



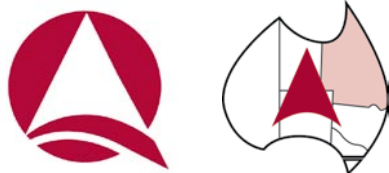
public works engineering excellence awards

...building on success

2007—2009 nominations and results



Institute of Public Works Engineering
Queensland Division Inc



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foreword

The IPWEAQ Excellence Awards were introduced to give recognition for outstanding achievements to engineers and other practitioners working in the local government and public works industries and to their Councils and organisations.

This booklet provides an historical record of the nominations and winners from the 2007, 2008 and 2009 events. The showcasing of all nominations and the presentation to winners was made during the IPWEAQ State Conferences held in Whitsunday, Logan and Barcaldine. A special plaque is awarded to the council/organisation that nominates for the award, with the nominee being presented with a certificate. Winning project entries may be considered for nomination in the IPWEA National Awards, with the winning "people" award being considered for nomination in the IPWEA National Emerging Leaders Awards.

There are many benefits to submitting an entry for the IPWEAQ Excellence Awards, and we recommend all councils consider nominating their people and/or projects. Many of the projects undertaken during the year are examples of industry best practice and may, therefore, assist a fellow practitioner in undertaking projects that may otherwise not happen. While we are keen to showcase the projects, we recognise that people are our most valuable asset, and the attributes of staff can also be recognised for their excellence by nomination in that category.

Presentations are made in the following categories, with all projects showing how they have addressed environmental issues:

- projects over \$1 million
- projects \$100,000 to \$1 million
- projects under \$100,000
- innovation and/or new or improved techniques
- water projects

People Category:

- IPWEAQ Engineer of the Year
- IPWEAQ Young Engineer of the Year
- IPWEAQ Works Supervisor of the Year

Each of these categories was selected to represent the diverse nature of the work of local government and public works practitioners, and the range of nominations

received clearly show this diversity. The Judges of the Excellence Awards nominations believe the calibre of the projects submitted in each year have been outstanding.

IPWEAQ acknowledges its grateful thanks to the Queensland Foundation for Public Works Engineering and the Queensland Water Directorate for their sponsorship, and to the Judges for the time they spend and expertise they bring on assessing the nominations. The judges were:

- 2007 – Peter Way (Chair) and Gil Holmes (Trustee), Queensland Foundation for Public Works Engineering.
2008 – Peter Way (Chair) and Gil Holmes (Trustee), Queensland Foundation for Public Works Engineering and Dr Rob Fearon (Executive Manager), qldwater.
2009 – Peter Way (Chair) and Ian Woodyard (Trustee), Queensland Foundation for Public Works Engineering and Dr Rob Fearon (Executive Manager), qldwater.

We trust that you find the book interesting and informative and we welcome any feedback.

