

Kelvin Gordon

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Australia
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SUMMARY

A competent professional Aquaculturist with over 25 years' experience in fish and prawn farming, breeding and live fish transportation. Recognised for strong adherence to safety with an ability to analyse problems, evaluate and implement improvements effectively.

Recently completed three years of Whiting Research at Coral Coast Mariculture. Also, have a proven record of hatchery production results with prawn species, blue swimmer crabs, barramundi and most recently the large scale commercial production of Whiting Species.

I have also been diligent in enhancing equipment reliability and reducing equipment breakdown both with pond aerators and heavy and light duty vehicles. I am enthusiastic and keen to pursue an opportunity that provides a new career challenge while utilising my skills to help achieve company targets.

KEY STRENGTHS

- Excellent Live Fish Transport Skills
- Manager of RAS Aquaculture Park Gold Coast (Cummins Corp)
- Several years' experience in Live Feed Culture
- Hatchery Biologist for Coral Coast Mariculture
- Experienced Fish Breeding Skills
- Experienced Fish Disease Protocols
- Project Management of Farm Construction and Operations
- Aquatic Farming Process Improvements Consultant
- Excellent Computer Skills
- Trade Qualified Electrical Fitter Mechanic (Qld NSW)

QUALIFICATIONS

2000 - 2004 Masters Degree in Aquaculture Deakin University

1985 - 1987 Diploma in Applied Science Aquaculture UTAS

1973 - 1977 NSW Electrical Qualified Supervisors Certificate, Licence No 64090S
QLD Electrical Work Licence No 98425

1969 - 1972

High School Certificate
Newcastle Technical High School

CAREER HISTORY

June 2004 – Present **Operate Aquafarmer Australia as an online aquaculture web business.**

Sept 2008 – Feb 2014 **Coral Coast Mariculture Qld**
- **Contracted Hatchery Biologist/Hatchery Manager**
- **Fish Culture Research**
- **Coral Trout & Whiting**

- Collect Broodstock of Oysters (SRO), Barramundi, Sand Crabs, Whiting, Silver Perch, and Australian Bass. Maintain these species in quality condition for sequential breeding programs.
- Maintain live cultures of algae and rotifers for larval rearing.
- Maintain and operate the hatchery running species through their individual spawning programs and insuring sufficient feed, water space and on-site infrastructure.
- Establish each individual hatchery program and schedule broodstock and breeding requirements.
- Culture fish species as required, relative to their natural breeding cycle.
- Analyse failure while utilising processes that include DFA (daily failure analysis), PPS (practical problem solving) and DMAIC (define, measure, analyse, implement, and control).
- Utilise protocols and work order audits to interact with co-workers and ensure company policies and procedures are complied with.
- Conducting risk assessments and JSEA's for project work and maintenance activities.
- Audit and update PM's (preventative maintenance plans) ensuring the inspection details are up to date and aligned with productions operational requirements.
- Liaise with the owner to ensure work orders are prioritised and completed during specified time frames.
- Oversee commissioning of new and refurbished equipment to ensure it meets and operates within OEM specifications.
- Develop scopes of work for electrical equipment installations, repairs and overhauls.
- Working on a range of instrumentation equipment including electrical analysis and test, flow, pressure, temperature and assorted water chemistry analysis.

June 2007 – Sept 2008 **Owner Builder**

Building of farm house on bush block near Agnes Water Qld

May 2006 – June 2007 Electrical Supervisor – J A Martin Electrical Engineering, Tomago Newcastle, NSW.

- General installation and maintenance of heavy mining equipment.
- Test and Tag of on-site equipment.
- Repair and reinstate mining electrical tools.
- High Voltage transformer changing and switching procedures.
- Provide technical support for system operations and maintenance.
- Completing electrical drawing modifications and updates.
- Conducting safety walks with the senior electrical engineer to ensure electrical work is being carried out with 100% compliance to site policies.

