

VISION

Time to refuel your thinking



WELCOME

TO A SPECIAL EDITION OF VISION NEWS; CELEBRATING SUCCESS STORIES FROM THE 2014 CIVIL CONTRACTORS FEDERATION EARTH AWARDS.

The CCF Earth Awards recognise excellence and innovation in the fields of construction, environment and project management. *Refuelling Solutions*® fuel management is proud to have been involved in many of the finalists' projects - including three of the five national category winners.

In this edition we profile their momentous achievements. These stories demonstrate that with initiative and a willingness to employ creative thinking, our industry can find solutions that are both environmentally and economically resourceful.

We look forward to the CCF 2015 national conference in October which will showcase the CCF Earth Awards plus The Earthmover and Civil Contractor Awards and the first national Civil Train Awards. To find out more please visit www.ibiawards.com/earthawards

We truly value the relationships we share with our customers and hope you enjoy reading their stories. If you would like fuel management advice tailored to meet your unique requirements, please contact your *Refuelling Solutions* state manager.



WINNER: FORD CIVIL

PROJECT: BARANGAROO SOUTH PERMANENT STORMWATER DIVERSION (NSW)

CATEGORY: PROJECTS BETWEEN \$5 AND \$20 MILLION

Contained on a sensitive parcel of land bordered by Sydney Harbour and the city's CBD, the Barangaroo South precinct presented a plethora of environmental, safety and logistical challenges for Ford Civil. Their innovative solutions to create a permanent stormwater diversion through this complicated site deservedly earned Ford Civil the title of national winner for projects between \$5 and \$20 million at the CCF Earth Awards.

As an extension of Sydney's CBD, Barangaroo South will accommodate headquarters for Australian and international corporations while also providing the community with a precinct of commercial office buildings, residential apartments, an international hotel, shops, cafes, restaurants and cultural facilities. Ford Civil was the first contractor employed on site by Lend Lease four years ago to commence the long process of converting old working docks into a thriving commercial and tourism precinct.

Ford Civil's Managing Director, Stuart Ford spoke of the complexities involved: "Barangaroo South is the longest continuous project in our company's history, and has certainly provided us with environmental challenges and the most intense scrutiny to meet exacting requirements. We had to think of creative ways to maximise work hours so we weren't hindered by tides or breaking noise restrictions."

To enable construction of the main buildings it was necessary to re-divert the existing stormwater system around the perimeter of the site. Where stormwater drains needed to be constructed beneath existing HV conduits, hand excavation and non-destructive digging techniques were employed, along with custom designed steel beams to support live surfaces during works. When cranes could not be safely used, Ford Civil devised a combination of Teflon rollers, hydraulic jacks and pulleys to manoeuvre culverts into place.

Another ingenious solution was the construction of a watertight cofferdam to create a dry area within Sydney Harbour, allowing work to safely continue below high tide levels while minimising pollution risk. The cofferdam was installed by an expert diving team, assisted by a mobile crane and designed to cope with tides, swells and boat wakes.

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THE CCF
EARTH AWARDS
EXCELLENCE IN CIVIL CONSTRUCTION

REFUELLING SOLUTIONS
Refuel your thinking





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Dave Simmons, New South Wales State Manager for *Refuelling Solutions* said, "Barangaroo South is such a delicate site with extreme technical and environmental challenges. The waterfront location made for many complications, yet thanks to their cofferdam, no uncontrolled water discharges entered the harbour, even despite high rainfall events. Local regulations such as noise curfews meant they couldn't work at night so intelligent time management was essential. Add to this the issues of local traffic control and pedestrian access – Ford Civil took it all in their stride.

"We have been working with Stuart for over a decade now and enjoyed a strong relationship with Ford Civil in that time. We share a similar business culture and understand their exacting requirements for environmental and workplace health and safety compliance."

Stuart Ford said, "On a project of this magnitude, it is imperative that we maintain control over the quality and cost of our fuel. Our equipment is serviced and maintained regularly and our fuel systems have never once been compromised. This gives us the assurance of knowing our equipment is available to operate 100 per cent of the time.

"*Refuelling Solutions*' reporting systems greatly assist with our accountability. The Barangaroo South site actually comprises various separate contracts for us, so the traceable fuel reports we receive allow us to breakdown costs per machine or per project.

"There have been many challenges and restrictions on this site, but the commitment, availability and mobility of *Refuelling Solutions*' *Mini-Tankers* has never been one of them."



