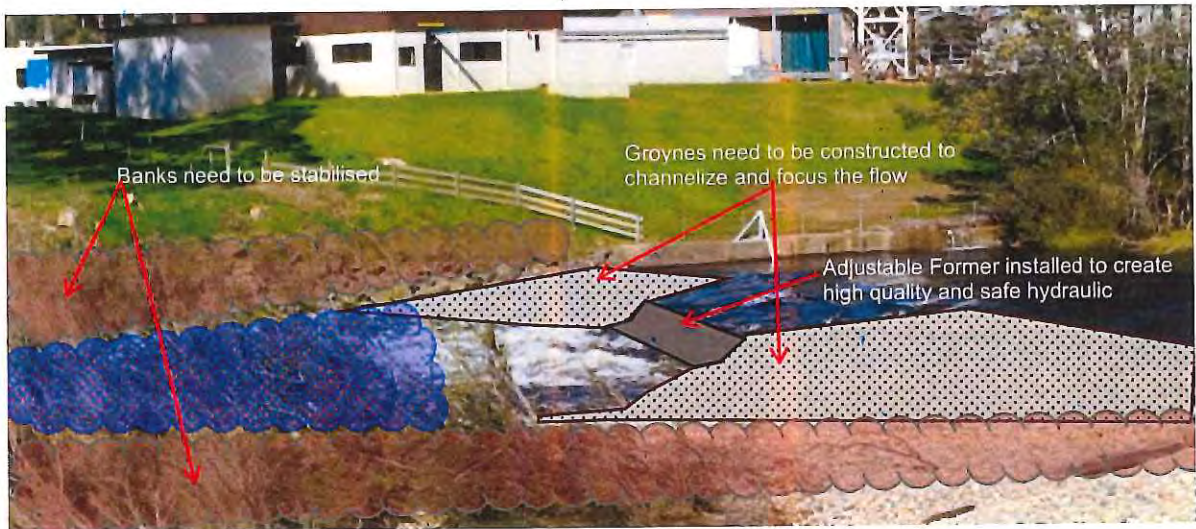
### **Opportunity to develop a feasible whitewater venue - FAIR**



### Forth River Site



### Construction



### Design Solution

The in-stream improvements suggested for the river include stabilisation of the banks, construction of 'flood resistant' groynes to enable the wave shaping and forming infrastructure to be installed and adjustable wave former and associated complimentary river bed hydraulic shaping obstacles to be commissioned.

This structure would function similarly to the structure proposed for the Poatina discharge channel.



As previously noted, the recreational characteristics of this design are extremely predictable. These structures create a hydraulic that is ideal for recreation and competition freestyle paddling. The hydraulic formed is retentive enough to allow surfing and advanced freestyle manoeuvres yet flushed enough to prevent the recirculation of inexperienced swimmers and boaters.

### **Structure**

The current flow characteristics in this site are aligned to the river right bank. This asymmetrical flow has a significant impact and eroding the right bank and will see increased erosion with higher river flows. The solution proposed for this site will mitigate this erosion by stabilising the banks and centralising the natural flow away from the right bank.

As with Poatina the structure is characterised by side groynes to constrict and concentrate and the flow centrally with a central raised lip or crest off which is a WPI designed deflector tongue. This structure allows us to remove some of the gradient from the channel and use it safely in a central position. The drop will become quite significant (approximately 1-2m) but we are able to dissipate the energy into the pool below in such a manner which will allow us to create a large primary wave and a secondary wave before returning to a consistent flow and calming the outflow into the natural river bed so that minimal scouring or erosion would occur.

The characteristics include managing the flow to ensure:

- a) The inflow above the drop is centralised in the river, stable and consistent.
- b) The outflow below the hydraulics is calmed and centralised.
- c) The speed of the flow is adjusted to enable the most effective hydraulics
- d) To adjust the shape, height and position of the waves,

When situated and tuned correctly this structure is characterized by its consistency and stability. The tongue has been designed to allow for adjustment through approximately 20 degrees to allow the feature to be tuned appropriately for a variety of flows.

### **Access**

The access to the channel is good and could be completed via in-channel machinery (Excavator) and with the use of a crane beside the channel.

### **Relative Cost**

This approach is the reasonably cost effective as the river and flow already exists. There is a significant amount of work required though to stabilise the banks. Once bank stabilisation works have been completed the installation of groynes to centralize the flow and WPI's wave forming solution could be installed.

## **Opportunity to develop a feasible whitewater venue - GOOD**

### **Recommendations and Next Steps**

Included above is the current level of thinking around the modification works as required to deliver the 3 whitewater sites to the discussed outcomes.

WPI recommends the following as appropriate next steps:

1. Come to a swift decision of whether or not to proceed further,
2. Engage and Commission Whitewater Parks International to commence design works and produce construction drawings.
3. Obtain local development consents and required permitting.
4. Engage local contractor for construction works

Whitewater Parks International remains available to answer any questions that may arise and to advise beyond the recommendations noted here, should there be a need.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'John Felton', with a long horizontal flourish extending to the right.

John Felton  
Design Director



### GENERAL LIMITING CONDITIONS

Much of the local analysis contained in this document is based, in part, on data from secondary sources. Every reasonable effort has been made to utilize reliable sources and obtain factual information. Whitewater Parks International, LLC (WPI) assumes no responsibility for any inaccuracies in the information provided by third parties used in preparing this report.

Estimates and other projections included herein are presented by WPI as professional opinions to aid in the further conceptualization of the project. Any assumptions, estimates of development costs, or income and expense projections are based on the experiences of similar projects. They are not intended as guarantees for future performance.

Future changes in circumstances, if they occur, may affect the projections and conclusions herein. No warranty or representation is made that any of the estimates or projections will actually be achieved.

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No part of this report may be shared with third parties unassociated with this specific project, nor may it be used in conjunction with any other project. This report is based on information that can only be considered current through 31 December 2019.

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**APPENDIX A**





# John Felton

## Design Director

### Whitewater Parks International

#### AREAS OF EXPERTISE

*Whitewater Technical Design*  
*Sport and Recreation Integration*  
*Project Design and Testing*  
*Strategic Operational Planning*  
*Design to Construction*  
*Facility Programming*  
*Whitewater Operations*  
*Risk & Safety Assessment*  
*Competition Management*

#### PROFESSIONAL

*B App Sc – Canberra University*  
*Ass Dip Spt Sc – Southern Cross Uni*  
*Certificate of Public Pool Mgmt*

*International Canoe Federation*  
*(ICF) Certified IJCSL*  
*International Official*

*Australian Canoeing*  
*Certified Whitewater*  
*Instructor Trainer*

#### PERSONAL DETAILS

*John Felton*  
*Box 3083*  
*Glenwood Springs, CO 81602*  
*USA*

*M: + 01 970 948 7772*  
[john.felton@whitewaterparks.com](mailto:john.felton@whitewaterparks.com)

#### REFERENCES

Available on request.