Suzanna Barnes-Gillard
Chief Executive Officer

2007 WINNERS

OVERALL WINNER

Brisbane City Council
Eleanor Schonell Bridge

PROJECTS OVER \$1 MILLION

Thuringowa City Council
Riverway Project

PROJECTS \$100 THOUSAND – \$1 MILLION

Crows Nest Shire Council
Centenary Park Renaissance

PROJECTS \$100 THOUSAND – \$1 MILLION COMMENDATION

Caloundra City Council
Coastal Pathway

PROJECTS OF \$100 THOUSAND

Whitsunday Shire Council
Chloride Flushing at Shute Harbour

INNOVATION AND NEW TECHNOLOGIES

Noosa Shire Council
TravelSmart

ASSET MANAGEMENT COMMENDATION

Pine Rivers Shire Council
Fleet Management

WATER, WASTE WATER, SEWERAGE AND DROUGHT MANAGEMENT: ABOVE \$5 MILLION

Townsville City Council
Water Matters Alliance – Magnetic Island Project

WATER, WASTE WATER, SEWERAGE AND DROUGHT MANAGEMENT: ABOVE \$5 MILLION COMMENDATION

Maroochy Shire Council
Maroochydore Sewerage Treatment Plant Upgrade

WATER PROJECTS INNOVATION AND NEW TECHNIQUES

Wide Bay Water Corporation
Water Metering System

ENGINEER OF THE YEAR

Graeme Wills
George Bourne & Associates

WORKS SUPERVISOR OF THE YEAR

Steve Hughes
Fitzroy Shire Council

YOUNG ENGINEER OF THE YEAR

Brett Cagney
Rockhampton City Council

2008 WINNERS

PROJECTS OVER \$1 MILLION

Logan City Council
SouthWest1 Enterprise Park and Berrinba Wetlands

PROJECTS OVER \$1 MILLION COMMENDATION

Moreton Bay Regional Council
Margate Urban Village Redevelopment

INNOVATION AWARD

Townsville City Council
Transport and Stormwater Work Safe Campaign – “See you tomorrow”

ENCOURAGEMENT AWARD

Moreton Bay Regional Council
The Road Safety Partnership Project

ASSET MANAGEMENT AWARD

Moreton Bay Regional Council
Mobile GIS: Footpath Condition Rating and Hazard Inspection

ASSET MANAGEMENT COMMENDATION

Sunshine Coast Regional Council
Passive Asset Management Methodology and System

WATER PROJECTS OVER \$5 MILLION

Moreton Bay Regional Council
Moodlu Quarry Offstream Storage

WATER PROJECTS OVER \$5 MILLION COMMENDATION

Wide Bay Water Corporation
Raising Lenthall Dam

WATER PROJECTS INNOVATION

Townsville City Council
Water Matters Alliance – Crystal Clear at Cleveland Bay

ENGINEER OF THE YEAR

Michael Borg
Rockhampton Regional Council

WORKS SUPERVISOR OF THE YEAR

Paul Thomas
Lockyer Valley Regional Council

YOUNG ENGINEER OF THE YEAR

Darren Shepherd
Shepherd Services

IPWEAQ 2008 PRESIDENT'S AWARD

Damien McMahon and Lee Purchase
Moreton Bay Regional Council

2009 WINNERS

OVERALL WINNER

Mackay Regional Council
Mackay Water Recycling Project

INNOVATION PROJECTS

Sunshine Coast Regional Council
Erosion and Sediment Control

INNOVATION COMMENDATION

Etheridge Shire Council
Pavement Rehabilitation Works – Gulf Developmental Road

PROJECTS LESS THAN \$5 MILLION

Moreton Bay Regional Council
Woody Point Jetty Reconstruction

PROJECTS \$5–10 MILLION

Rockhampton Regional Council
Rockhampton Community Centre and Library

WATER PROJECTS OVER \$5 MILLION

Carpentaria Shire Council
*Emergency Replacement of the Normanton to Karumba
Water Supply Pipeline*

WATER PROJECTS \$5–10 MILLION

Redland City Council and Parsons Brinckerhoff
Coochiemudlo Island Wastewater Project

WATER PROJECTS OVER \$10 MILLION

Wide Bay Water Corporation
Nikenbah Wastewater Treatment Project

ENGINEER OF THE YEAR

Dawson Wilkie
TCS (Qld) Pty Ltd

WORKS SUPERVISOR OF THE YEAR

David Shing
Sunshine Coast Regional Council

TECHNICAL OFFICER OF THE YEAR

Tony McDonald
Toowoomba Regional Council

YOUNG ENGINEER OF THE YEAR

Neil Ogilvie
Etheridge Shire Council



Brisbane City Council

Eleanor Schonell Bridge

Australia's first dedicated bus, cycle and pedestrian bridge, the Eleanor Schonell Bridge, was delivered two months ahead of schedule and within budget. The project's proven success is testimony to what can be achieved through environmental planning and innovation.

PROJECT CONTACT

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Cairns City Council

The Cairns Esplanade North Parklands

The \$10 million Esplanade North Parklands project completes the redevelopment of the entire Cairns Esplanade. The project combines landscaped gardens and open spaces, with a designated youth activity precinct, consisting of a world-class urban skate park and international-standard beach volleyball courts.

