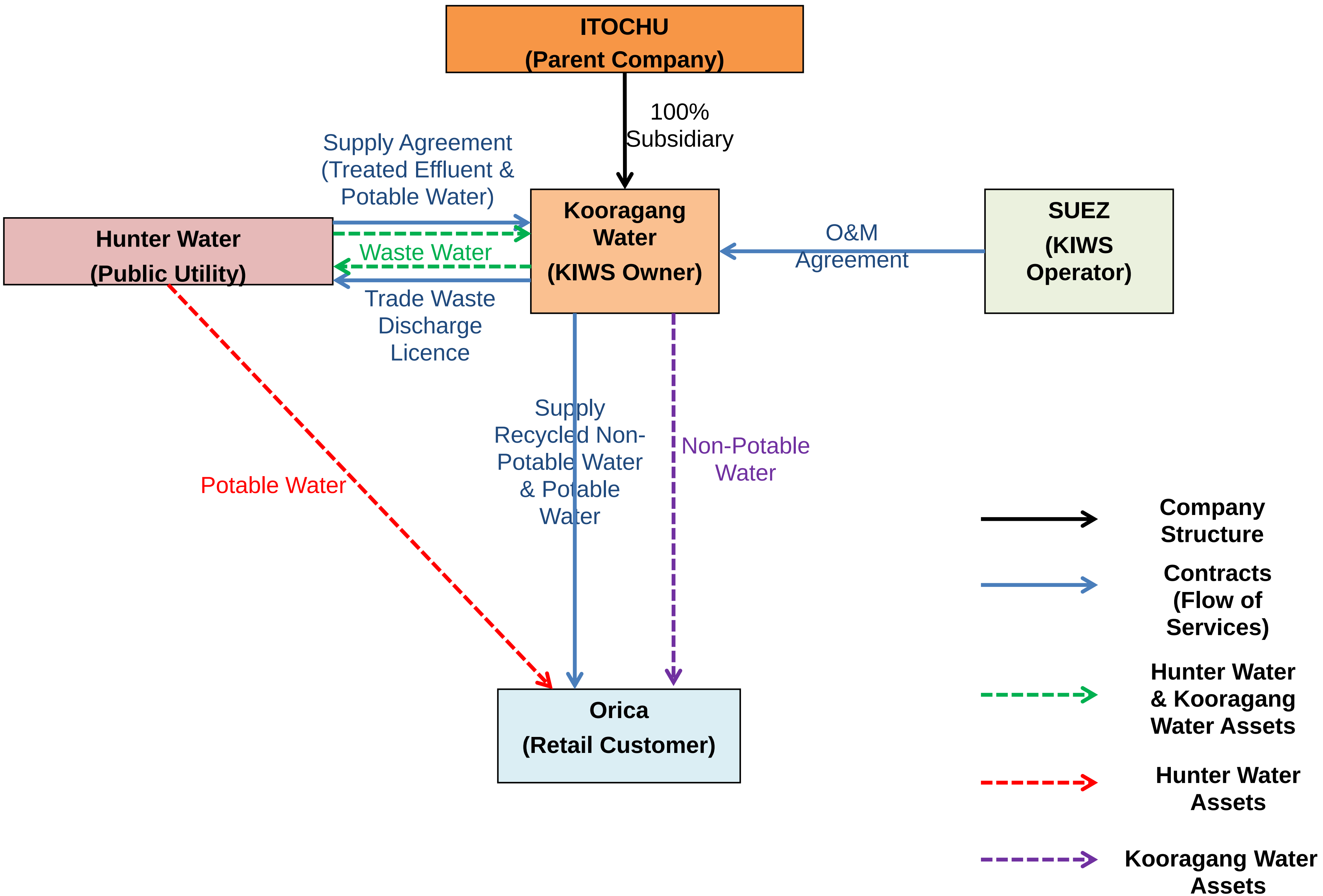
APPENDIX 6.1.1

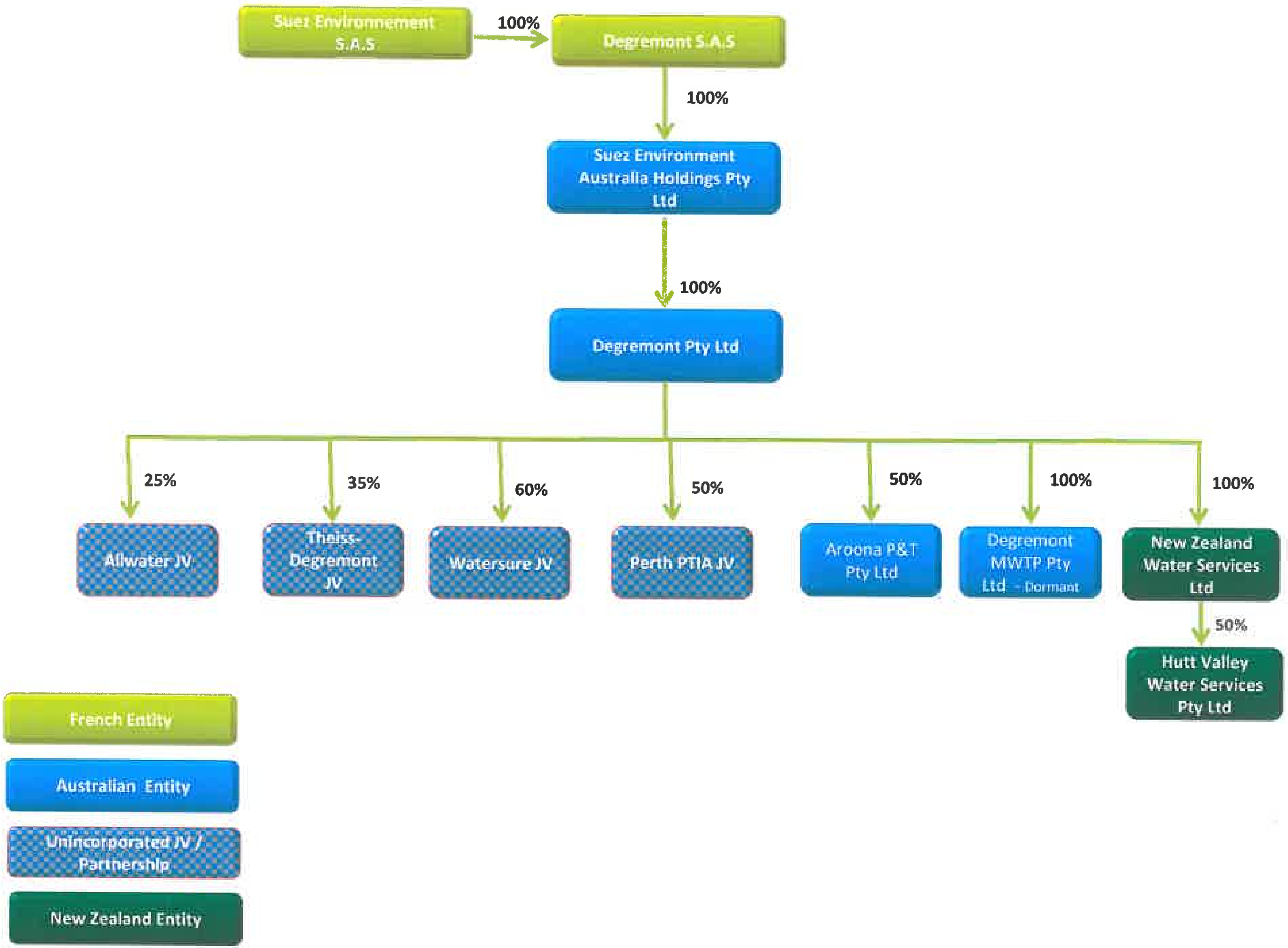
Degremont Pty Ltd Organisational Diagram

KIWS – Contract & Asset Ownership Structure

Contract Structure & Asset Ownership – KIWS



Degremont Pty Ltd Corporate Organisational Structure



APPENDIX 6.1.3

Kooragang Industrial Water Scheme – Key Personnel

Curriculum Vitae

Name

Mark Lautre

Born 1965

Australian Citizen

Relevant Skills

Operations General Management

2016	SUEZ Australia	**Executive Committee Member**
2009-Present	Degremont Pty Ltd Sydney, AUSTRALIA	**General Manager, Operations** Executive management role responsible for all treatment operations and operational contracts in QLD, NSW, VIC & New Zealand.
2006-2009	Degremont Pty Ltd Sydney, AUSTRALIA	**Plant Manager – Prospect Water Filtration Plant** Operational management role responsible for the company's treatment operations at the Prospect Water Filtration Plant in Sydney, New South Wales.
2003-2006	Degremont Pty Ltd Sydney, AUSTRALIA	**Technical Services Manager** Technical management role responsible for technical, operational & management system support to the company's operations and project teams.
2002-2003	Degremont Pty Ltd Sydney, AUSTRALIA	**Plant Manager – Cronulla WTP Plant** Operational management role responsible for the company's wastewater treatment operations at the Cronulla Wastewater Treatment Plant at Kurnell, New South Wales.
2001-2002	Water & Sanitation Services Pty Ltd Johannesburg, SOUTH AFRICA	**Divisional Manager:** Operation Support (Johannesburg Water Utility) & Johannesburg Water Management Pty Ltd (JOWAM) (a Suez owned Company) General management role with responsibilities for an operating division in the Johannesburg Water utility. He was seconded to the utility management team through his parent company to participate in a dual role of management contractor to the utility. The management contractor (JOWAM) comprised a team of 12 water industry managers and experts from various international Suez operating companies who were deployed in to the utility. The management contractor was responsible for establishing the water utility for the City of Johannesburg (3 million population) and for providing a management service to the new utility. The management contractor developed business plans for the utility with the support of Suez