#### PERSONAL SKILLS

- Accomplished, multi-disciplinary professional
- Innovative thinker and researcher of whitewater design
- Consistent track record of successfully designing large, complex whitewater projects
- Hands-on experience in leading design, planning and project supervision
- Practical knowledge of all aspects of whitewater sport and project development

#### EXPERIENCE

***Whitewater Parks International – Glenwood Springs, Colorado USA***  
 Design Director October 2000 – Present

#### ***Whitewater Course Design (Snapshot)***

- Whitewater Design Consultant – Penrith Whitewater Stadium – Sydney Olympic Games 2000
- Whitewater Design Director – Lee Valley Whitewater Course – London Olympic Games 2012
- Whitewater Design Director – Deodoro Whitewater Facility – Rio de Janeiro Olympic Games 2016
- Whitewater Design Director – Kasai Whitewater Course – Tokyo Olympic Games 2020
- Whitewater Design Director – Auckland Whitewater Course – 2016
- Whitewater Design Director – Ivrea, Italy Whitewater Course - 2016
- Whitewater Design Director – Xcaret Whitewater Experience – 2018
- Whitewater Design Director – Hungary Whitewater Course – 2018

#### ***Design Innovations (Snapshot)***

- First ever totally enclosed and pumped artificial whitewater course (Penrith)
- First secondary intermediate level training course (London)
- First completely enclosed and designed water treatment plant (London)
- First 5 meter waterfall in an artificial course (Auckland)
- 30+% construction and operational savings in an Olympic course (Rio)
- Additional 20% construction and operation savings in an Olympic Course (Tokyo).
- First horizontal (no vertical lift) pumped course (Tokyo)
- Introduced 3:2 angled sidewalls for whitewater course to reduce hydraulic surging which has now become the industry standard. (London)
- First optimized channel tail end flow hydraulics. (Rio)
- First multi-purpose lake designed as a large swimming pool to enable 5,000+ recreation users access to passive water recreation.

#### ***Associated Experience***

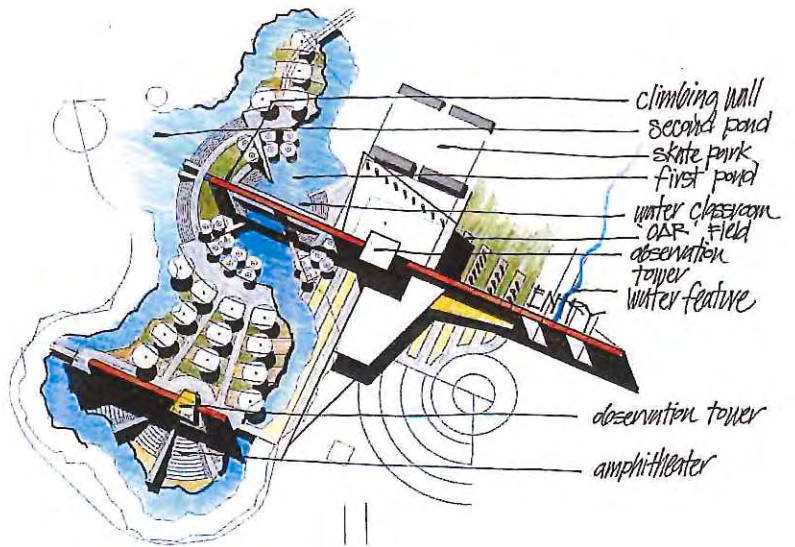
- International Canoe Slalom Athlete – 1978 - 1996
- Olympic Games Competitor 1996 Atlanta Olympic Games
- Competition Manager – Canoe Slalom Sydney Olympic Games 1997 -2000
- International Canoe Federation – Slalom Technical Committee – 2000 – 2004
- Australian Canoeing – Chairman Slalom Committee 2000 – 2004
- Technical Organiser \* World Cups – 1999, 2000, 2001, 2002, 2003.  
\* World Championships 2001, 2003, 2014

**About Whitewater Parks International, LLC**



# Whitewater Parks International, LLC

## COMPANY PROFILE





## Whitewater Parks International



### FROM CONCEPT DESIGN TO SUSTAINABLE LEGACY

WPI is the only design group to have delivered a modern Olympic whitewater venue while being responsible for every single stage of the development process - from conceptualization, to business modeling, to legacy planning, to designing, commissioning, and overseeing a fully functioning, multi-use facility - which continues to flourish today in the first of its kind commercial whitewater stadium in Penrith, Australia.

Our principals have played a significant role in each Olympic whitewater facility since preparing for the 2000 Games, including design and construction in Sydney, value engineering in Athens 2004, bid masterplanning in Beijing 2008, planning, design, and project oversight in London 2012, and , construction monitoring, and commissioning of the Rio 2016 Olympic Canoe Slalom Venue in Brazil and our current design, construction monitoring, and commissioning of the Tokyo 2020 Olympic Canoe Slalom Venue in Japan

WPI team members have also organized Olympic and many World Championship and World Cup events. Our experience with managing international competition and operating whitewater facilities gives us expanded insight when planning and programming new projects, which is why the ICF has engaged WPI to advise them on revising their *Olympic Venue Requirements for Candidate Cities*. This work endeavors to help direct new efforts, in creating Olympic level whitewater facilities, but also in achieving sustainable legacies, which are critically important to the viability of such projects.

With all our clients, we strive to apply the most practical, economical, and reliable solutions to each project's unique circumstances and integrate the best sustainable qualities of successful models like the *Penrith Whitewater Stadium* and the *Lee Valley White Water Centre* into every aspect of planning and design.

### WPI'S UNIQUE EXPERIENCE

- ✓ Involvement in every contemporary Olympic whitewater facility since 1997
- ✓ Time-tested performance as demonstrated in our Sydney 2000 facility
- ✓ Cost-saving design innovations as demonstrated in our London 2012 facility
- ✓ Working understanding of full-facility programming and operations
- ✓ Proven strategic project development plans
- ✓ Experience with facility performance assessment
- ✓ Documented benchmarking and statistics from the most successful facilities
- ✓ Currently collaborating with sport governing body and federations worldwide
- ✓ Applications for value engineering and project sustainability
- ✓ Proprietary business and operation models

[www.whitewaterparks.com](http://www.whitewaterparks.com)

Box 3083 ~ Glenwood Springs, CO 81602 USA +1 970 948 7772  
 Level 36 World Tower, 680 George St, Sydney, 2000 AUS +614 1218 7445



## Modeling for Success

## Whitewater Parks International



WPI principals and our associates combine years of experience in all fields of whitewater sport. They include accomplished project managers, course designers, programmers, engineers, venue administrators, coaches, and athletes from around the world, with formidable backgrounds in developing custom-built whitewater courses and paddling oriented programs.

We pride ourselves on our network of expert colleagues and on having the ability to bring together whatever resources will best support a given project. With this approach, we offer the most complete scope of services available in addressing all phases of whitewater project development.

WPI draws from a number of pre-existing professional relationships, including those formed with Cundall Engineering (based in the UK), as well as with the Czech Technical University Hydraulic Laboratory (CTU-Prague), to deliver the most comprehensive, contemporary, and high quality service package we can provide.