PROJECT CONTACT

John Hawkes

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Caloundra City Council

Caloundra Coastal Pathway Coondibah Creek Link

The Coastal Pathway Coondibah Creek link is a 2.3km shared pathway completed in October 2007. This project traverses stunning dunal coastline and features educational interpretive signage as well as a striking boardwalk crossing the beachside Coondibah Creek at Currimundi.

PROJECT CONTACT

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nominees 2007



Crows Nest Shire Council

Centenary Park Renaissance

The Centenary Park Renaissance project has created a friendly, sustainable community place of local culture and usability in the very heart of Crows Nest, realizing the full potential of our town's unique central square.

PROJECT CONTACT

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Emerald Shire Council

Anakie Disabled Access Toilet

The purpose of the project was to install a disabled toilet facility in Anakie to ensure all members of the community are given fair and equitable access to toilet amenities. The project intended to provide those people with a disability the ability to participate fully in community life, plus to improve the community's ability to serve tourists with disabilities.

PROJECT CONTACT

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Livingstone Shire Council

Emu Park Town Centre Project

The project was a multi-dimensional development of Emu Park's CBD, seeking to deliver sustainable outcomes for the interdependent components comprising street infrastructure, transport options and retail vibrancy while enhancing the town's unique village atmosphere.

PROJECT CONTACT

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Mackay City Council

The Works Dashboard

The "Works Wonders" Team at Mackay City Council has developed a Dashboard that identifies key result areas and performance indicators for the activities of the department. Behind each dial on the dashboard are a range of systems and reports aimed at transparent operational excellence in support of long-term sustainable operations.

PROJECT CONTACT

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Emerald Shire Council

Comet Water Treatment Plant Upgrade

The town of Comet (pop 200), 45km east of Emerald on the Capricorn Hwy, has suffered, historically, from inconsistent water supply and quality. Project objectives were

- to gain a more secure, quality water supply for Comet to avoid the threat of the town running out of water
- to upgrade plant process to ensure longevity of the existing infrastructure
- to enhance quality and use of plant by-products in compliance with environment requirements.

PROJECT CONTACT

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Maroochy Shire Council

Maroochy Boulevard Interchange Project

Maroochy Boulevard Interchange is Maroochy Shire Council's most significant project to date. The successful construction of a \$47 million roadway, including Department of Main Road's Interchange and Maroochy Shire Council's Maroochy Boulevard, reduces traffic congestion and provides greater accessibility to Maroochy CBD.

PROJECT CONTACT

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nominees 2007



Noosa Shire Council

TravelSmart Noosa

TravelSmart Noosa is an innovative travel demand program seeking to reduce growth in private vehicle trips by encouraging use of alternative modes of transport or more efficient car use through car-pooling and combining trips.

TravelSmart Noosa means less congestion, better air quality, improved health and fitness, an integrated and equitable transport system, safer communities and streets, a better quality of life and reduced greenhouse gas emissions.

PROJECT CONTACT

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Pittsworth Shire Council

Southbrook Water Supply Project

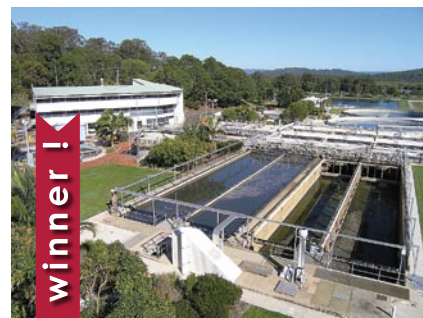
The delivery of treated water to Southbrook required the installation of 7.1km of mainline and a township pipe network of 4.6km. The system is designed to cater for 225 residential connections through the use of transfer and booster pump stations, combined with a 400kL concrete reservoir. The system was designed by Farr Evrat Consulting Engineers in Toowoomba with network construction by Pittsworth Shire Council.