group expertise & was responsible for implementation of these plans. This contract involved a major change management process to transform the water & wastewater departments of 14 local authorities into a corporatized water utility. Mark's role in the team with one other Suez expatriate was to structure and then manage the operations for the new water utility. The operations included the water distribution & sewage collection networks & bulk wastewater treatment facilities (drinking water treatment was provided by another utility).

1999-2001	Water & Sanitation Services Pty Ltd Johannesburg SOUTH AFRICA	**Technical Operations Manager** Water & Sanitation Services South Africa (WSSA) Pty Ltd (a Suez owned company) Technical management role responsible for providing technical, operational & management system support to the company's operations and project teams.
1996-1999	City Engineers Department, Water & Gas Department Johannesburg SOUTH AFRICA	**Engineering Manager** Technical management role responsible for a team of engineers, supervisors & field teams providing support to the local authority water supply operations. Activities managed included: non revenue water programs including metering & leak detection teams, engineering review on township development applications, supervision of capital works contractors, inspection service on new developments.
1993-1996	City Engineers Department, Water & Gas Department Johannesburg SOUTH AFRICA	**Chief Contract Engineer** Technical management role responsible for delivery of the Water & Gas Department's annual capital program. Manager of a team comprising 3 Contract Administration Engineers, 1 Procurement Engineer & 10 Works Inspectors who were responsible for the supervision of construction contracts. Contracted works included: meter replacements, pipeline renewal & replacement, new pipeline construction, construction of new & rehabilitation works to reservoirs and water tower structures, construction of new & rehabilitation works to water pumping stations, installation of impressed current cathodic protection systems, contracted leak detection services.
1992-1993	City Engineers Department, Water & Gas Department Johannesburg SOUTH AFRICA	**Contract Engineer** Engineer responsible for the supervision of construction contractors. Projects involved construction of large diameter bulk water transfer pipeline to serve a new township & connnections to a storage reservoir , construction of a booster pumping station.
1990-1992	City Engineers Department, Water & Gas Department Johannesburg SOUTH AFRICA	**Design Engineer** Projects & assignments included: structural steel & reinforced concrete design, design of hydraulic structures, design of township services, design of roads, geotechnical design, site surveying, engineering investigations.