With over 400 staff and offering a full range of integrated engineering services, Cundall has developed into an international multi-disciplinary consultancy operating from over 20 locations across the globe. Established 35 years ago, Cundall currently operates in the Europe, Australia, Asia, the UAE, and South America. They have taken their knowledge and award-winning engineering expertise to each of those markets, and tailored their services to suit individual local needs. WPI worked intensively with Cundall in developing the *Lee Valley White Water Centre*, *The Doedoro Whitewater Facility* and the *Kasai Whitewater Venue*. From that collaboration, we have continued to utilize their talents while pursuing new ventures whereby we apply lessons learned to further a project's sustainability and probability for success.

WPI also collaborates with Czech Technical University on specialized projects. CTU's experience with constructing and testing hydraulic models particularly for whitewater sport is unparalleled internationally. Their work on the Sydney 2000 Olympic Canoe Slalom course was instrumental in configuring its first of its kind hydraulic profile. Most recently, they developed and tested the scale hydraulic model for WPI's design of the *Tokyo 2020 Olympic Canoe Slalom Venue*.



## Project Experience

## Whitewater Parks International

### Sample Clients and Projects



Concept through Detailed Design  
Construction Monitoring  
Commissioning  
**2016 Rio Olympic Venue**

Empresa Olimpica Municipal  
City of Rio de Janeiro, Brazil

Concept & Feature Design  
Specification Development  
Vodafone Events Centre

Counties Manukau Pacific Trust  
Auckland, New Zealand



Facility & Event Management  
Slalom World Championships

Adventure Sports Center International  
McHenry, MD, USA

Venue Requirements Consulting

International Canoe Federation  
Luasanne, Switzerland

Feasibility & Concept Design  
Parc Jean-Drapeau Project

Federation Quebecoise de Canoe  
Montreal, Canada



Compliant Design / Legacy  
Planning / Construction Monitoring  
Commissioning Review  
**2012 London Olympic Venue**

Olympic Delivery Authority  
London 2012 Olympic Games  
London, United Kingdom

Concept Design  
**Proposed 2016 Olympic Venue**

Chicago 2016 Bid Committee  
Chicago, IL, USA

Concept Design, Business  
Modeling, Operations Planning  
**Proposed 2012 Olympic Venue**

NYC 2012 Olympic Bid Committee  
New York, NY, USA

Master Planning and Design  
Support for Winning Bid  
**2008 Beijing Olympic Venues**

EDAW, Inc.  
Shanghai, China

Value Engineering and  
Constructability Review  
**2004 Athens Olympic Venue**

Giffels Associates Ltd.  
Toronto, Canada

Concept Design, Operation Model  
Facility Commissioning  
**2000 Sydney Olympic Venue**

Penrith City Council and Sydney  
Olympic Coordination Authority  
Sydney, Australia







# Lee Valley White Water Centre

Waltham Cross, United Kingdom

Whitewater Parks International (WPI) was retained by London Olympic Delivery Authority over a period of four years to incorporate the value of observations and concepts gleaned from experience with previous courses, most notably the Penrith Whitewater Stadium, into a design that would serve the objectives of the 2012 Olympic Games, the venue owners, the host community, and the future of paddlesports in the best of all possible ways.

WPI developed the concept scheme that received planning approval, as well as the compliant design that was issued with the project's construction tender.

WPI also produced the whitewater channel performance specifications that the contractor was required to achieve and monitored construction and commissioning to ensure installations were done correctly and appropriate standards were met.

Beyond its Olympic destiny, the Lee Valley White Water Centre has become a catalyst for regenerating the surrounding area, serving as a major visitor destination for all forms of whitewater paddlesports, as well as a recreational venue utilized and enjoyed by the local community. Building on successes from the past, the Centre has already realized significant Legacy benefits since its unprecedented public opening 15 months before the 2012 Games. Even in its first few months of commercial operation, the Centre accommodated more than 26,000 rafting customers, an estimated 120,000 casual visitors, and thousands of local school children to participate in its programs. As one of greater London's newest popular attractions, the Centre regularly maintains full bookings during its almost year round commercial season.

## **Competition Channel (Grade 3-4)**

Length: 300 meters (~985ft)  
 Width: avg base 10 meters (~33ft)  
 Drop: 5.5 meters (~18ft)  
 Flow: up to 15<sup>3</sup>m/s (~530 cfs)

## **Training/ Intermediate Channel (Grade 2-3)**

Length: 160 meters (~525ft)  
 Width: avg base 7 meters (~23ft)  
 Drop: 2.1 meters (~7ft)  
 Flow: up to 10<sup>3</sup>m/s (~350 cfs)







## Deep Creek 2014 / Adventure Sports

McHenry, Maryland, United States



Following the Adventure Sports Center International (ASCI) being awarded the 2014 Whitewater Slalom World Championships by the International Canoe Federation (ICF), WPI was retained to provide technical direction for the event over a two year period and guide critical construction projects and infrastructure improvements to bring the venue up to a more preferable international competition standard.

WPI conducted course testing in October 2012 and recommended a series of modifications to ASCI's upper channel reach (total channel length is over 400m and was originally designed by another whitewater consultant). The goal was to improve hydraulic conditions for the World Championships, while also improving the quality of the ASCI commercial rafting experience.

WPI devised a simple, cost effective concept for controlling/ adjusting outflow from start pool. A new system of moveable concrete blocks was configured to achieve the design criteria, which was installed during April 2013. Five days of commissioning involved numerous tuning iterations that led to a block arrangement that robustly met the modification objectives and was successfully put into service for the ensuing ICF Slalom World Championships that took place in September 2014.

Improvements resulting from these modifications included: more useable course area, increased water depth and stability in the upper reach, better hydraulic stability within the pools, improved current direction and speed, deeper and more stable eddys, and the creation of new hydraulic features immediately downstream of the two installed control structures. This adjustable control weir system has shown great promise and will no doubt be utilized in future installations.







## Penrith Whitewater Stadium

Penrith, New South Wales, Australia

With no suitable natural rivers within an acceptable distance, the inclusion of Whitewater Slalom in the 2000 Olympic Games in Sydney presented a major technical challenge to event organizers. A custom-built, artificial river had to be created. As an extra requirement, the client was seeking a venue that would be used for public-access recreation after the Games.

### **Channel Specifications:**

**Length: 320 meters (~1050ft)**  
**Width: 8- 14 meters (~25-45ft)**  
**Drop: 5.5 meters (~18ft)**  
**Flow: 14m<sup>3</sup>/s (~500 cfs)**



The design for this first of its kind artificial river was developed by Whitewater Parks International's (WPI) John Felton, along with other WPI associates. Mr. Felton served as the International Canoe Federation's Technical Representative for design and construction and was ultimately responsible for insuring that the finished product met the established sport standards.

He also developed the operating and financial models that would not only address the Olympic requirement, but also create a successful Post-Games commercial business and community resource that would establish a sound Legacy. Mr. Felton went on to serve as the Competition Manager for the Olympic Canoe / Kayak Slalom events once the course was completed. He was also responsible for developing the models from which the Olympic Overlay was developed.

Penrith Whitewater Stadium remains commercially successful and commands international appeal, demonstrated by having hosted both the Slalom and Freestyle World Championships, as well as World Cup and World Series events. It also maintains vibrant and largely locally-oriented recreational programming. It offers extensive youth activities, professional service training and community events in addition to accommodating its mainstay revenue-producing markets.