PROJECT CONTACT

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Maroochy Shire Council

Maroochy STP Upgrade Project

The Maroochy Sewage Treatment Plant Upgrade was a \$34.3M project conducted under a competitive alliance model. The plant, owned by Maroochy Shire Council, was upgraded to meet the demand of population growth and improve the health of the Maroochy River.

PROJECT CONTACT

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Pine Rivers Shire Council

Pine Fleet – Putting the Principles into Practice

Pine Rivers Shire Council is presented as a case Study of success in implementing best practice fleet management principles outlined in the IPWEA Plant and Vehicle Management Manual.

PROJECT CONTACT

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Thuringowa City Council

The Riverway Project

Riverway stretches along 11 kilometres of the Ross River, with development nodes at Pioneer Park, Loam Island, Apex Park and the dam. It was conceived by Thuringowa City Council to become an exemplar of ecological sensitivity, while simultaneously providing an exciting environment for the city's young and expanding community to enjoy a variety of water-based and waterfront activities.

PROJECT CONTACT

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Wide Bay Water

Lenthall Dam

Lenthall Dam on the Burrum River is the principal water source for Hervey Bay. An increase in dam capacity secures water for the forecast populations of Hervey Bay in 2025. To provide environmental flows (unspecified at the time) flexibility was a key design criterion.

Along with other environmental benefits, the project has improved ecological conditions for the Burrum River by defining minimum flows and simulated flood events.

PROJECT CONTACT

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nominees 2007



Townsville City Council

Horseshoe Bay Water Recycling

The Townsville City Council's Water Matters Alliance has set a new benchmark for the long term safe-keeping of the Great Barrier Reef Marine Park with the establishment of an innovative wastewater recycling scheme on Magnetic Island.

PROJECT CONTACT

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Whitsunday Shire Council

Lloyd Roberts Jetty, Shute Harbour

Lloyd Roberts Jetty, a major commercial marine ferry terminal was constructed in the 1960s. Tests showed its concrete piles were sound but the deck was subject to chloride attack, with slabs of concrete spalling off the underside. Council flushed the chlorides from the deck with DC electricity at voltages and current flow higher than those used in cathodic protection. With the DC power sources designed by local staff and a detection device invented and fabricated, total costs were about one tenth of cathodic protection.

PROJECT CONTACT

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Wide Bay Water

Smart Metering Project

The Smart Metering Project has seen Wide Bay Water Corporation introduce a world first water metering and billing system. Through this project WBWC has replaced 22,000 water meters with a smart metering system which can be read in a drive by mode and which provides hourly profile data for all consumers. This technology innovation will deliver a range of drought management and water sustainability outcomes for the Corporation.

PROJECT CONTACT

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people awards

Engineer of the Year

Graeme Wills

George Bourne & Associates

Graeme has great communication and negotiating skills, and a good eye for detail. Graeme loves the latest technology and equipment and is known as the techno head at GBA. He has been a valuable resource for IPWEAQ and the QWD by providing technical and common sense input and is always willing – nothing is ever too much trouble.



Works Supervisor of the Year

Steve Hughes

Fitzroy Shire Council

While Steve's technical skills and experience are extensive, it is his people skills that stand him apart. Steve's ability to work with employees, Councilors and the general public in solving their many and varied problems while efficiently managing the operations of a rapidly growing council make him an asset to Fitzroy Shire.

He has won the confidence and respect of the various supervisors and crews for whom he is responsible. His calm and confident manner has transformed what was once a volatile and turbulent workplace.

Over the past twelve months Steve has played a crucial role in the production of the Local Government Handbook and his input has been invaluable.



nominees 2007

Young Engineer of the year

Brett Cagney

Rockhampton City Council

Brett has achieved some significant successes for Council and for himself. He is technically strong and has gained the respect of his fellow workers through developing and successfully implementing processes and achieving substantial outcomes in infrastructure and asset areas for Councils. Brett has put back into the training of future engineers by providing a guest lecture on infrastructure asset management to 1st year engineering students at Central Queensland University. Brett is always willing and puts his hand up to assist.