Qualifications

1993	University of Witwatersrand JoHannesburg SOUTH AFRICA	**Certificate in Business & Management** Graduate School of Business
1988	University of Witwatersrand JoHannesburg SOUTH AFRICA	**Bachelor of Science in Civil Engineering (with Honours)** Faculty of Engineering

Languages

English	Fluent

Curriculum Vitae

Name

Rami Al Nashi

Qualifications

Bachelor of Electrical Engineering, University of New South Wales.

Position

Instrument and Control Lead Engineer & PLC/SCADA Commissioning Engineer

Noosa Sewage Treatment Plant

Role & duration: Automation & Control Coordinator, April 2013 to Present

Project description: One of Australia's most technically advanced and environmentally sensitive treatment plants – Noosa STP is a leading edge plant, using environmentally advanced methods of treatment, chemical free and benchmarked at world's best. The plant currently treats waste water from approximately 60,000 residents. The key feature of this plant is the very high quality of treated water produced, satisfying Noosa Council's and the community's environmentally sensitive requirements. These requirements are among the highest standards in the world. Since its commissioning in November 1997 it has been successfully operated by Degrémont under a 25 years' DBO contract.

Relevance: The Noosa STP, located in South East Queensland, included the design, construction and operation of a sewage pump station, a wastewater treatment plant servicing up to 60,000 EP with DEHP license requirements (TSS < 5 mg/L, BOD < 5 mg/L, TN < 5 mg/L and TP < 1 mg/L, all as annual 50%ile) equivalent and/or better than those required for the Rubyanna WWTP Project. This project demonstrates Degrémont's ongoing ability and experience in competently operating and maintaining a similar plant and process as the proposed Rubyanna WWTP. Rami gained a comprehensive range of experiences learning about the different wastewater treatment processes and how control systems should be programmed to optimise these processes.

Responsibilities: Rami has been providing ongoing support on the Noosa STP in regards to automation issues since early 2013. He has been working closely with the operating team to upgrade new SCADA systems for the sludge and UV treatment systems. For these upgrades Rami's tasks included: cost analysis, vendor enquiries and liaison, preparation of design reports, technical specifications, procurement and tender documents, staging of the installation to maintain the performance of the plant, and testing and commissioning support. Rami also designed and executed a new paging system and a secure remote access system to enable the operators to control the plant using a tablet around the plant.

Client Referee

Michael O'Connell, Plant Manager	T 0417 677 232
Degremont	michael.oconnell@degremont.com

Victorian Desalination Plant

Role & duration: Design and Development Engineer, September 2010 to October 2011

Project description: The Victorian Desalination Project is PPP Project that includes the design, construction, financing, operations and maintenance (27 years) of a 450,000 m3/day R.O desalination plant and related infrastructure including tunnels/ sea intakes and outfalls. Commissioned in December 2012, the Victorian Desalination Project features an advanced environmentally sustainable design and includes a two-pass reverse osmosis desalination process plant, marine structures and tunnels, 84km underground water transfer pipeline, 87km underground power supply and 225ha ecological reserve. This $A3.5 billion project is a public-private partnership that has delivered the biggest desalination plant in Australia and one of the biggest reverse osmosis plants in the world. It sets new global benchmarks in both engineering excellence and ecological integration of a water treatment facility, delivering substantial innovation in energy efficiency and best-practices in ecological integration.

Relevance: The project included the delivery of complex water infrastructures under a DBO-type arrangement (PPP). Such facility required special and strict specifications for the design and construction of its SCADA and control systems. Experience with such specifications empowers Rami to design redundant systems that can reliably operate with minimum to almost no down time. Rami will apply this experience in all the Rubyanna WWTP Project phases.

Role on the project: Rami worked on this project for two years starting in 2011. He coordinated and technically managed the implementation of the Power Electrical SCADA System. He defined and wrote the user requirement specifications for a SCADA control system containing more than 300 Intelligent Electronic Devices. He configured and drew the Electrical SCADA networks. Rami also designed the specifications for sub-systems including Load Shedding and Black Start Generators. Rami played a big role in the coordination between the client and the vendors. He also organised and executed the system Factory Acceptance Testing.

Client Referee

Robert Green, Consultant	T 0419 615 688
Enerdyne	robert@enerdyne.com.au

Prospect Water Filtration Plant

Role & duration: Automation Support Engineer, June 2007 to April 2013. Automation & Control Coordinator, June 2007 April 2013 Present

Project description: The Prospect Water Filtration Plant is recognised as one of the world's largest water filtration plants, with a capacity to provide drinking water to 80 per cent of Sydney's population – 3.5 million people. Located at Prospect Reservoir some 15 kilometres West of Sydney's CBD, the Prospect Plant operates 24 hours a day and uses innovative water filtration techniques to purify the water. Build under a 25-year build, own, operate and transfer (BOOT) contract, the plant is operated by Degrémont Australia. It can currently filter up to three billion litres of water a day.

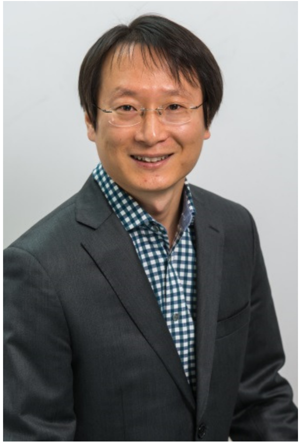
In addition in its every day operation of the plant, Degremont keeps on improving and optimising the installations to maintain an excellent operating reliability track record. The associated return on experience is extensively used to fuel Degremont's new design projects in Australia and worldwide. As part of the plant maintenance plan, upgrades to the SCADA and control hardware are planned through the span of the operational contract.

