

Careers

The water industry has many exciting career options. Imagine working in a pristine catchment area, or developing plans to build a new sewage treatment plant! Careers in the water industry are varied—people with all sorts of skills are needed.

Main Activity

Review the **Main - Careers worksheet** provided. Are there any careers that interest you? Any careers you didn't know existed? Discuss the careers that are listed, then brainstorm any other careers in the water industry that you know of or think might be required.

FACT: Over 2,000 people are employed in the water industry in Melbourne.



▶ Engage

Complete the provided **Engage - Careers worksheet** that shows a range of different jobs in the water industry. Match the person to the professional equipment they use.

▶ Connect

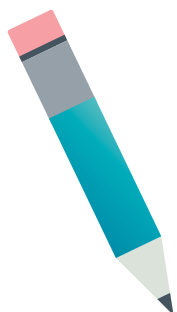
What type of job would you like to have when you leave school? Write the job title at the top of your page, and then write down a list of the ways you think you'll use water in that job.

▶ Explore

Add to the list of careers you found in the main activity by searching online. You may find some jobs that you didn't know even existed! Select five that are of interest to you and then complete the **Explore - Careers worksheet** provided.

Main - Careers

There are many different jobs within the water industry. We've asked just a few people to tell you a few things about their jobs.



Name: Annthea

Job Title: Graphic Designer

Three words that describe your job: creative, interactive, fun

Equipment you use: computers, pens/pencils, camera

Favourite part: coming up with inspiring ideas

Biggest challenge: appealing to everyone

Water interaction: communicating and educating about water and the water industry to the community

Something people might not know about your job: ideas can sometimes take a minute or sometimes a week!



Name: Kate

Job Title: Manager Stormwater Projects, Project Delivery

Three words that describe your job: engineer, design, build

Equipment you use: Laptop, mobile phone, car, hard hat, steel cap boots

Favourite part: working with a team of great people and seeing ideas become reality

Biggest challenge: creating a solution to a problem that everyone is happy with

Water interaction: creating ways to capture and use stormwater to water sporting ovals

Something people might not know about your job: that we work on a project long before you start to see construction taking place (sometimes years!)



Name: Lesley

Job Title: Environment Coordinator

Three words that describe your job: diverse, stimulating, rewarding

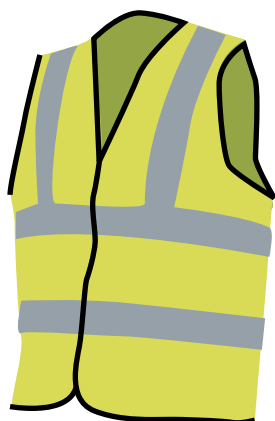
Equipment you use: telephone, computer, and my brain-this piece of equipment is in constant use!

Favourite part: helping to protect and improve the local environment

Biggest challenge: helping people understand how important it is to protect the environment

Water interaction: adapting to climate change to deal with a future of extreme weather events

Something people might not know about your job: that we consider the environment in all parts of the water industry and how we can all have a positive impact



Name: James

Job Title: Engineer, Project Delivery

Three words that describe your job: communication, problem solving

Equipment you use: phones, computers, tablets, fluoro vest

Favourite part: making decisions on site to help works keep going

Biggest challenge: keeping track of the details of lots of different jobs

Water interaction: replacing water mains, building new water mains and replacing sewerage pipes

Something people might not know about your job: sometimes when we lay a new pipe, we don't even need to dig a trench!



Name: Emilia

Job Title: Organisational Development

Three words that describe your job: help, growth, progress

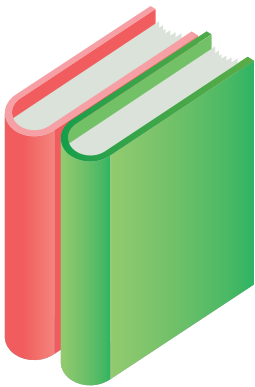
Equipment you use: laptop, whiteboard, data projector, flip charts and lots of coloured markers

Favourite part: meeting and working with lots of different people and helping them reach their potential

Biggest challenge: being flexible enough to switch between individual tasks and those for the whole organisation

Water interaction: I don't directly interact with water, but I work with people in the business who do. Of course, I shower every morning and have a drink bottle with me everywhere I go!

Something people might not know about your job: I help the organisation succeed by helping develop skills in staff today and for the future



Name: Georges

Job Title: Manager Water Quality

Three words that describe your job: water, quality, scientist

Equipment you use: brains, books, computer

Favourite part: solving problems and explaining water quality issues

Biggest challenge: explaining that Melbourne's water is perfectly safe to drink

Water interaction: sampling water to make sure it is safe for Melburnians to use

Something people might not know about your job: that water isn't a boring liquid; looking at it involves chemistry, biology and microbiology



Name: Ash

Job Title: Mechanical Engineer for Sewage Treatment Plants

Three words that describe your job: interesting, challenging, satisfying

Equipment you use: laptop, specialised software

Favourite part: finding solutions to repair equipment and ensuring it operates properly