19 April 2012

To Whom It May Concern:

Lee Valley Regional Park Authority (LVRPA) is the owner, operator and funder of the Lee Valley White Water Centre (LV WWC): the world's newest purpose built white water venue, specifically designed and developed to host the London 2012 Olympic canoe slalom events.

From its inception the LV WWC was designed with legacy in mind to provide a mix of activity which would be both community and commercially focused, providing a vibrant sport and recreation offer to generate demand from a regional, national and international audience.

The development of the venue involved a number of stakeholders, British Canoeing, the Olympic Delivery Authority (ODA), the London Organising Committee for the Olympic Games (LOCOG), the Park Authority, an economic development agency and Sport England, (the nations national sports funding body). Whitewater Parks International (WPI) worked collaboratively with the design team and the many stakeholders for more than four years and managed to cope with our various demands, helping us to deliver everything required for the Olympic Games and to deliver a venue which would be economically sustainable in legacy, a key requirement for LVRPA.

The Park Authority wanted a venue which would engage the community, promote sport and physical activity, and provide convenient access to affordable programming for large numbers of enthusiastic visitors. WPI opened our eyes to the vagaries of a white water venue and provided crucial information about general operations, visitor flows, facility design, white water rafting, and canoe slalom which then informed our business planning.

LVRPA has extensive experience of running leisure facilities, but operating a white water facility presented us with something quite different. WPI's unique expertise helped us fill the gap. We looked at a number of other white water venues across the world and considered design and operational best practice which then informed the design and operation. WPI helped us to identify and incorporate the best ideas and lessons learned from those facilities. We have just handed the facility over to the LOCOG for the 2012 Olympic Games having completed an extremely successful first season of operation.

Our planning focus was on creating a strong legacy from the very start. WPI developed and led us through a series of exercises to help us determine capacities and coordinate various programming elements. The insight that Bob and John provided resulted in well informed officers at LVRPA and provided the ability to have detailed discussions with knowledgeable individuals which informed the designs at all stages.

WPI were not afraid to challenge any ideas we had and their seasoned perspective allowed us to understand operational requirements and plan for them properly. The 'grown up' discussions that took place in relation to perceived issues and the resolution of them through constructive debate was refreshing and got us where we needed to be. They were uncompromising in ensuring that legacy and commercial aspects were adequately addressed throughout the larger planning process with other project stakeholders.

WPI's demonstrated breadth of experience in programming, operations and event management, along with their sport relationships internationally, offered an insightful and innovative approach, while always directed toward desired outcomes.

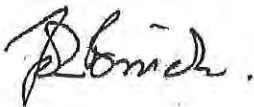
Specifically their vision to create a separate looped course to anchor legacy operations was inspired. We quickly understood the reasoning behind the concept and supported this innovation for its contributions to our program. The "Legacy Loop", as it is referred to, is a first of its kind, an independently serviced training channel that can be operated at low cost while giving us valuable programming flexibility, especially in accommodating introductory and instructional activities. This clever addition to the facility has enhanced our community offer and has played a major role in our current commercial success story.

After a year of operation, the entire venue continues to function efficiently and at manageable cost as it was designed to do. It has been of vital importance to us to achieve the right kind of legacy - one that doesn't cost the taxpayer extra. WPI's thorough planning efforts, along with those of the rest of the design team, were crucial in allowing us to attain that legacy initially and ensuring its sustainability long into the future. We continue to appreciate a very professional and cooperative working relationship with WPI.

After the Games in 2013 we will be investing even more capital at the LV WWC, building on the success of the 2011/12 season. There is no doubt that the work WPI have done so far has been instrumental in securing a significant legacy and allowing the venue to continue to develop.

I have no hesitation in recommending WPI to you and specifically the expertise and added value that John and Bob can bring to any project

Yours sincerely,



John Birch  
Assistant Director : Parks and Venues





Rio de Janeiro, 25 August 2014

Mr. Bob Campbell, Managing Director  
Whitewater Parks International, LLC

Dear Mr. Campbell,

As you know, we are now beginning the final phase of the development of Deodoro's Sports facilities for the Rio2016 Olympic Games, namely the works of implementation of the new buildings and retrofitting the existing ones, adapting them to the Olympic requirements.

As Technical Coordinator for all the Venues in Deodoro, I want to take this opportunity to thank you for what you've done so far and record here the appreciation and recognition, from all us involved, as to the commitment and dedication that you have shown ever since the beginning of the works, as consultants responsible for the Project of the Canoe Slalom Venue in Deodoro, for the Rio2016 Olympic Games.

The way you responded to all project's demands, the detailed addressing of all the key questions throughout the planning stages, the sense of trust and confidence that you provided to all stakeholders involved in the process (and they are many!), due to the clear demonstration of subject knowledge and expertise made all the difference and helped us reach this moment with the certainty that we are heading toward a huge success.

We faced moments of crisis that even threatened the permanence of the installation in Rio de Janeiro, and the contribution of WPI in the technical and financial feasibility studies for the project was crucial, in order to keep it here as we did.

So, thank you very much again and hopefully we will be able to count on you giving the same level of support during construction works phase.

All the best,

Eduardo Mazzi

+55-21-91103818

**EDUARDO MAZZI**  
COORDENADOR TÉCNICO DAS INSTALAÇÕES  
ESPORTIVAS DO DEODORO  
SENIOR VENUE TECHNICAL COORDINATOR OF DEODORO  
☎ 55 21 2016 9074 - Fax: 2016 9810  
✉ amazzi@empresao olimpica.rio.rj.gov.br  
🌐 www.cidadeolimpica.com/empresao olimpica



## Contact Details

## Whitewater Parks International

### REFERENCES

**John Birch**, Assistant Director of Venues  
Lee Valley Regional Park Authority (London)  
+ 44 19 9270 9876

**Ross Fowler**, Chairman Penrith Whitewater Stadium (Sydney)  
Penrith City Councilor and Past Mayor  
+612 47223066

**Jack Hodge**, General Manager  
Penrith Whitewater Stadium (Sydney)  
+612 4730 4333

**Richard Jeffery**, CEO  
Vodafone Events Center, Auckland (New Zealand)  
+64 99 66 1741

**Gregan Crawford**, County Commissioner  
Garrett County, Adventure Sports Center (USA)  
+ 1 301 334 8970

### ~ WPI CONTACTS ~

[www.whitewaterparks.com](http://www.whitewaterparks.com)

#### North American Office

P.O. Box 3083  
Glenwood Springs, CO 81602 USA  
+1 970-947-1515  
+1 650-475-3941 fax  
+1 970-948-7772 mobile  
bob.campbell@whitewaterparks.com

#### Asia / Pacific Office

Level 36 World Tower  
680 George Street  
Sydney, 2000 Australia  
+612 9248-5587  
+612 9144-5556 fax  
+614 1218 7445 mobile  
john.felton@whitewaterparks.com