Relevance: The scale of this site gave Rami the experience needed to know exactly what the future O&M needs are in terms of the control systems. He can foresee design improvements to advance the durability of the control systems very similar to those planned to be implemented at the Rubyanna WWTP.

Role on the project: Rami has worked on this site since 2007. He was involved and directly coordinated many of the upgrade projects on site. Rami was involved in scoping, planning, executions and commissioning of upgrading 22 PLC's from Schneider TSX7 to Schneider Premium. Rami was also involved in systemising and commissioning of a SCADA upgrade from Ariel TopKapi 3 to TopKapi 5. The project involved preparation for all infrastructure including hardware, software and all networking equipment for the upgrade to be performed on an operating plant. Other projects also included PLC firmware upgrades, designing and commissioning a new site network restructure to a ring configuration.

Client Referee

Kim Falster, Plant Manager	T 0428 844 601
Degremont	Kim.Falster@degremont.com



Patrick Kang

MF/UF TECHNICAL EXPERT

As an experienced Process Engineer with expertise in both industrial and municipal water treatment, Patrick brings a wealth of technical knowledge to the project.

He has experience working on multiple Water Reclamation Plants through his role as Process Engineer at Siemens Water Technologies. In addition he is skilled in designing, commissioning and troubleshooting membrane filtration equipment including submerged, pressurised and membrane bioreactor systems. Patrick also has diverse knowledge of water treatment technologies acquired through work on numerous municipal and industrial water projects.

Patrick has great work ethic has developed strong and open working relationships within a team environment and has the skills, technological know-how and experience to make him a valuable member of the KIWS O&M support team in the role of MF/UF Technical Expert.

QUALIFICATIONS

- ME – Chemical Engineering, UNSW
- BE – Environmental Engineering, Ajou University (Republic of Korea)

RELEVANT EXPERIENCE

2014 – Current: SUEZ

Proposal Engineer

Patrick is responsible for providing technical input for municipal and industrial submissions. He also has to provide direct contribution to developing Proposals for the Australia and New Zealand market.

- Provide support to process, design, engineering, scheduling and other activities
- Co-ordinate with internal and external correspondents if and when required
- Provide assistance in the Design Build activity
- With assistance from local civil, mechanical and engineering partners, assist in the establishment and delivery of all pricing of equipment and services for projects
- Assist in the preparation of the technical and commercial proposals in conjunction with the technical team and the Proposals Manager
- Assist with the preparation of draft costing if and when required
- Assist with the organization and liaison with external contractors and partners.

Project Title A – Thales Mulwala Water Filtration System

Client: Thales Australia   Position: Commissioning Manager

Dates: 2014 – 2015

In January 2013, SUEZ signed a contract with Thales Australia to design and construct the Thales Mulwala Water Filtration System to reduce discharge wastewater suspended solids levels below the allowable limits. The plant is capable of treating up to 1 MLD wastewater and includes a pressurised membrane filtration unit called SmartRack™, which is a pre-engineered low pressure membrane filtration system developed by Suez. It utilises Out/In membrane technologies and can accommodate different membrane modules from different suppliers including Dow, Toray, Pall-Asahi, and GE-Zenon.

Project Title B – Adelaide River WTP

Client: Power and Water Corporation (NT)   Position: Proposal Engineer

Dates: 2014 – 2015

In August 2014, SUEZ signed a contract with Power and Water Corporation (PWC) in Northern Territory to design and construct the Adelaide River Water Treatment Plant (WTP) Upgrade for the production of drinking water. The upgrade includes the introduction of an Australia first biological filtration system to provide the removal of iron and manganese naturally present in the groundwater supply and to ensure a more secure and reliable drinking water supply. The innovative solution proven on numerous references worldwide can deliver a more reliable, sustainable and cost effective method of treating the bore water in Adelaide River.

2005 – 2013: Siemens Water Technologies

Process Engineer

In Patrick's role as a Process Engineer with Siemens Water Technology he was involved in a number of different projects. His main duties included:

- Design, commission and troubleshoot membrane filtration equipment – submerged, pressurised and membrane bioreactor system. Some of these projects and duties included:
    - Glenelg Recycled Water Treatment Plant (34.6 ML/day) – pressurised system, Glenelg, S.A., Australia – which was the main part of Glenelg to Adelaide Parklands Recycled Project (the landmark project for Adelaide and one of largest infrastructure projects for South Australia).
    - Aldinga Recycled Water Treatment Plant (9.1 ML/day) – pressurised system, Aldinga, S.A., Australia – which was the main part of Aldinga Southern Urban Reuse Project (dual reticulation supply to about 8,000 new homes in Adelaide's southern suburbs).
    - Bootawa Dam Water Treatment Plant (60 ML/day) – submerged system, Bootawa Dam, N.S.W, Australia – which won the NSW Water Taste Test competition in 2013.
    - Many Australian mines' wastewater, recycling water and desalination plants including Queensland CSG (Coal Seam Gas) sites and Gorgon LNG sites.
    - Daesan Water Treatment Plant (125 ML/day) – pressurised system, Deasan, Chungcheongnam-do, Republic of Korea – which was the first customised industrial water supply project in Republic of Korea.
    - Songdo Wastewater Reclamation Water Treatment Plant (32.4 ML/Day) – membrane bioreactor system, Incheon, Republic of Korea – which was the first Siemens' membrane bioreactor system in Republic of Korea.
- Prepare and ensure all documentation including process design, drawings, instrument, control and commissioning documents against project requirement.
- Develop innovative engineering products such as the packaged pressurised membrane filtration system
- Manage all types of membrane filtration trial units from design to site commissioning.

