



## Drone Operator/Environmental Scientist

Can you see yourself in this hat?

Streamology is a growing niche consulting company that develops the methods and strategies used by the industry. We are increasingly becoming the specialist provider in waterway science and geomorphology in rural and urban areas and are looking for our next exceptional Waterway Specialist and Drone operator.

### Why Streamology?

Streamology is a small company experiencing rapid, organic growth – the industry seems to appreciate what we are seeking to achieve. As a result, there's always a lot to do. Things move fast, we can get overloaded and we need to work as a team to make the best decisions on a host of project and business-related challenges. You will not be a passenger, instead you will be integral to driving this success. We believe in doing things differently, challenging current paradigms, and daring greatly, and we know that we will get some things wrong. We learn from these mistakes and look to the root cause of the issue. Then try again with improvements. We are energised by this continual innovation and working in an adult environment where we minimise policies and procedures, placing the utmost responsibility and trust upon each of us at the individual level.

Can this make the ultimate Stream Team?

### What is the Position?

This position forms a core element of the Streamology consulting team. The position allows the right candidate to influence the direction of not only the company, but to play a fundamental role in achieving the outcome of healthier waterway environments.

In this role, your time will be split across field work and desktop analysis. This role will involve:

- Expertly piloting drones to ensure the capture of key imagery and video for mapping, survey and 3D surface applications

- Contributing to our other field programs, so an interest in field monitoring of waterways, wetlands and the coast along with an understanding of these systems would allow you to work across a range of projects
- Coordinating and management of field campaigns
- Contributing to project inputs therefore skills and experience in the application of hydrologic and hydraulic models and GIS are required

Ultimately, this is a position that allows you to influence the way waterways positively shape our industry and our landscapes. This position opens the doors for the right candidate to make a difference to the management of water, waterways and catchments and be integral to shaping the direction of a vibrant and growing company. The diversity of projects for this position will be across the full realm of Streamology's assignments, although primarily in regional settings.

### **What would you be doing each week?**

- Piloting Streamology's drones to capture key imagery for environmental monitoring and other projects
- Processing the data captured for mapping, survey and 3D applications using Pix4D and CloudCompare software
- Working closely with project teams to understand the requirements for drone imagery and the required analysis
- Reporting clearly and concisely regarding the captured imagery and what implications the results have
- Liaising with clients to coordinate field campaigns
- Undertaking fieldwork on catchments, rivers and wetlands in rural or urban environments
- Traveling within Victoria and interstate, including remote office and fieldwork
- Effectively managing your time – we work in a fast-paced environment and the goal posts can change
- Working closely and clearly communicating with clients
- Supporting project management and/or projecting managing some projects
- Crunching data to work out the 'what' and 'why'
- Producing high quality technical reports

### **What do you need to excel in this role?**

- Current Remote Pilots Licence (RePL)
- Appropriate qualifications such as a bachelor's degree (or equivalent) in Environmental Science or Engineering
- Moderate level of experience in flying multi-rotor drones up to 2kg (e.g. DJI Phantom 4) in a variety of environments and weather conditions, including heavily treed and vegetated river banks
- Proficient in the use of processing software, e.g Pix4D, and CloudCompare
- Proficient experience with mapping software including ArcGIS and QGIS
- Proven ability to think about waterway systems at a range of scales.
- An interest in solving waterway issues using new approaches and technologies
- The ability to present findings, with the goal of distilling complex concepts into the important, simple messages

- A general level of fitness to ensure the ability to undertake fieldwork in sometimes challenging terrain and a range of weather conditions, including but not limited to walking reasonable distances on uneven ground and carrying equipment into field sites.
- The ability to interpret and distil complex messages in verbal and written form
- A general level of fitness to ensure the ability to undertake fieldwork in sometimes challenging terrain and a range of weather conditions
- Ability to operate at all times with a safety mindset
- Current driver's licence

### **And to excel even further?**

- A willingness to learn and tackle problems differently both on client-facing, as well as internal business challenges
- Passion, humility, integrity, positive attitude, strong personal values and ethics
- Ability to operate at all times with a safety mindset
- Understanding of the consulting business model and what drives success in this space

### **What's in it for you?**

- The opportunity to contribute to industry-changing approaches to managing water and waterways
- Development of your technical skills and experience from a range of in-house experts in the field, and ongoing collaborations with universities and specialists.
- The chance to shape and grow a young and dynamic company.
- A fun, engaging, and fast-paced workplace.
- Flexibility to enjoy your lifestyle and the environment in which we live.
- An idea meritocracy that values your opinions and ideas - lateral thinking, vision and foresight is highly valued at Streamology.
- A flat structure, we are a small boutique company that is open and honest with each other all the time.
- A safe working environment.

### **Where will you sit?**

Preferably in Streamology's Nicholson St office in Melbourne (the funky end)... or at home, in a café, or on the side of a river, or wherever you feel you are most creative and productive. Working out of Bright, NE Victoria is also an option. Fieldwork is generally located in Melbourne, regional Victoria, regional NSW, Sydney and at times other locations throughout Australia.

### **Remuneration**

Remuneration is commensurate with skills and experience. For further information email [admin@streamology.com.au](mailto:admin@streamology.com.au) or phone Christine on 0448 909 398

### **How to apply?**

Applications to be sent via email to [admin@streamology.com.au](mailto:admin@streamology.com.au) by Sunday 12 December 2021, with the following:

***Drone/Environmental Scientist Application*** in the subject line

A cover letter that tells us about you, your passion of our industry and what you can bring to Streamology  
Your concise CV detailing your relevant projects and experience.