2019/20			
Computer Maintenance		1-303	CORP 4
Consultants Fees	13,543.14		
Consumables/Materials	13,293.57		
Contractor Payments	2,075.46		
Insurance	4,728.80		
Subscriptions #	182,699.28		
Telecommunication Costs	20,552.71	236,892.96	
Wages	59,453.08		
Oncosts	26,753.70		
Internal Plant Hire/Rental	-	86,206.78	
	323,099.74	323,099.74	
<b>Other IT Expenditure</b>			
Contractor Payments		-	
Energy Costs		330.96	
		330.96	
<b>Corp - Computer System Upgrade *</b>		44,094.97	

# Subscriptions 2019/20			
Community Suite Annual Licence Fee 2019 - 2020		\$61,392.97	Line of Business Software
Cloud Service Fee 22/8/2019 - 22/8/2020		\$37,022.00	Records Management Software
RedOffice addin - Annual Subscription		\$12,500.00	Office / Records Management Integration Software
Intramaps subscription licence fee		\$12,200.00	GIS Software
Livepro full licences		\$9,408.00	Council Intranet software
Mimecast M2A - 50 users		\$6,294.00	Email archiving / Email security service
Index Sync Tool - Annual Subscription		\$5,000.00	Property System / ECM integration software
Renewal of Mitel (Shoretel) Partner Support Agreement for Northern Midlands		\$4,618.00	Phone System support agreement
Intramaps Technical Support Fee		\$3,000.00	GIS Software support agreement
Livepro lite licences		\$2,626.80	Council Intranet software
Veeam Standard Support - 1 year		\$2,556.16	Backup Software
SAVE IT - Cloud Based Archiving - Email		\$2,400.00	Email archiving (now superseded by Mimecast)
Mimecast M2A - Targeted threat protection, email continuity and 99 year archi		\$2,265.50	Email security service
Annual Subscription to RelianSys Delegations 2019/2020		\$2,013.64	Delegation management software
Veeam Standard Support - 1 year		\$1,994.07	Backup Software
Autodesk AEC renewal		\$1,500.00	AutoCAD software
Bluebeam Standard maintenance renewal		\$1,269.00	PDF Editor software
		-	
<b>* Capital Purchases 2019/20</b>			
Data#3 Limited	HP ProBook 650 G5 I5-8265U	\$7,480.00	New laptop computers (x5)
Data#3 Limited	HP ProDesk 600 G4 SFF PC	\$7,343.00	New desktop computers (x7)
Data#3 Limited	HP Probook 650 G4 i5-8250U	\$5,992.00	New laptop computers (x4)
Video Conferencing Australia	Logitech Rally	\$3,271.82	Conference camera for main meeting room
Data#3 Limited	J9772A - HPE Aruba 2530-48G-PoE+ - sv	\$2,097.00	Network switch for works depot
Anderson Morgan (Launceston) Pty Ltd	Ruckus T310c Outdoor Access Point	\$1,776.00	Wireless access point - Longford public wifi
Aerus Technologies	Polycom soundstation duo	\$1,460.00	Conference phone for main meeting room
Aerus Technologies	Mitel IP Phone IP480g	\$884.55	Desk phone handsets (x2)
Data#3 Limited	SMX48RMBP2U Smart-UPS X 48V Extern	\$856.00	Battery backup expansion for servers
4Cabling Pty Ltd	CPU Support Bracket	\$811.80	Computer mounting brackets
Scorptec Computers	Logitech Rally Additional Mic Pod	\$780.00	Microphones for meeting room conference camera
Data#3 Limited	HP 3y NextBusDayOnsite Notebook Onli	\$755.00	Laptop computer extended warranty
Data#3 Limited	HP EliteDisplay E223 monitor	\$717.00	Computer monitors (x3)
Scorptec Computers	Ubiquiti UniFi Video Camera G4 Pro	\$708.18	CCTV camera for Smith St car park
Data#3 Limited	HP Ultralim Docking Station	\$636.00	Laptop docking station
Scorptec Computers	Intel NUC 8 Mainstream-G Kit NUC8I5IN	\$617.27	Mini PC for meeting room
Data#3 Limited	HP 3y Next Business Day Onsite notebo	\$612.00	Laptop computer extended warranties
Officeworks Ltd	iphone 7 128gb black	\$544.55	iPhone
Officeworks Ltd	iphone 7 128gb silver	\$544.55	iPhone
Aerus Technologies	Extension mics for soundstation duo	\$515.00	Microphones for meeting room conference phone
Commonwealth Bank Master Card	MasterCard Payment - G Eacher - Video	\$486.36	Conference camera for smaller meeting room
Officeworks Ltd	iPad 7th Gen 10.2" WiFi 32GB Gold	\$477.27	iPad
Scorptec Computers	Logitech Connect Portable Conference C	\$471.82	Conference camera for smaller meeting room
Scorptec Computers	Logitech Rally Mic Hub	\$470.91	Microphone hub for main meeting room conference camera
Aerus Technologies	License Bundle, Essentials ONSITE	\$458.00	Software licence for desk phones
Video Conferencing Australia	Logitech Strong USB Cable - 10m Cable	\$390.00	USB cable for conference camera
Scorptec Computers	CyberPower Smart App Office 600VA/3f	\$380.91	Battery backup (UPS) for Perth Childcare
4Cabling Pty Ltd	Socomec NeTYS PE 1000VA Tower LCD I	\$315.84	Battery backup (UPS) for Perth Childcare
Scorptec Computers	Intel NUC Kit NUC8I5BEH	\$291.36	Mini PC for meeting room
Officeworks Ltd	Brother MFC-2750DW Multifunction Pri	\$270.91	Printer (Campbell Town Memorial Oval)
Officeworks Ltd	Lenovoa 21.5" monitors	\$267.27	Computer monitors (x2)
Scorptec Computers	Draytek Vigor 2762 Modem Router	\$253.64	Router (internet connection device) for Perth Childcare
Officeworks Ltd	Apple Smart Keyboard for iPad 7th Gen	\$213.64	iPad keyboard (Amanda)



Scorptec Computers	Microsoft Windows 10 Pro, 64 Bit OEI	\$213.64	Mini PC for meeting room (Windows licence)
Officeworks Ltd	Brateck dual monitor mount	\$144.55	Desk mount for computer monitors
Anderson Morgan (Launceston) Pty Ltc	PoE Injector	\$144.00	Power supply for Longford public wifi
Scorptec Computers	Microsoft Windows 10 Pro, 64 Bit OEI	\$105.91	Mini PC for meeting room (Windows licence)
Scorptec Computers	Intel 760P Series 128GB M.2(PCIE) SSD,	\$77.27	Mini PC for meeting room (parts)
Aerus Technologies	Freight	\$50.00	
Scorptec Computers	Intel 760P 128GB M.2 NVMe SSD	\$41.36	Mini PC for meeting room (parts)
Scorptec Computers	Kingston ValueRAM KVR24S17S8/8 8GB	\$31.36	Mini PC for meeting room (parts)
Officeworks Ltd	iphone 7 case	\$26.36	Mobile phone case
Officeworks Ltd	heavy duty case	\$26.36	Mobile phone case
Officeworks Ltd	curved screen protector	\$17.27	Screen protector for iphone
Scorptec Computers	Freight	\$15.45	
Scorptec Computers	Freight	\$14.55	
Scorptec Computers	Freight	\$14.55	
Scorptec Computers	Freight	\$12.73	
Officeworks Ltd	Freight	\$5.41	
Officeworks Ltd	Glass screen protector	\$4.55	Screen protector for iphone
		\$44,094.97	