Ross Chadwick

HSEQ MANAGER

Qualifications

- B.Sc. (Hon) Chemistry & Geography, University of Wollongong 1995
- Assoc. Dip. Metallurgy, Wollongong TAFE 1988
- Cert IV Training & Assessment 2013
- Cert IV Water Operations 2012
- Cert III Water Operations 2010

Summary

Ross has a strong HSEQ, O&M, D&C and technical background developed from almost 20 years' experience in the water treatment industry.
Roles and responsibilities have enabled me to be proficient in all areas of plant operations including: water quality chemistry and analytical techniques; instrumentation and process control; assessing process and equipment performance; maintenance; safety, environmental and quality management systems; and contractual compliance. Strengths include:

- Result driven; persistent in achieving goals;
- Proven dedication and ability to identify and act on deficiencies/problems utilising a risk management approach;
- Demonstrated initiative, drive and technical ability to drive continuous improvement and in doing so, produce significant cost savings, process & cultural change;
- Demonstrated ability to organise, plan and manage projects and tasks;
- Superior writing skills, demonstrated in tender submissions, procedures and reports;
- Ability to develop and maintain strong and effective working relationships with team members, clients, contractors, and all levels of management.

SIGNIFICANT EXPERIENCE

Project	**Suez Water & Treatment Solutions**	**Position**	**Construction Design HSEQ Manager**
Year	**2014-present**		
Overview			

Current role reports to CEO with responsibility for leading the implementation of the HSEQ strategic objectives and associated action plans, including executive, D&C and O&M review of HSEQ performance.

- Practical hands on approach and experience working with operational teams, including the coaching of personnel in health and safety to ensure compliance with company safety policies, procedures and strategic objectives.
- Management of legislative changes across the Australian operations to ensure continued compliance of the Integrated Management System
- Developing and managing internal and external audit schedules across multi-site locations to ensure continued compliance with company policies, procedures and the standards, ISO9001, ISO14001, AS/NZS4801 and OHSAS18001.
- Company representative on all external audits, including certification audits, client audits and due

diligence audits

Project	**Prospect Water Filtration Plant**	**Position**	**Systems Engineer**
Year	**2010-2014**		
Overview			

Responsibilities included management, implementation and continual improvement of the plant's HSEQ and electronic management systems; including compliance and maintenance of certifications.

- Leading role in HSEQ elements including:
  - Auditing – scheduling; emergency simulations, including debriefs; identifying corrective actions/improvements;
  - Documentation, including the development and review of reports, plans, procedures & registers (both plant based and corporate);
  - Incident investigation (Prospect WFP and other sites);
  - Identifying and formalising training requirements utilising a risk management approach; development of competency-based training; delivering training in plant procedures and plans.

Project	**Sydney Desalinisation Plant**	**Position**	**Senior Technician**
Year	**2009-2010**		
Overview			

Ross held responsibility of the plant and process outside of business hours including:

- Ensuring operational functionality/performance of process/systems, water quality compliance; the management of the day to day tasks of technicians; monitoring scheduled tasks/inspections, maintenance activities and acting on identified issues; conducting pre-start meetings
- Troubleshooting and ameliorating process and equipment problems during commissioning and after hand-over of the plant, particularly those impacting on water quality;
- Active involvement in identifying manpower needs and scheduling technician duties; improving laboratory efficiency; improving SCADA;

Project	**MacArthur Water Filtration Plant**	**Position**	**Process Controller**
Year	**1997-2009**		
Overview			

Ross was a member of the team responsible for the operation of the plant, including:

- Maintaining and improving HSEQ management systems via involvement in audits and corrective action processes; identifying and acting on deficiencies; developing procedures
- Produced significant chemical dosing cost savings by monitoring doses, water quality parameters and costs against budget and delivering process improvements;
- Active participant in maintenance and asset management, including planning and project managing major works, business cases for refurbishments and involvement in preparing asset management plans;
- Developed power use monitoring to improve performance; preparation of energy balance report (for DEUS); proposal and report on potential power saving from tariff-shifting of plant pumping

Zoubir AIT MANSOUR
Age 36, married

ASSET MANAGER

SUEZ Australia - Water
zoubir.ait.mansour@degremont.com
Mob: +61 4 0707 8220

Education

- Water Engineering Master's Degree. University of Nice Sophia Antipolis. 2010.
- Industrial Engineering Master's Degree. Centrale Paris. 2002.
- Mechanical Engineering Master's Degree. St Etienne National School of Engineers. 2002.

Work Experience (13 years)

- **Since Apr'15** – SUEZ - Sydney (Au)

Asset Manager for Suez Australia Water Business. Coordination and support of asset management across Australia and New Zealand. Improvement roadmaps definition & monitoring, ISO5500 certification projects, asset management system development. Support to SA Water for the definition of a strategy/methodology to optimize their assets maintenance across the state within 12 months (70,000 M&E equipment). Project planning and QA controls.

- **3 years +** (2011-2015) - DEGREMONT (Water Treatment business) - Paris (Fr)

Asset Management Engineer, supporting Degrémont O&M contracts worldwide regarding asset management issue: **development of preventative maintenance plans**, criticality analyses, risk based PM optimization, asset condition assessment, ISO55000 certification projects, CMMS, maintenance maturity assessment and improvement action plans, renewal plans, availability studies… International technical assistance in Australia, NZ, USA, France, Italy, Indonesia, China, Qatar, Jordan, Saoudi Arabia etc…

- **6 years** (2005-2011)- ENDEL SUEZ (Industrial Maintenance French Leader) - Colmar (Fr)

Maintenance and capital works business manager. Management of maintenance and capital works contracts in metallurgy (Alcan - Rio Tinto), paper industry (UPM, NSG...), hydro power plants (EDF), automotive (PSA), mechanical industry (Timken...), etc…

- **3 years** – (2002-2005) ENDEL - Nantes (Fr)

Maintenance Engineer. Management of an electro-mechanical maintenance contract for ARCELOR Basse-Indre. Maintenance methods implementation (CMMS, preventive maintenance plans development, maintenance instructions, criticality analysis, failure statistics analysis, costs analysis, reporting, 5S...)