Logan City Council

SouthWest1 Enterprise Park and Berrinba Wetlands

SouthWest1 Enterprise Park and Berrinba Wetlands is a green enterprise precinct and wetland recreational reserve setting a new standard for Queensland and providing the people of Logan with employment, recreation and education opportunities.



Gold Coast City Council

Municipal Infrastructure Delivery Model

The intent of the Municipal Infrastructure Delivery Model is based on portfolio, project and program management which is leading not only local government in the delivery of infrastructure but has the potential to be applied across other local government entities experiencing similar challenges.



Logan City Council

Logan Water Pressure and Leakage Management Project

The aim of the project was to save water, reduce pipeline breaks and extend the network service life by implementing pressure managed DMAs. The project had to be implemented in an established urban landscape with minimal disruption to the public.

PROJECT CONTACT

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PROJECT CONTACT

**Engineering Services Directorate
Gold Coast City Council**

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PROJECT CONTACT

Reg Bailey

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nominees 2008



Moreton Bay Regional Council

Moodlu Quarry Offstream Storage

This large scale stormwater harvesting project used an existing 60m-deep quarry void as an off-stream storage site for Caboolture Shire Council (now Moreton Bay Regional Council), improving the reliability of the Caboolture Water Supply Scheme by 21.5% and its capacity to weather drought periods.

PROJECT CONTACT

Neil Fitzgerald

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Moreton Bay Regional Council

Margate Urban Village Redevelopment

The Margate Redevelopment Project involved renewal and beautification of approximately 0.7km of State controlled road. The significant landscaping works, including planting of 235 advanced trees, were undertaken without “demeaning” the road through the application of an innovative design and risk management methodology.

PROJECT CONTACT

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Moreton Bay Regional Council

The Road Safety Partnership Project

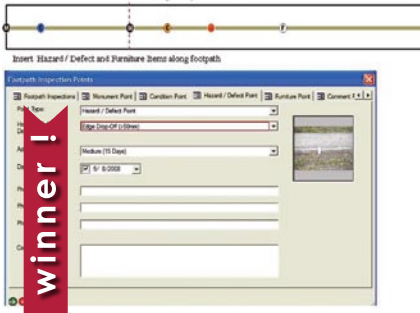
The Road Safety Partnership Project was established to increase local government road safety capability and improve road safety on Local Government roads through the introduction of a strategy and action plan that will develop regional road safety skills and influence all stakeholders to make road safety a priority.

PROJECT CONTACT

Jason Deller

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Moreton Bay Regional Council

Mobile GIS – Footpath Condition Rating and Hazard

The project developed an enhancement of Council's Mobile Geographic Information System (GIS) architecture which enables the user to record and capture footpath network conditions and associated hazards and defects electronically and accurately while in the field. Automated procedures and processes prioritise corrective actions based on proximity and pedestrian volume factors.

PROJECT CONTACT

Gerhard Joubert

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Moreton Bay Regional Council

Water Demand Management Project – Redcliffe

During the current SE Queensland drought, Redcliffe water saving has been facilitated both by the residents saving water under the various levels of restriction, and by the current Redcliffe Water Demand Management Project with Wide Bay Water.

PROJECT CONTACT

David Wiskar

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Southern Regional Water Pipeline Alliance

Bundamba to Swanbank Pipeline

Bundamba to Swanbank (B2S) pipeline was delivered by the Southern Regional Water Pipeline Alliance as part of the SEQ Water Grid. The pipeline supplies recycled water to Swanbank Power Station, saving up to 20 mega litres per day from Wivenhoe Dam.

PROJECT CONTACT

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nominees 2008



Sunshine Coast Regional Council

Kings Beach Caloundra "The Family Resort"

The iconic project – Kings Beach "Family Resort" involved transformation of an antiquated caravan park and adjacent parking lot into an identifiable, sustainable, vibrant, diverse and innovative destination for locals and visitors to Caloundra's Kings Beach. The project forms part of the region's long term planning for a continuous coastal pathway which embraces the vitality of a growing coastal recreation precinct.