1-304

2018/19		
<b>Computer Maintenance</b>	<b>1-305</b>	
Consultants Fees	27,100.00	
Consumables/Materials	15,361.83	
Contractor Payments	4,772.32	
Insurance	5,550.00	
Subscriptions #	127,542.96	
Telecommunication Costs	16,672.88	196,999.99
Wages	64,013.97	
Oncosts	28,805.73	
Internal Plant Hire/Rental	1,633.45	94,453.15
	291,453.14	291,453.14
<b>Other IT Expenditure</b>		
Contractor Payments		104.08
Energy Costs		330.64
		434.72
<b>Corp - Computer System Upgrade *</b>		19,055.84

# Subscriptions 2018/19			
Community Suite Annual Licence Fee 2018 - 2019		\$59,031.71	Line of Business Software
Intramaps subscription plan licence fee		\$12,200.00	GIS Software
ECM Support and Maintenance - 1/12/18-30/11/19		\$9,951.51	Records Management Software
Livepro subscription - standard user		\$8,820.00	Council Intranet software
CIRG3GTAA - Central Intercept X - 50-99 USERS - 36 MOS - RENEWAL - GOV		\$4,340.00	Antivirus Software (2 years?)
FG233CTAA - Sophos FullGuard - Subscription licence renewal (3 years) - 1 appliance		\$3,840.12	Antivirus Software (2 years?)
CEAG3GTAA - Central Endpoint Advanced - 50-99 USERS - 36 MOS - RENEWAL - GOV		\$3,444.09	Antivirus Software (2 years?)
Intramaps technical support fee		\$3,000.00	GIS Software support agreement
Mimecast S1 Annual Payment - 50 users		\$2,447.00	Email security service
Mimecast S1 - 50 users		\$2,446.82	Email security service
SAVE IT - Cloud Based Archiving - Email		\$2,400.00	Email archiving
Livepro subscription - lite user / 12 mths		\$2,388.00	Council Intranet software
CSAE3GTAA - Central Server Protection Advanced - 10-24 SERVERS - 36 MOS - RENEWAL		\$2,287.30	Antivirus Software (2 years?)
RelianSys Annual Software Access Fee - 19 July 2018-2019		\$1,986.36	Delegation management software
Production Support/Subscription VMware vSphere 6 Essentials Plus Kit for 1 year		\$1,692.07	Virtualisation software support agreement
ARCHITECTURE ENGINEERING & CONSTRUCTION\ncollection IC SWITCHED FROM		\$1,485.00	AutoCAD software
Mimecast account setup fee		\$817.88	Email security service
<b>* Capital Purchases 2018/19</b>			
Data#3 Limited	J9F42A - HPE Dual Port Enterprise -	\$2,784.00	Server hard drives (x4)
Data#3 Limited	J9F42A - HPE Dual Port Enterprise -	\$2,364.00	Server hard drives (x3)
Data#3 Limited	A3201CSNP - APX 320 (ROW) and C	\$2,088.22	Wireless network hardware / software (Smith St)
Data#3 Limited	EliteDesk 800 G4, i7 Gen 8, Small Form	\$2,079.00	New desktop computer (x1)
Data#3 Limited	HP EB1040G4 I5-7300U 14 8GB/256GB	\$1,999.00	New laptop computer (x1)
Officeworks Ltd	iPad Pro 11" 256gb space grey	\$1,515.45	iPad
Data#3 Limited	HP ProBook 650 G4 - 15.6" - Core i5	\$1,425.00	New laptop computer (x1)
Officeworks Ltd	iPhone 7 32gb black - D Wilson	\$580.91	Mobile phone
Commonwealth Bank Master Card	Commonwealth Bank MasterCard -	\$473.64	
Officeworks Ltd	Dual Monitor Arm & KY-BENQ GW2	\$464.55	Computer monitors (x2) and monitor brackets
Officeworks Ltd	iphone 6S space grey 32gb	\$406.36	iPhone
Officeworks Ltd	iPhone 6S 32gb Space Grey	\$388.18	iPhone
Officeworks Ltd	BenQ Monitors	\$356.36	Computer monitors (x2)
Ben Morison	Ubiquiti Unifi Cloud Key Gen2 Plus	\$326.36	CCTV Storage (Smith St)
Telstra Business Centre North East Tasmania	Netgear Nighthawk M1 router	\$305.45	3G internet device - for CCTV
Data#3 Limited	A320TCHNP - Sophos APX 320 Access	\$301.54	Wireless network hardware / software (Smith St)
Data#3 Limited	HP Thunderbolt Dock 120W G2	\$288.00	Laptop docking station
Ben Morison	Ubiquiti Unifi G3 Flex Video Camera	\$252.73	Surveillance camera (Smith St)
Ben Morison	Seagate Barracuda 3TB hard drive	\$168.18	Hard drive (backups)
Data#3 Limited	HP 3y NextBusiness Onsite Notebook	\$155.00	Laptop extended warranty
Officeworks Ltd	Brateck dual monitor mount	\$144.55	Monitor bracket
Data#3 Limited	HP USB External DVDRW Drive	\$56.00	External DVD drive for laptop (Sam)
Ben Morison	Freight	\$32.73	
Data#3 Limited	HP 14.0 Slim Sleeve	\$32.00	Laptop case
Telstra Business Centre North East Tasmania	Patch lead to suit Nighthawk M1	\$31.82	Antenna cable for 3G router
Data#3 Limited	Freight	\$25.00	
Officeworks Ltd	Glass Screen Protector for iPhone 6	\$4.55	Screen protectors for iPhone
Officeworks Ltd	Pack of iPhone screen protectors	\$4.55	Screen protectors for iPhone
Officeworks Ltd	Snap on case for iPhone 6S	\$2.71	Case for iPhone
		\$19,055.84	



2017/18

<b>Computer Maintenance</b>	<b>1-306</b>	
Consultants Fees	9,964.65	
Consumables/Materials	26,225.91	
Contractor Payments	719.10	
Insurance	5,550.00	
Subscriptions #	102,565.22	
Telecommunication Costs	13,062.33	158,087.21
Wages	61,367.17	
Oncosts	27,611.77	
Internal Plant Hire/Rental	1,843.20	90,822.14
	248,909.35	248,909.35
<b>Other IT Expenditure</b>		
Contractor Payments		456.93
Energy Costs		295.57
		752.50
<b>Corp - Computer System Upgrade *</b>		69,821.95