- 6 months (2000) - IUP USINOR – Firminy (Fr)

Project for the implementation of Maximo CMMS

Languages

- English
- French
- Spanish

Software

- Office (Excel, Word, Power Point, Access)
- Asset Management - Maintenance (Infor EAM)
- Projects (MS Project)
- CAD (Autocad)
- Programming (VBA)

Miscellaneous

- Suez innovation trophies award for a new criticality assessment methodology. Marsh 2015.
- Publications: poster at IWA Yokohama in Nov 2015: "$iFMECA". Paper in Water Utility Management International in June 2015: "Optimising the asset management of water treatment plants".

Peter Segura

O&M PLANT MANAGER

Qualifications

- Certificate III in Waste Water Treatment Processes Deakin University
- Certificate in Chemistry, TAFE NSW – Wollongong Campus
- Apprentice Fitter and Machinist (1978)

Summary
Peter is a dynamic and innovative Operations Manager with a wealth of experience spanning in excess of 20 years in operational efficiencies and business operations, in both municipal and industrial sectors. During his career Peter has gained numerous achievements in operational productivity and customer satisfaction initiatives. In addition to being results-oriented and energetic Peter is committed to building strong productive alliances within and outside an organisation, he has a proven talent for developing new contacts, communicating with influence and achieving excellence in performance.

SIGNIFICANT EXPERIENCE

Project	**Cronulla WWTP**	**Position**	**Plant Manager**
Year	**1999-2002**	**Value**	**$90m**
Overview			

SUEZ (operating as 'Australian Water Services' at the time) was part of the $90 million design, build and operate contract with Lend Lease to upgrade, on behalf of Sydney Water, the treatment process at the environmentally-sensitive wastewater plant. The project involved amplifying and upgrading the treatment process from primary treatment to tertiary treatment to better serve the community. SUEZ took over operations of the plant one year before commissioning, for a 3-year period, then, in April 2003, handed management of the plant to Sydney Water, with 100% compliance on all contractual obligations including process performance, operating cost verification and training of the future operations team.

Project	**OneSteel - Electric Arc Furnace Dust Treatment Plant**	**Position**	**Project Manager**
Year	**2002-2007**	**Value**	**HydroMet Corporation Limited**
Overview			

Peter was responsible for the management of this plant which was established and operated by HydroMet Corporation Limited at HydroMet's site in Wollongong. HydroMet entered into a contract with steel producers to process zinc, lead and iron bearing arc furnace dust generated from their respective mini mills at a rate of 14,000 t/year. The Unanderra operation successfully processed zinc and lead bearing residues generated OneSteel Ltd, Comsteel and Smorgon Steel to produce value-added zinc sulphate which was sold into the agricultural market and the resultant residues were treated to make them safe for disposal to landfill. As part of the operation of this plant, an effluent treatment plant was installed and operated to treat the waste water from the process for final recycling within the process and/or disposal to sewer.

Project	Used Lead Acid Battery Recycling Plant	Position	Project & Site Manager
Year	2005-2007	Value	HydroMet Corporation Limited
Overview			

The project was to design, procure, construct, commission and operate a 36,000mt per annum used lead acid battery recycling plant. The plant was designed to crush and recover the 2 lead components and 2 plastic components, which make up the battery, for refinement by external customers and the processing of the waste sulphuric acid to produce an acid suitable for use in the onsite zinc residue leaching plant.

Key achievements:

- Achieved nameplate capacity within 12 months of commissioning
- Achieved in excess of 90% recovery of the battery components
- Delivered P&L expectations and at times exceeded budget goals
- Installed and commissioned small waste water treatment plant to process excess acid and acidic waste effluents generated from the processing plant, with the majority of the treated effluent being recycled through the onsite plants

Project	HydroMet Corporation Limited	Position	Project Manager – Technical & Operations
Year	1994-2012	Value	N/A
Overview			

As Project Manager – Technical & Operations Peter was responsible for setting the strategic direction in the design, installation, commissioning and completion of projects, including the two below, along with:

- Operational Challenge — Provided operational input to Process Engineers. Ensured all project deliverables were met, simultaneously monitoring and achieving KPIs and delivering high service levels to customers. Monitored emerging problems and ensured effective support functions were in place.
- Managerial & Teamwork Challenge — Trained, mentored and developed staff, leading by example and earning trust based on technical knowledge, hands-on operations background, and a reputation for actively following up on issues.
- Reporting — Compiled regular incident and performance related reports relating to the Plant Activities. Provided effective presentations for Senior Managers, Directors, and key corporate stakeholders.