PROJECT CONTACT

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Sunshine Coast Regional Council

Passive Asset Valuation Methodology & System

An accurate, scientific, auditable basis for valuing passive assets was developed and implemented. This has enabled better asset management decision making through realistic lifecycle costing, leading to a complete review of maintenance and renewal strategies of passive assets.

PROJECT CONTACT

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Taroom Shire Council

Roma-Taroom Road Upgrade Project

The Roma-Taroom Road Upgrade Project involved upgrading of 17.5km of unsealed road with poor alignment, untrafficable during any adverse weather conditions, to a fit-for-purpose all-weather standard. Innovative approaches to design, construction and management have made the project an all-round success.

PROJECT CONTACT

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Toowoomba Regional Council

Bore Water Injection Project

The Bore Water Injection Project was created with an alliance between Toowoomba City Council, Crows Nest Shire Council and the Hampton Irrigators. The project provided a transfer main, treatment, and storage and bulk water main injection pump station, providing a drought affected Toowoomba City with an additional 1000ML of water per year.

PROJECT CONTACT

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Townsville City Council's Water Matters Alliance

Crystal Clear at Cleveland Bay

As part of a large-scale program to provide long term safe-keeping of the Great Barrier Reef Marine Park, Townsville City Council's Water Matters Alliance has completely rebuilt the Cleveland Bay Wastewater Treatment Facility. High-tech filters are turning effluent into high quality crystal clear water, making the plant the largest of its kind in the southern hemisphere.

PROJECT CONTACT

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Townsville City Council

Work Safe – See you Tomorrow Campaign

At Transport and Safety we created a Work Safe Campaign that encompassed safety, health and wellbeing in all areas of work and life that could be directed appropriately towards our workforce. It was designed to create awareness and to provide education.

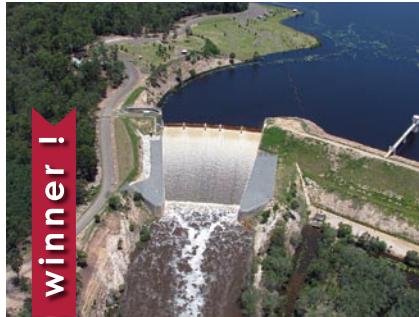
PROJECT CONTACT

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nominees 2008



Wide Bay Water Corporation

Wide Bay Water Corporation, Geotechnical Engineering & GHD

Dual Reticulation Project

Raising Lenthall Dam

This is a demonstration project illustrating a “fit for purpose” approach to industrial water uses of Class B water on the Fraser Coast Airport Industrial Park. An energy efficient dual reticulation scheme has been installed which has directly replaced 315ML/annum of potable water.

The design and construction of the crest gates on Lenthall Dam spillway increased the storage capacity of the Hervey Bay water supply on Qld’s Fraser Coast in a cost effective manner. This project helped to secure the region’s future water needs while considering the effects of the raised dam wall on upstream properties, water quality, downstream rivers, ecosystems and areas of cultural significance.

PROJECT CONTACT

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PROJECT CONTACT

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people awards

Engineer of the Year

Michael Borg

Rockhampton Regional Council

Michael was named Engineer of the Year for his involvement in the CQ Plant Forums and for the mechanical engineering skills and knowledge that he brings to local government.

Michael started his Public Works career with the previous Rockhampton City Council's Engineer's Department 20 years ago and has developed expertise in water, sewerage and built infrastructure, fleet management, procurement and project management.



Works Supervisor of the Year

Paul Thomas

Lockyer Valley Regional Council

As overseer at Laidley Shire Council, Paul Thomas was responsible for the co-ordination of Council's road maintenance and road construction activities. Paul is involved with the estimating and management of larger private works and capital projects and is highly skilled in understanding specifications and development standards. A high level of commitment to Workplace Health and Safety and ongoing improvement in operational and construction techniques has seen the efficiency and standard of works within the shire improve under Paul's leadership. As overseer, Paul is required to deal with a number of stakeholders including staff, developers, consultants and Main Roads. He uses his highly developed people skills to work through the many challenges faced in local government engineering.



nominees 2008

Young Engineer of the Year

Darren Shepherd

Shepherd Services

Darren has been a strong advocate of IPWEAQ through the CQ Branch. He became an IPWEAQ skills development trainer with the Condition Rating training and then developed a program on unsealed roads for the IPWEAQ. Darren is seen by his peers as a young engineer with the drive to succeed, which he has, in his own successful business. He is well respected throughout local government.