April 2005 – May 2006 On-site Marine Biologist – Park Manager - Head of Aquaculture, Cummins Corp Gold Coast Qld

- Assist with initial development of high density fish culture system
- Development of weights and measures program to evaluate culture growth
- Develop documentation procedures for water quality continuity and research
- Maintain research data and present spread sheet data records at weekly management meetings.
- Assist in client formal and informal updating of culture progression
- Provide a liaison pathway for C-Box owner clients, interested investors and support industries.
- Assisted with research into wireless water quality monitoring.
- Develop 22 staff positions via interviews and project work schedules for 24 hour cleaning and monitoring of CBox Systems.
- Management of 150 Cbox culture systems.
- Disease Management of infected Barramundi.
- Regular safety observations

Apr 2001 – April 2005 Electrician AJA Electrical Services, Gold Coast Qld.

- Planning, installing and commissioning electrical equipment within the domestic and commercial industry.
- Complete SWMS (Safe Work Method Statements) and isolation plan/procedures.
- On-site project management of sub-division underground electrical installation. Including domestic power supply connection points and suburban street light installations.

- Commissioning of completed subdivision and live switching at test completion.
- Calculating maximum demand, cable selection and protection system design.
- Problem solving, diagnosis and rectifying faults in low voltage switchboards and circuits.
- Testing and verification for electrical compliance.
- Procuring required electrical equipment such as lights, fans, power sockets, smoke detectors, pumps, fuses, circuit breakers, RCD's, switchboards and cable.
- Network cabling installation.
- Portable appliance and RCD testing.

Jun 2000 - Apr 2001 Marine Biologist, Walt Smith International Fiji.

- Develop existing wet lab facilities for potential aquaculture expansion.
- Improve Live Fish Transportation Methods
- Project management for sub systems involving species collection and holding.
- Assist in various projects within warehouse operations and develop methods for improving survival during transportation.
- Writing test procedures, documentation and manuals for indigenous understanding.
- Providing information and advice to superiors on appropriate procedures and handling of juvenile species including mass culture of clown species.

Dec 1987 – July 1999 Owner/Manager of Halliday's Point Fish Farm and Hatchery NSW (HPFF&H)

- Construction of the Fish Farm using heavy earthmoving equipment
- Electrical Installation of Farm requirements.
- Construction of Hatchery and commencement of mass, freshwater fish breeding. Species bred on-site included Silver perch, Golden Perch, Australian Bass, Goldfish, Catfish, and Koi Carp.
- Manage several other sites for silver perch ranching type growout.
- Publish fish farm and fish farming construction articles.
- HPFF&H routinely cultured approximately 5 tonnes of market fish annually as well as sold and exported hundreds of thousands of fingerlings and juvenile silver perch via live transport techniques.
- Implement overseas advertising and exporting services and successfully export many live juvenile and broodstock, of varying species, into China.
- Apply management and training strategies to breeding and farming practices.

Dec 1985 – Dec 1987 Owner/Manager of KG Oysters Wallis Lake

- Implement research in Newcastle to determine potential nursery culture system using artificial feed and high water flow

- Design and develop stage I of a 600,000 litre oyster nursery farm based on that research, at Wallis Lake NSW.
- Construction of facilities and tank systems, catching slates and pond feeding systems.
- Manage the initial stages of construction
- Design and construct a large scale, automated, underwater sorting machine
- Design injected moulded growout trays.
- Maintain research and make design adjustments as required.

OTHER CAREE ACHIEVEMENTS

- Written syllabise for OTEN for Certificate IV in Aquaculture, 1991.
- Lectured Warm Water Aquaculture at UTAS, 1993
- Guest Lecturer at Wuhan Fisheries Institute, China 1995.
- First person to successfully breed Barramundi in Western Australia in 2000.
- First person in Tasmania to successfully spawn abalone in 1985.
- First private hatchery in Australia to spawn Coral Trout, 2009.
- Develop new, smaller strains of rotifer species at CCM 2010
- Prove a high potential of Whiting species as an alternate crop to prawn farming in 2011.
- Double the potential output of Walt Smith's Fish Warehouse in Fiji by developing an anaesthetising program and dose rates for individual animals prior to transport.
- Successfully spawn 'native' *P monodon* in Fiji, 2000-2001.