Project	Southern Metropolitan Regional Council	Position	Executive Manager RRRC Operations
Year		Value	N/A
Overview			

While fulfilling this senior management council position Peter was responsible for managing and coordinating the functions of the $100m Resource Recovery Centre (RRRC) operational personnel, plant and equipment with the key objective being to ensure all operations at the RRRC are carried out in accordance with council policies and procedures, contracts, statutory and regulatory requirements. Peter’s key achievements included:

- Commissioning of newly installed odour control and management systems in compliance with EPA Operating License
- Retain site ISO 14001 Environmental Management System accreditation
- Achieve AS48001 Safety Management System accreditation
- Achieve nameplate capacity of Materials Recovery Facility (25mt/hr or 90,000mt/y)

Véronique BONNELYE

Born on May 25th, 1967

French

relevant skills

Membranes processes & technologies
Clarification
Absorbtion on activated carbon
Disinfection and advance oxidation
Remineralisation – Stabilition and pH control
Algae and nitrate removal
Process control, implementation

25 years of experience

Process Expert in Desalination and Water

curriculum vitae

work experience

Since June 2014	SUEZ Degrémont Sydney, Australia	**Process Expert – Technical Support Manager** Technical support to Degrémont Australia and New Zealand teams (proposal, engineering, construction, commissioning, operation and maintenance).
2004-2009	SUEZ Degrémont Melbourne, Australia	**Process Manager (Operation), Watersure, Victorian Desalination Project, Melbourne** Training, O&M documentation development (plan, SOPs, reporting), Plant Process Management. The main activity was related to the O&M phase preparation, Building the systems and writing plan and procure. During the operation phase, the main tasks were related to water quality monitoring and compliance, and to define and schedule the different activities of the ram related to the plant operation. **Process Engineer (D&C, TDJV, Victorian Desalination Project, Melbourne)** Design, detailed design review. Development of the control system/water quality monitoring Process management during commissioning and performance tests.
2008-2009	SUEZ Degrémont Rueil Malmaison (H.O.) France	**Expert in Desalination and Fresh Water**
2006-2008	SUEZ Degrémont Rueil Malmaison (H.O.) France	**Head of Desalination Process Expertise Group** Design validation *and* Technical Assistance for Proposal, Engineering, Commissioning and Operation Department Worldwide. Training.
2005-2006	SUEZ Degrémont Rueil Malmaison (H.O.) France	**Senior Process Engineer, Drinking Water Expertise Group** Design Review *and* Technical Assistance for Proposal, Engineering, Commissioning and Operation Department Worldwide: • Al Dur (Bahrain) Seawater Desalination Plant – 218 MLD • Perth (Australia) Seawater Desalination Plant – 143 MLD

curriculum vitae

- Barcelona Seawater Desalination Plant – 200 MLD
- Barka (Oman) Desalination Plant – 120 MLD
- Wadi Main (Jordan) Desalination Plant – 128 MLD
- Chengdu (China) Petrochemical wastewater reclamation plant – 67 MLD
- REVAP and REPLAN Wastewater reclamation plants

Main activities include design validation, technical assistance to commissioning & operation, and training.

1999-2004	SUEZ Degrémont Technology & Research Centre (CERDEG) France	**Head of the Research & Development Group on membranes applications in drinking water, waste water, desalination and reuse** Process optimization and standard product development.
1991-1998	SUEZ Degrémont Technology & Research Centre (CIRSEE) France	**Research Engineer, Degrémont R&D department** In charge of conventional processes developments. In charge of research studies in clarification, disinfection, use of ozone and activated carbon for drinking water. Specialized in algae removal and biological nitrate removal.

qualifications

2015	ENSIL Limoges Engineering School	**Engineering Degree in Water and Environment**
1991	University of Limoges, France	**Master Degree (Maîtrise de science et technique) and DESS in water treatment,**
1988	ENITIAA France	**Master in Biotechnologies applied to food industry**

Training courses

2006-2009	Degrémont Thiess Services	Desalination
2006-2008	OIE	Membranes in drinking water production
2006	OIE	Algae removal drinking water production
2006	ENTPE Lyon	Drinking water treatment lines
2005-2008	ENGEES Strasbourg	Design of drinking water treatment plant

languages

French	Mother tongue
English	Fluent

Member of national & international scientific organizations

- Association Scientifique et Technique pour l'Eau et l'Environnement (ASTEE), 1994,
- L'Association Scientifique Européenne pour l'Eau et la Santé (A.S.E.E.S.), 1994,
- International Association of Theoretical and Applied Limnology, 1995,
- International Water Association (IWA), 2001,
- International Desalination Association (IDA) 2004,
- European Desalination Society (EDS), 2004,
- Australian Water Association (AWA), 2013.

More than 50 publications covering the main drinking water processes (see Annex 1)

Annex 1 - PUBLICATIONS by V. Bonnélye

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Resume

Personal Details

Name: David Colley

Address: 25 Buttermere Drive
Lakelands NSW 2282

Telephone: 4956 6176
0400314577
E-Mail: dk.colley@optusnet.com.au

Drivers Licence: Class 1A

General Interests: Golf, Fishing and Family

Career Summary

Trade qualified Maintenance Fitter with over 18 years experience in a heavy process based environment with Pasminco Cockle Creek Smelter. Experienced in the daily planning, scheduling, and coordination of maintenance tasks, with accountability for the supervision of external contractors, oversee repairs of equipment with off site repairers, ensuring maintenance and safety requirements are met in a timely and cost effective manner. Also experienced in servicing, operating and maintaining water treatment plants from single units such as filters, CMF-S, reverse osmosis plants to complete water treatment plants.
Currently responsible for managing and running O&M contract for Delta Electricity's WRP.

Career History

2014 to Current **Suez- Water & Treatment Solutions Australia**

Industrial Plant Coordinator
Reports to: Mark Lautre- General Manager Operations – NSW, VIC, QLD & NZ

Major Responsibility

- Communicate with site contacts and schedule services to suit.
- Operate plant onsite via SCADA and also dial in remotely to check/accept alarms and make any relevant changes required.
- Download data from operating plant and diagnose.
- Perform ongoing sampling/testing.
- Manage operational budget including monthly invoicing for O&M contract.
- Plan and execute maintenance work including external resources.
- Compile and issue 4 monthly reports for contract.