WINNER: THIESS YORK JOINT VENTURE

PROJECT: GOODWOOD JUNCTION RAIL GRADE SEPARATION (SA)

CATEGORY: PROJECTS BETWEEN \$20 AND \$75 MILLION

NETWORK UPGRADES IN A HIGH TRAFFIC, LIVE RAIL ENVIRONMENT ARE ALWAYS GOING TO BE COMPLEX. BUT DELIVERING 550 METRES OF NEW ABOVE AND BELOW GROUND LINES, WITH BOTH PASSENGER AND INTERSTATE FREIGHT TRAINS OPERATING THROUGH THE SITE, WITHIN CLOSE PROXIMITY TO THE CBD, CONSTRAINED BY ENVIRONMENTAL AND COMMUNITY CONSIDERATIONS - AND ALL WITH ZERO LOST-TIME INJURIES - IS A FEAT WORTHY OF A NATIONAL CCF EARTH AWARD.

Thiess York Joint Venture (TYJV) contributed to the overhaul of Adelaide's outdated rail network with the separation of the Belair and Seaford lines at Goodwood Junction. Previously, trains had to stop and give way at this location, but TYJV's resourceful solution has enabled the smooth flow of rail traffic, improved passenger and freight rail safety, increased network efficiencies and eased CBD traffic congestion. This multifaceted scope included excavation and construction of a railway underpass, development of bridges and decks, creek diversion, new and upgraded rail infrastructure, and pedestrian facilities.

Adding to the project's complexity was the Australian Rail Track Corporation's freight services running through the confined 30 metre junction site 24 hours a day, seven days a week. TYJV relocated the live freight line twice to allow grade separation works to continue without interruption to the staged programme.

Dean Purdy, Project Manager at Thiess said, "The South Australian team exceeded the Department of Planning, Transport and Infrastructure's (DPTI) expectations when it delivered the \$45 million Goodwood Junction Upgrade on time in August – a feat considered at the outset to be 'mission impossible'. With time dictating the team's approach to design, safety, environment and stakeholder relationships, as well as delivery, a highly-planned sequencing of staged construction milestones was critical to success. The momentum and focus we needed meant getting absolute alignment with our consultants, subcontractors and suppliers quickly. It also meant getting motivated, experienced people in the right positions early and establishing accountability around safety, communication and environment so each milestone was delivered according to plan.

"Looking back, I'll remember it as a challenging job but I'm very proud of the team's achievement

and commitment to 'getting in and getting the job done'.

"*Refuelling Solutions* closely supported our efforts and were aligned with the project goals. Their approach and flexibility in delivery times and access to and around site facilitated our production and target outcomes."

Mini-Tankers® onsite refuelling provided deliveries six days a week for a period of fourteen months. Business Development Manager for South Australia, Dave Heinrich said, "Refuelling plant and equipment on sub-ground levels did provide some interesting challenges for us, but the *Mini-Tankers* were ideal for accessing machinery in difficult territories.

"Working around the three different rail organizations operating through this corridor must have made for incredibly complex logistics. But Thiess York Joint Venture managed everyone's requirements and communicated well with their client, sub-contractors, local residents and all other stakeholders.

"Thiess' strength lies in their engineering brilliance, and York's strength is their consistently high quality of construction. As a joint venture they have proved to be a very organized and skilled operation, functioning in a timely and effective manner."

WINNER: JOHN HOLLAND TERRITORIA CIVIL

PROJECT:
ICHTHYS SITE DEVELOPMENT
CIVIL WORKS (NT)

CATEGORY: PROJECTS MORE
THAN \$75 MILLION

**THE STATE-OF-THE-ART
ICHTHYS LIQUEFIED NATURAL
GAS PROJECT WILL TAP
THE VAST BROWSE BASIN
LOCATED 200 KILOMETRES
OFF THE NORTH-WEST
AUSTRALIAN COAST.**

**GAS WILL BE EXPORTED VIA
AN 889 KILOMETRE PIPELINE
TO A NEW ONSHORE
PROCESSING FACILITY
IN DARWIN, AT A SITE
METICULOUSLY PREPARED BY
JOHN HOLLAND TERRITORIA
CIVIL.**

Civil construction works by the joint venture included: earthwork site development of the LNG plant, flare pad, module offload facility causeway, operations complex, site access road, and pavement, drainage and ground improvement for the finished earthwork levels.

Upon commencement of operations in 2016-17, the liquefaction plant will at peak produce 8.4 million tonnes of LNG and 1.6 million tonnes of LPG per annum.

Refuelling Solutions assisted John Holland Territoria Civil over a two year period. Business Development Manager for Northern Territory, Dave Heinrich said, "This was the most stringent project I've ever worked on: the vehicle compliance checks and driver medical and drug testing ensured the sensitive site remained safe and efficient. We have a long standing relationship with John Holland and the professional manner in which they communicate and function helps improve the way we operate our own business.

"In a project of this scale, the customer embraced Refuelling Solutions' methods of capturing and reporting data, and appreciated our commitment to meeting their rigorous requirements."