IPWEAQ 2008 President's Award

Damien McMahon and Lee Purchase

Moreton Bay Regional Council

This award is not an annual award but is presented at the discretion of the President. This year the President's Award was presented to Damien McMahon and Lee Purchase for their tireless efforts on the Standard Drawings Project.

Damien McMahon



Lee Purchase



Mackay Regional Council

Mackay Water Recycling Project

The Mackay Water Recycling Project is the largest regional reuse scheme of its type in Queensland and one of the largest in Australia. The MWRP recycles up to 90% of Mackay's wastewater to better protect the Great Barrier Reef, protect and rehabilitate overcommitted ground water resources and achieve a more productive sugar cane industry.

PROJECT CONTACT

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Sunshine Coast Regional Council

Erosion and Sediment Control Program

After several years of monitoring aquatic ecosystem health and the effectiveness of rehabilitation, the largest, most controllable source of pollutants is established as sediment loads in stormwater runoff from construction activities (e.g. urban development). With developments underway and proposed for the Sunshine Coast, this problem has potentially serious consequences for waterway assets as sediment pollution harms fish health, smothers aquatic habitats and impedes aquatic plant growth.

PROJECT CONTACT

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Moreton Bay Regional Council

Woody Point Jetty Reconstruction

The original Woody Point Jetty was first built in 1881 of timber and rebuilt in 1922 of concrete. By October 2006 much of the concrete had degraded and the jetty was closed to the public. How do you rebuild an historic icon, originally built of timber for paddle steamers and fishing?

PROJECT CONTACT

Damien McMahon

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nominees 2009





Cairns Regional Council

Redlynch Community Sports Facility

The project, comprising the development of community sports facilities on land at St Andrew's Catholic College in Redlynch, Cairns, included design and construction of an access road and carpark, multi-purpose courts, amenities block (designed to cater for the addition of a kiosk and change rooms and for enclosure of the courts) and two sports fields, one with an irrigation system and an international-standard subsurface drainage system to produce a playing surface usable in all weather.

PROJECT CONTACT

Brad Finegan

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Rockhampton Regional Council

Community Centre and Library, Rockhampton

The new \$9.5 million Rockhampton Community Centre and Library is a state of the art facility designed by Sydney-based Architects Brewster Hjorth. The building's forms, materials and colours were all chosen to create an inviting and impressive facility to cater for different ages and needs groups within the city.

PROJECT CONTACT

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Etheridge Shire Council

Pavement Rehabilitation Works

The Gulf Developmental Road Rehabilitation of 9.2km of 4m width bitumen road was achieved through the addition of a 100mm gravel overlay and an 8m bitumen seal at a cost of \$1,044,321.

PROJECT CONTACT

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Wide Bay Water Corporation

Burrum River Crossing Ship-lining Project

Burrum Heads is serviced by a 315mm water main which has resulted in pipe failure as it crosses the Burrum River. The project involved maintaining reliability of supply and service standards by insertion of 350m of smaller diameter lengths of poly ethylene pipe through the existing 315mm conduit.

PROJECT CONTACT

Darren Smith

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Carpentaria Shire Council

Emergency Replacement of Water Supply Pipeline

In the midst of the 2009 Tropical Cyclone Charlotte flood event over North Queensland, the Normanton to Karumba water supply pipeline, which provided drinking water to the township of Karumba, failed at the point where it crossed the Norman River. This project was for the emergency reinstatement of the Karumba Water Supply.