2006 to 2014 Veolia Water- Solutions & Technologies

Service Engineer
Reports to: Service Manager

Major Responsibilities

- Communicate with site contacts and schedule services to suit.
- Operate plant onsite via SCADA and also dial in remotely to check/accept alarms and make any relevant changes required.
- Download data from operating plant and diagnose.
- Perform ongoing sampling/testing.
- Data entry on SMART system.
- Compile/update SWMS & SOP

2003 to 2006 Pasminco Cockle Creek Smelter (PCCS Services)

Site Contract Coordinator/ Fitter
Reports to: Site Manager

Major Responsibilities

- Daily inspections on Effluent Treatment Plant and Lead Slag Jig.
- Condition monitoring on major parts of these plants.
- Data entry on the SAP system.
- Continual improvements on plant equipment.
- Arrange and organise weekly plan.
- Maintain and improve on a spare parts register for plant equipment.
- Involvement in daily PASS (positive attitude safety system) meetings.
- Daily communication with the process team.
- Out source labour for larger on site jobs.
- Organise over hauls to plant equipment with off site repairers.

1988 to 2003 Pasminco Cockle Creek Smelter

Sinter/Acid Plant Maintenance Fitter
Reports to: Sinter/Acid Plant Supervisor

Major Responsibilities

- Daily inspections on plant equipment.
- Condition monitoring on major parts of the plant.
- Data entry on the SAP system.
- Continual improvements on plant equipment.
- Arrange and organise weekly plan and shutdown jobs with area planner.
- Maintain and improve on a spare parts register for plant equipment.
- Involvement in daily PASS (positive attitude safety system) meetings.
- Daily communication with the process team.
- Day to day general maintenance on plant assets including pumps, fans, screws, conveyors, gearboxes and overhead cranes.
- Sourcing materials for overhaul of plant equipment.
- Pursue proactive safety improvements through personal involvement in safety audits, safety observations and hazardous incident reports.

1988 to 1992
Apprentice Fitter Machinist **Various Pasminco Site Locations**

Major Responsibilities

- Trained in all aspects of machining such as metal lathes, milling machines, vertical borer and radial arm drill.
- Trained in all aspects of fitting such as overhauls of gearboxes, pumps, screws and fans.
- Continual awareness of site hazards such as molten metal, toxic gases, and acidic liquids.
- Involvement in safety inspections of workshops and and plant areas.

Demonstrated Abilities

Communication Abilities

- Actively seek to communicate with Customer site reps. for the benefit and productivity of the plant
- Ability to work well unsupervised
- Regularly required to communicate and co-ordinate external contractors for scheduled plant shutdowns.

Organisational / Leadership Abilities

- As an active member of the Closure Steering Committee for the plant I have been involved in maintaining the motivation of employees.
- I have acted as Relief Supervisor on several occasions. This involves overseeing a team of 15 employees across a range of trades, whilst maintaining the productivity and safety of the plant.
- Have a demonstrated ability to be flexible by making myself available to be on-call for plant breakdowns as required.
- Have readily made myself available to work staggered shifts to suit the requirements of the plant maintenance schedules
- Adhering to principles of Occupational Health and Safety in the workplace by maintaining a high level of safety awareness
- Organise and hold quarterly plant performance meetings with customer reps.

Personal Qualities

- Reliable
- Flexible
- Capable of working unsupervised
- Ability to solve problems and use my own initiative
- Ability to work as part of a team but also lead and motivate that team
- Awareness of WHS issues
- Capable of meeting deadlines
- Conscientious and hard-working

Fitting and Machining Trade Certificate
Completed 4th of January 1992

Stage 1 Hydraulics
Completed July 1991

Stage 1 Electric Arc Welding
Completed December 1991

Electrical Restricted Disconnect/Reconnect Licence
Completed December 2008

Safety Checking Electrical Appliances (Test & Tag)
Completed December 2007

Fork Lift Truck License

Cabin Control Crane License

Elevated Work Platform Ticket

OH&S Team Member Certificate

Team Leader-Improvement Team

OH&S Construction Certificate (green card)

Mobile Crane License

Front End Loader License

Mr Alec Liddell- Chemical Plant Specialist
Delta Electricity
Phone: 0243526136
Mobile: 0407683830

Mr Matthew Gullick- Senior Service Technician
Hydramet Australia
Mobile: 0459902555

Curriculum Vitae

Name

Mr Renato Cocchietto

Associate Member Institute of Credit Management

Understanding Company Reports

Jan 2005 - Present SUEZ Australia

National Credit Manager

Duties & responsibilities

- Manage a team of 21 staff members, handling 56,000 Clients.
- Liaise with Human Resources in recruiting & training for Credit Team
- Oversee the whole credit function - collections, banking & allocations etc
- Collections of $1260 million per annum (105million/month)
- Handle all escalated calls and resolve all issues
- Provide reporting - weekly/monthly to the board of directors
- Rewrite credit policies and procedure & implement new procedures
- Legal Aspects of Debt Collection, Skip Tracing, review all files before going legal
- Maintain professional procedures in line within company policies and objectives. Conduct regular revenue audit to ensure company procedures are adhered to
- Liaise with state general managers in relation to credit issues
- Part of the current acquisition integration team for all new acquisitions
- Cash Flow, do quarterly forecasts as requested by CFO
- Part of the team that worked on the implementation of a new ERP system (SAP)

Achievements:

- Policies implemented and adopted, achieved record results in 12mths in 43 days DSO levels nationally with under 5% overdues 90 days plus
- Implemented Emailing of invoicing.
- Developed and implemented a staff incentive program.
- Revised Credit Policies and Procedures
- Successfully integrated a large acquisition.
- Centralised and Successfully reduced FTE for Accounts Receivables
- Developed an online account and payment system for our clients.

APPENDIX 6.2.1

Degremont Pty Ltd Organisational Diagram

KIWS – Contract & Asset Ownership Structure

(Refer to Appendix 6.1.1)

APPENDIX 6.2.3

Kooragang Industrial Water Scheme – Key Personnel

(Refer to Appendix 6.1.3 of this application)