FINALISTS: A NATION OF INNOVATORS

FROM MYSTERY UNDERGROUND PIPES IN PERTH TO ARCHAIC RAILWAYS IN ADELAIDE AND EPIC ROADWORKS IN MELBOURNE. SIX OF REFUELLING SOLUTIONS' CUSTOMERS HAVE SOLVED THE MOST COMPLEX OF LOGISTICS TO DELIVER INTELLIGENT, SAFE AND ENVIRONMENTALLY SOUND PROJECTS, EARNING THEMSELVES FINALIST PLACINGS AT THE PRESTIGIOUS CCF EARTH AWARDS.

FINALIST:

Department Of Planning, Transport & Infrastructure, Bardavcol, Wallbridge & Gilbert

PROJECT:

Marion Railway Station Pedestrian Underpass (SA)

CATEGORY:

Projects between \$1 and \$5 Million

FINALIST: Multiworks Services

PROJECT:

Richmond Terminal Station (VIC)

CATEGORY:

Projects between \$5 and \$20 Million

FINALIST: Department Of Planning, Transport & Infrastructure, McConnell Dowell

PROJECT:

Adelaide Showground Station (SA)

CATEGORY:

Projects between \$5 and \$20 Million

FINALIST:

Georgiou Group

PROJECT:

Elizabeth Quay External Roadworks (WA)

CATEGORY:

Projects between \$20 and \$75 Million

FINALIST:

Fulton Hogan

PROJECT:

M80 Upgrade – Edgars Road To Plenty Road (Vic)

CATEGORY:

Projects more than \$75 Million

FINALIST:

Department Of Planning, Transport & Infrastructure, Thiess York Civil, John Holland, Coleman Rail, York Rail, Laing O'Rourke, McConnell Dowell, Siemens, Bardavcol, Bombardier Transportation

PROJECT:

Rail Revitalisation Project (SA)

CATEGORY:

Projects more than \$75 Million





CUSTOMER PROFILE: PEACHEY GROUP

FOR OVER 60 YEARS, THE NAME "PEACHEY" HAS BEEN SYNONYMOUS WITH QUALITY IN THE SOUTH EAST QUEENSLAND / NORTHERN NEW SOUTH WALES BULK EARTHWORKS INDUSTRY. NATURAL DISASTERS, ECONOMIC UPHEAVALS AND INDUSTRY CHANGES HAVE PRESENTED NUMEROUS CHALLENGES OVER THE YEARS, YET PEACHEY GROUP CONTINUES TO EVOLVE AND STAY STRONG.

Philip Peachey commenced his earthmoving operations in the 1950s on the back of an honest and reliable work ethic that became the cornerstone of the business. And despite over half a century of developments, this is one aspect of the business that has never changed. The family business was taken over by Rodney and Audrey Peachey in the 1980s and in 2006 their trusted associate Dan Baumann purchased Peachey Constructions.

Over the last decade, Dan has steered the company through two monumental floods, the global financial crisis and several other challenging times. His experience and foresight led to the company's greatest change as it evolved into Peachey Group consisting of four divisions: Peachey Plant Hire, Peachey Civil, Peachey Heavy Haulage and Peachey Workshops.

Whilst Peachey's history is dominated by bulk earthworks projects, the modern Peachey business is now focused predominantly on wet and dry plant hire. The Peachey Civil arm continues to perform bulk earthworks, but now operates as a sub-contractor rather than principal. Peachey Heavy Haulage and Peachey Workshops support the rest of the Group while also servicing external contractors.

Refuelling Solutions' State Manager for Queensland, Brent Herrick said, "Peachey Group has a culture of doing whatever it takes to respond to their customers' needs. They can have multiple plant at up to 10 sites that all require refuelling on any given day, six days a week. Sometimes these are outside of traditional regions, or situated in unique circumstances. As a result, our companies keep in regular contact, and our *Mini-Tankers* are available to refuel at odd times, once or even twice per day.

"Our dealings with Peachey are not just across one or two people. Everyone at Refuelling Solutions, from our Managing Director, to our office staff and operational members appreciates the importance of our relationship with Peachey Group."

For Chris Batson, General Manager of Peachey Group, the value of a close working relationship is mutual: "*Refuelling Solutions* has proven to be a reputable supplier, unmatched in both quality and service. Being in the earthmoving industry

our work takes us to many different locations, which can lead us to have refuelling requirements at obscure times and places. Thankfully, Brent and his team are always very accommodating and always get fuel where it needs to go. Before we started working with *Refuelling Solutions* in 2012, we required multiple companies to meet our refuelling needs. Being able to fulfil all our requirements, they have since become our sole onsite refuelling supplier, which has led to a reduction in administration costs.

"*Refuelling Solutions* has always been contactable and swiftly dealt with any of our requirements, even at short notice. Administration matters are always handled quickly and in a very professional manner. This, coupled with some of the most competitive rates on the market mean they have been a great company to deal with."

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