VERSATILE SKILLS

- Rebuild machinery including electrical and fuel engines.
- Rebuild earth moving equipment, tractors, excavators and backhoes
- Fiberglass tank moulding
- Stick and Mig Welding
- Medium Ridged Truck Licence
- Master Class V Skipper's Ticket
- Open Water PADI Certificate
- Work at Heights Certified
- Work in Hazardous Locations Certified
- Backhoe and Bobcat operator. (uncertified)
- Electricians Licence Qld & NSW
- Design Vortex Aeration Systems
- Design various Aquaculture Systems
- Design Scarda remote data logging systems
- Implement various design and manufacture pathways.

HOBBIES & INTERESTS

- Chess
- Camping
- Fishing
- Water sports

- Surfing
- Travel
- Sailing

REFEREES

Name: John Whitten
Company: Civil Works Projects KJ Civil Gold Coast (AJA Electrical)
Relationship: Former Electrical Projects Supervisor
Email: john.whittenwest@hotmail.com
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Name: Andrew Pilaski
Company: Tomago Aluminium Smelter
Relationship: Senior Electrical Engineer at Tomago Aluminium. RE: Construction of Scarda Data Logging remote sensing equipment.
Mobile: +61 (0) 422 607 303

Name: Clive Keenan
Company: Coral Coast Mariculture
Relationship: Principle Owner
Email: ccm@bordnet.com.au
Mobile: +61 (0) 402 482588

Name: Brett Dodds
Company: Hunter Car Sale Newcastle
Relationship: Car Sales Manager, Long Time Business Acquaintance
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To Whom It May Concern:

Kel Gordon: Aquaculturist

Kel Gordon studied Aquaculture at UTAS in 1984 -1986 before entering the commercial aquaculture industry. His first job was to build a prawn hatchery in Northern NSW and his second job saw him design and construct an integrated freshwater RAS fish farm (which is still in operation).

He went on to build his own freshwater fish farm and become a major live fish supplier and exporter of fingerlings throughout the 1990's.

These efforts won him guest lecturing positions at UTAS and also in Wuhan, China where he lectured aspects of warm water aquaculture at the Fisheries Research Institute. During this time he also produced his first book, Aquaculture: A Privateers Perspective.

While a student at UTAS, in 1986 Kel was probably the first person in Australia to spawn abalone, and in 2000 he was again at the forefront of industry development in Western Australia, successfully spawning barramundi/sea bass at Broome TAFE College while working as an Aquaculture lecturer there, after the loss of his own fish farm in a marriage settlement.

During this time he completed his Masters Degree in only 18 months gaining HD levels with hatchery and tank design specs previously unknown.

His work encompasses not only both freshwater and saltwater broodstock management, hatchery management, nursery culture and pond growout management of fish molluscs and crustaceans but his designs on land based oyster culture and sustainable protein production are still years ahead. He supports these claims through his free website, www.aquafarmer.com.au .

Kel spends his time in and around the ocean when not doing contract hatchery breeding within Australia and consulting on aspects of valid commercial aquaculture.

Dr Clive Keenan

Managing Director

Coral Coast Mariculture Pty Ltd

ABN 14 113 675 228

Species that Kel has spawned and/or commercially cultured include;

Abalone

Coral

Barramundi

Coral Trout

sand and golden-lined Whiting

Monodon Prawns

King Prawns

Blue or Sand Crab

Sydney Rock Oysters

Pacific Oysters

Silver Perch

Golden Perch

Catfish

Koi

Goldfish

Mud Crab (hatchery only)

Phytoplankton

Zooplankton

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