**# Subscriptions 2017/18**

Community Suite Annual Licence Fee 2017-2018		\$56,761.26	Line of Business Software
Intramaps Subscription Renewal 1/04/18-31/03/2019		\$12,200.00	GIS Software
Annual support and maintenance for ECM		\$9,785.17	Records Management Software
Sophos Central Renewals 17/18		\$5,315.00	Antivirus Software (2 years?)
IntraMaps Technical Support Fees		\$3,000.00	GIS Software support agreement
SAVE IT - Cloud Bases Archiving 17/18		\$2,400.00	Email Archiving
Annual Subscriptions to RelianSys Delegations 17/18		\$1,950.00	Delegation Management Software
Veeam Standard Support - Technical Support Renewal		\$1,807.92	Backup Software
VMWare Support and maintenance - 1 yr 24x7		\$1,732.95	Virtualisation software support agreement
Web hosting for new NMC website and town mini sites - annually		\$1,440.00	Website hosting and web development
Annual Maintenance Renewal - Veeam 2017/2018		\$1,380.00	Backup software
AutoCAD Civil 3D Subscription		\$1,370.00	AutoCAD software
Central Phish Threat		\$1,100.00	Email security testing software
MasterCard Payment - B Morison		\$539.40	
Blubeam maintenance renewal		\$412.20	PDF Editor software
Licence renewal		\$375.00	
MasterCard Payment - B Morison		\$324.78	
<b>* Capital Purchases 2017/18</b>			
Data#3 Limited HP DL 360 Gen10 Server		\$20,380.00	New Servers (x2) and accessories
Data#3 Limited MSA 2042 Storage		\$20,135.00	New Storage
Data#3 Limited Installation and documentation (estimate)		\$9,450.00	Labour to setup and install new servers and storage
Data#3 Limited 1MF39PA - ProDesk 600 G3 SFF PC		\$5,250.00	New desktop computers (x6) and accessories
Data#3 Limited APC Smart UPS 3000VA and network management		\$2,910.00	Battery backup for servers
Contact Electrical Pty Ltd Supply and install Daikin aircon in server cabinet a		\$2,210.00	Heat pump install for depot server cabinet
Data#3 Limited Sophos SG 230 (rev 1) appliance		\$1,663.86	New firewall
Telstra Business Centre North Eas iPhone 8 256gb space grey		\$1,200.00	iPhone
Telstra Business Centre North Eas iPhone 7 (Matte black, 128gb)		\$1,112.73	iPhone
Telstra Business Centre North Eas iPad Pro 10.5" 64g wifi + cellular space grey		\$1,047.27	iPad
Anderson Morgan Consulting LG Monitors		\$822.00	Computer monitors (x6)
Harvey Norman AVIT Launceston ipad 32gb space grey (wifi+cellular)		\$608.18	iPad
Harvey Norman AVIT Launceston iPad - Wifi + Cellular - Space Grey		\$608.18	iPad
EMPR Australia Pty Ltd 719429-001SPS-DRV HD 900GB 6G SAS 10K 2.5 SC		\$576.52	Server hard drive
Data#3 Limited Samsung S22E450B Monitors		\$358.00	Computer monitors (x2)
Telstra Business Centre North Eas Netgear Nighthawk LTE Mobile Router		\$305.45	3G router for CCTV cameras
Telstra Business Centre North Eas Netgear Nighthawk LTE Mobile Router		\$305.45	3G router for CCTV cameras
Anderson Morgan Consulting HP 2013 Ultralim docking station		\$228.28	Laptop docking station
Data#3 Limited D9Y32AA UltraSlim Docking Station		\$225.00	Laptop docking station
EMPR Australia Pty Ltd 822531-001SPS-FAN DL360 GEN8 CAN		\$131.49	replacement part (fan) for server
4Cabling Pty Ltd 1RU 10 way C13 outlet PDU		\$187.27	Power cabling for servers
Harvey Norman AVIT Launceston Screen protector for iPad		\$43.64	iPad accessories
Telstra Business Centre North Eas Case for phone		\$36.36	iPhone accessories
Telstra Business Centre North Eas Screen protector for phone		\$27.27	iPhone accessories
		<b>\$69,821.95</b>	

2016/17		
<b>Computer Maintenance</b>		<b>1-307</b>
Consultants Fees	21,848.41	
Consumables/Materials	11,579.84	
Contractor Payments	12,526.27	
Insurance	4,911.37	
Subscriptions #	90,196.16	
Telecommunication Costs	12,874.51	153,936.56
Wages	58,905.51	
Oncosts	25,918.17	
Internal Plant Hire/Rental	1,426.20	86,249.88
	240,186.44	240,186.44
<b>Other IT Expenditure</b>		
Contractor Payments		618.78
Energy Costs		343.27
		962.05
<b>Corp - Computer System Upgrade *</b>		20,463.28

**# Subscriptions 2016/17**

Community Suite Annual Licence Fee 2016/2017	\$54,578.14	Line of Business Software
IntraMaps Subscription Plan	\$11,600.00	GIS Software
Annual Support and Maintenance Fee - Dec16-Nov17	\$9,602.72	Records Management Software
Renewal of Shoretel Partner Support Agreement - 3 years	\$4,618.00	Phone system support
DMS Technical Support	\$3,000.00	GIS Software support agreement
SAVE - IT Cloud Based Archiving	\$2,400.00	Email Archiving
Central Endpoint Intercept-X - 50-99 users	\$1,332.00	Antivirus Software (computers)
AutoCAD Civil 3D Maintenance Renewal	\$1,305.00	AutoCAD software
Central Server Protection Advanced - 10-24 Servers	\$455.40	Antivirus Software (servers)
BlueBeam Revu Standard Annual Maintenance 2017	\$360.00	PDF Editor Software
MasterCard Payment - B Morison	\$300.00	
AutoCAD LT maintenance renewal	\$275.00	AutoCAD software
MasterCard Payments - B Morsion	\$153.35	
MasterCard Payment - B Morison	\$115.35	
Mastercard Purchases - B Morison	\$101.20	
	<b>\$90,196.16</b>	

**\* Capital Purchases 2016/17**

Data#3 Limited	HP ProDesk	\$16,323.00	New desktop computers (x10), new laptop computers (x5) and accessories
Data#3 Limited	Computer switch	\$2,943.00	New network switch (x1)
Harvey Norman AVIT Launceston	iPad Pro Wifi + C	\$952.73	iPad and accessories
Commonwealth Bank Master Card	MasterCard Pay	\$244.55	
		<b>\$20,463.28</b>	