PROJECT CONTACT

Matt Fanning

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Redland City Council

Coochiemudlo Island Wastewater Project

Redland Shire Council commissioned Parsons Brinckerhoff to investigate and develop a new sewerage system on Coochiemudlo Island. By replacing existing septic tanks with gravity sewers, Coochiemudlo Island Wastewater Project prevents septic tank contamination leaking into Moreton Bay and improves water quality.

PROJECT CONTACT

Neil Fitzgerald

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nominees 2009



Wide Bay Water Corporation

Nikenbah Wastewater Treatment Plant

The aim of the project was to provide a state of the art 25,000 person (5ML/day) "water reclamation plant" to treat the increasing volumes of sewage due to population growth in Hervey Bay and beneficially market Class A product water to a range of users.

PROJECT CONTACT

David Wiskar

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people awards

Engineer of the Year

Dawson Wilkie

TCS (Qld) Pty Ltd

Dawson is very well deserving of this Award. He has worked very hard in his Branch and Board journey and finishing his term with the IPWEAQ in very good stead. Dawson has been a significant driver of the Queensland Water Directorate.



Works Supervisor of the Year

David Shing

Sunshine Coast Regional Council

David is a worthy candidate for this Award. He has shown a willingness to jump into the amalgamation process with both feet and take up the challenges.

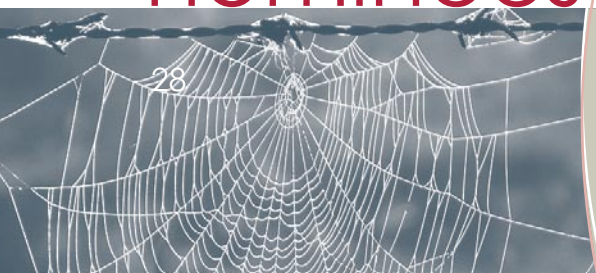
David has been active in building partnerships across the three areas – a challenge the ex Noosa staff found more difficult in some ways due to the passion of their anti-amalgamation fight. He has been an active participant in our service review processes and willing to share his ideas where possible.

David has also been utterly reliable when we have had a season of two major floods in the Northern area (around Kin Kin), major beach erosion as well as an oil spill.

Not only that but he stepped into the role of President of the WOAQ following Phil Lakey's sad passing.



nominees 2009



Technical Officer of the Year

Tony McDonald

Toowoomba Regional Council

Over the past thirty-two years of his employment with Cambooya Shire Council, now Toowoomba Regional Council, Tony McDonald has been an integral part of the tremendous changes that have seen the area progress to the high standard for which it is known within the industry today.

Over his nearly forty years of employment in Local Government, including those in the position of Manager Engineering Services, Tony has shown great leadership by way of assistance and encouragement to individual members of his teams and by building rapport with individuals and industry peers.



Young Engineer of the Year

Neil Ogilvie

Etheridge Shire Council

Neil is a young and enthusiastic Graduate Civil Engineer looking for opportunities to expand his experience in delivery of projects and construction.

As Director of Engineering Service for only two years, Neil is responsible for leading and coordinating the Engineering team through Construction, Maintenance, Water Supply and Parks & Gardens. His department has grown in excess of 50% of the traditional size with budgets growing 100+% of previous years.

Neil has taken on a large role and is working with the staff to more than capably deliver the community's expectations.





The Queensland Foundation
for Public Works Engineering and *qldwater*
– proud to be sponsors of the IPWEAQ Excellence Awards –



The trustees believe that the Excellence Awards provide an appropriate and necessary mechanism for local government and public works practitioners to showcase their outstanding efforts on behalf of the community, many of which occur in their day to day operations. This publication provides an ideal reference book for practitioners, who can contact their colleagues and gain information prior to their commencing similar projects.

As well as encouraging excellence in projects, each year the Queensland Foundation offers Fellowships to approved candidates to participate in study tours. The purpose of each of the tours is to provide recipients with opportunities to enhance their professional and skills development by attending conferences and participating in visits to local authorities. By participating in any one of the study tours, recipients can broaden their perspectives and how they approach daily work and personal life.



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