Biggest challenge: prioritising works and ideas

Water interaction: sewage treatment

Something people might not know about your job: I get to travel to our sites, which offer some of the most beautiful scenery in Victoria



Name: Francis

Job Title: Manager, Research & Innovation

Three words that describe your job: Intellectually stimulating, rewarding

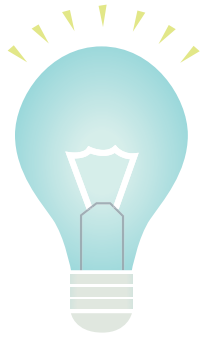
Equipment you use: internet, books, reports

Favourite part: the challenge of the unknown

Biggest challenge: translating concepts into reality

Water interaction: international water companies

Something people might not know about your job: As the challenges change, the nature of the job changes too



Name: Andrew

Job Title: Manager Innovation and Growth

Three words that describe your job: Challenging but rewarding

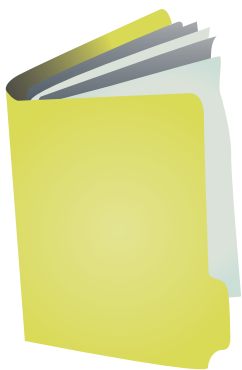
Equipment you use: PC and brain power

Favourite part: Introducing new ideas to the business

Biggest Challenge: ambiguity

Water interaction: new ways to save water

Something people might not know about your job: converting sewage into power is possible!



Name: Peter

Job Title: Demand Forecasting Manager

Three words that describe your job: numbers, trends, research

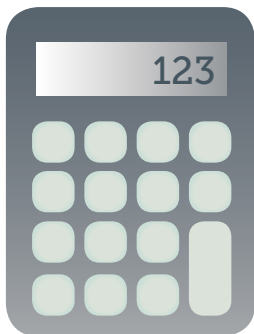
Equipment you use: databases, data loggers, Excel

Favourite part: understanding why/how water use has changed

Biggest challenge: managing big research projects

Water interaction: forecasting Melbourne's water usage into the future

Something people might not know about your job: One of the things we need to forecast is how much nitrogen will need to be treated in the future in Melbourne's sewage treatment plants



Name: Nicole

Job Title: Taxation and Remuneration Accountant

Three words that describe your job: Variety, legislation-based, interactive

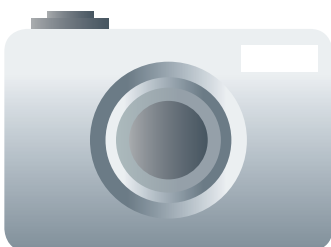
Equipment you use: Computer

Favourite part: The great culture and fantastic people that I work with

Biggest challenge: Interpreting and applying changes in legislation

Water interaction: I need to understand the water and sewerage transactions undertaken to determine associated Tax and GST treatments

Something people might not know about your job: I get to work with lots of other people in the business, which makes my job a lot more fun



Name: Emma

Job Title: Media Officer

Three words that describe your job: Fast-paced, creative, challenging

Equipment you use: Computer, camera, video recorder, Australian Media Guide!

Favourite part: Media launches, meeting celebs!

Biggest challenge: Getting your stories run in the media - and keeping the negative stories out

Water interaction: I inform the public of water related news through the media

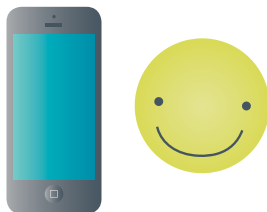
Something people might not know about your job: Every week I trawl through hundreds of press and broadcast media clips about water - you have to keep your finger on the pulse!

Engage – Careers

Match the water industry profession to the equipment they use by drawing a line from the name of the profession to the items. Remember, lots of professions may use the same sorts of equipment, so you can draw more than one line to each item.

Profession
Water quality monitor
Customer service officer
Communications officer
Information technology officer
Field services and maintenance
Human Resources
Engineer
Meter reader
Wastewater treatment plant operator
Sustainability officer
Diver

Telephone, personality



Water testing kit



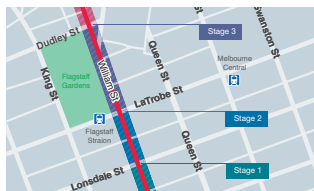
Scuba Gear



Computer and telephone



Plans



Truck



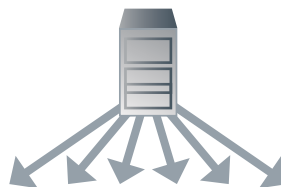
Gloves



Comfortable shoes, Electronic devices



Computer server



Listening Ears



Hiking boots, outdoor clothes



Diver

Explore - Careers

Select five different careers in the water industry and write them in the left-hand column. Write down the tasks they do, then fill in the good, bad and interesting parts about each job. If you know someone who does a similar job you may like to chat to them to find out more. When the worksheet is completely filled, select your top choice and summarise why you think you might like to work in that profession.

Career Choice	Tasks	Good	Bad	Interesting
Choice 1:				
Choice 2:				
Choice 3:				
Choice 4:				
Choice 5:				
The job that most interests me from the list above is because				