2015/16			
<b>Computer Maintenance</b>		<b>1-308</b>	
Consultants Fees	39,605.92		
Consumables/Materials	11,444.22		
Contractor Payments	-		
Insurance	-		
Subscriptions #	84,744.27		
Telecommunication Costs	12,242.21	148,036.62	
Wages	59,655.12		
Oncosts	6,984.64		
Internal Plant Hire/Rental	1,413.60	68,053.36	
	216,089.98	216,089.98	
<b>Other IT Expenditure</b>			
Contractor Payments		600.26	
Energy Costs		388.58	
		988.84	
<b>Corp - Computer System Upgrade *</b>		85,372.36	
<b># Subscriptions 2015/16</b>			
Community Suite Annual Licenc Fee 2015/2016		\$52,478.99	Line of Business Software
IntraMaps Subscription Plan 01/04/16 - 31/03/2017		\$11,600.00	GIS Software
Annual Support & Maintenance Fee		\$9,470.14	Records Management Software
Sophos UTM Subscription 2015/16		\$5,060.14	Firewall Software Updates
DMS Technical Support 01/04/16 - 31/03/2017		\$3,000.00	GIS Software Support
SAVE IT - Cloud Based Archiving 2015/2016		\$2,400.00	Email Archiving Software
Licence Renewal 2016		\$375.00	Traffic Management Software
BlueBeam Revu Standard Annual Maintenance 2016		\$360.00	PDF Editor Software
		84,744.27	
<b>* Capital Purchases 2015/16</b>			
Ricoh Launceston	Ricoh MP C8002SP	\$19,990.00	New back room printer
Aerus Technologies	Supply, Installation of Shoretel Tel	\$18,785.00	New phone system supply and install (part payment)
Aerus Technologies	Supply & Installation of Shortel Te	\$15,035.00	New phone system supply and install (final payment)
Anderson Morgan Consulting	Desktops & Notebooks	\$9,544.29	New desktop computers (5) and laptop computers (4)
Data#3 Limited	HP 2920-48G-PoE+Switch	\$5,854.85	New network switches (x2)
Aerus Technologies	10% Deposit for Telephone Syster	\$3,750.00	New phone system supply and install (part payment)
Data#3 Limited	HP 2530-24G-PoE+Switch	\$2,402.00	New network switches (x2)
Data#3 Limited	HP 2920-24G-PoE+Switch	\$2,056.69	New network switch (x1)
Data#3 Limited	APC Smart-UPS x 1500, Adapters l	\$1,565.00	Battery backup for new phone system
Anderson Morgan Consulting	Laptop HP 650 G2 - Kate Keenan	\$1,326.31	New laptop computers
Department of Premier and Cabinet (T TMD Charges - New Phone Charge		\$763.90	Telephone charges
Simply Headsets	Wireless Headsets	\$609.09	Wireless headsets (x3) for new office phones
Aerus Technologies	Training For New Phone Systems	\$560.00	Training for new phone system
Telstra Business Centre North East Tas	iPhone 5S 16GB - Spare	\$453.64	iPhone
Department of Premier and Cabinet (T Phone Account Jan/Feb 16		\$437.00	Telephone charges
Department of Premier and Cabinet (T TMD Charges - New Phone System		\$402.50	Telephone charges
Department of Premier and Cabinet (T Phone Account Feb/March 2016		\$402.50	Telephone charges
Department of Premier and Cabinet (T Phone Account Dec15/Jan16		\$402.50	Telephone charges
Data#3 Limited	Router	\$312.00	Internet connection hardware for phone system
Aerus Technologies	Wireless Headset	\$269.54	Wireless headset for new phones
My Net Fone Australia Pty Ltd	Gigaset IP Phone & Additional Har	\$255.35	Telephone handsets for Perth Childcare
Contact Electrical Pty Ltd	NMC Works, Patched 2x Phone Li	\$195.20	Network cabling
		85,372.36	

2014/15			
<b>Computer Maintenance</b>		<b>1-309</b>	
Consultants Fees	21,160.73		
Consumables/Materials	19,665.25		
Contractor Payments	5,691.00		
Insurance	-		
Subscriptions #	90,552.09		
Telecommunication Costs	13,086.77	150,155.84	
Wages	55,879.62		
Oncosts	2,639.25		
Internal Plant Hire/Rental	879.00	59,397.87	
	209,553.71	209,553.71	
<b>Other IT Expenditure</b>			
Contractor Payments		661.08	
Energy Costs		382.96	
		1,044.04	
<b>Corp - Computer System Upgrade *</b>		<b>36,444.03</b>	
<b># Subscriptions 2014/15</b>			
Community Suite Annual Licence Fee 2014/15	\$50,460.57	Line of Business Software	
MS Licenses Governmnet 2014/15	\$14,500.20	Windows Licences for new servers	
IntraMaps Subscription Plan 2015/2016	\$11,600.00	GIS Software	
WebComm Licence Fee, Jan 1 - Dec 31, 2015	\$4,172.73	Website Hosting	
Sophos Renewal 2014-2015	\$3,112.50	Antivirus software	
SAVE IT - Cloud Based Archiving - Email 2014/15	\$2,400.00	Email Archiving	
AutoCAD LT Subscription Renewal 06/03/15 - 05/03	\$1,580.00	AutoCAD software	
Veeam Renewal 2014/15	\$1,192.00	Backup software	
Bluebeam Seats, Upgrade Licence & Maintenance	\$850.00	PDF Editor software	
Rapid Renewal Licence 2015	\$375.00	Traffic Management software	
Bluebeam Revu Standard 2015	\$309.09	PDF Editor software	
	<b>\$90,552.09</b>		
<b>* Capital Purchases 2014/15</b>			
SDS Security & Data Systems	Supply & Install	\$5,930.00	Security Cameras at Perth War Memorial
Anderson Morgan Consulting	Workstation & S	\$4,798.00	New Computers (x3) and monitors (x3)
SDS Security & Data Systems	Installation of C	\$4,750.00	Security Cameras at Campbell Town Hall
Umart Online	HD 3TB, Rail Kit	\$2,962.68	Storage device (NAS) for backups at Smith Street
SDS Security & Data Systems	Additional Securit	\$2,400.00	Security Cameras at Valentine's Park
Data#3 Limited	APC NetShelter :	\$1,795.00	Server rack for works depot
Anderson Morgan Consulting	HP PorDesk 600	\$1,725.00	New desktop computer (x1) and monitor
Data#3 Limited	Elitebook, Docki	\$1,705.92	New laptop computer and docking station
Anderson Morgan Consulting	Probook 650 i5 v	\$1,469.00	New laptop computer
Anderson Morgan Consulting	HP ProBook (GV	\$1,418.00	New laptop computer
Data#3 Limited	Laptop, Bag, Mo	\$1,305.00	New laptop computer
Anderson Morgan Consulting	HP ProDesk 600	\$1,086.89	New desktop computer
Begents	Pana TH50A430	\$1,057.27	TV for Works depot
Anderson Morgan Consulting	HP ProDesk 600	\$1,028.00	New desktop computer
Anderson Morgan Consulting	HP600 ProDesk :	\$881.50	New desktop computer
Dick Smith Electronics Pty Ltd	iPad Air - S Dhill	\$568.99	iPad
Anderson Morgan Consulting	Epson Printer	\$488.75	Receipt Printer
Break O'Day Council	Iphone & Ipad D	\$373.94	iphone and ipad depreciation?
Jacksons Security Pty Ltd	Abloy Padlock, A	\$341.45	Locks for Perth War Memorial security cameras
Anderson Morgan Consulting	24" Screen	\$215.00	Computer monitor
Telstra Business Centre North East	Aristel Phones	\$143.64	Desk phones (x2)
		<b>\$36,444.03</b>	



## Technology One Presentation – December 2019

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Conceptual.

"Ball park" costings based upon collective commitment.

Cloud/SaaS basis.

- Subscription rather than capital up front.

Option 1: Single instance

- Launceston licence suite.
- Launceston config/database as basis.

Option 2: Separate instances

- Each Council licenses & operates independently.
- Costings based upon core products (tbd).
- Separate database for each Council.

- Councils agree to investigate further
- Councils appoint a small project team
  - Project Manager and Business Analyst
  - Determine sharing model, considerations responsibilities, organisational comms, project structure, legal structure, costs and business case
- TechnologyOne provides pricing for preferred model and project approach
- Contract
- Implement

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