



Position Title	Engineer - Strategic/Asset Planning		
Position Number	FOL/428	Employment Status	Full Time
Division	Technical Services - Planning, Strategy & Environment		
Classification	GVW3 / GVW4		
Reports To	Senior Engineer Strategic Planning		
Location	Shepparton - Fryers Street		

ROLE PURPOSE

Responsible for long term asset and water resource planning and demand forecasting. Complete engineering investigations including problem solving.
Prepare and manage data for the Hydraulic Modelling of water and sewer networks including updating, responding and assessing future capability.
Manage consultancy services including preparing reports and other associated contract management processes.
Participate in the development and implementation of key strategies for the Corporation.

KEY ACCOUNTABILITIES

PLANNING STRATEGIES

Develop 20 year master plans to maintain and improve service levels to customers in specific towns.
Participate in the review of the 20 year capital works program covering all Goulburn Valley Water (GVW) towns.
Lead the ongoing development and update key GVW planning strategies including the Peak Day Demand Review, Wastewater Management Facility Inflow Review and Sewerage Management Plan on an annual basis.
Manage and complete the key planning tasks including development assessment, asset replacement advice and council planning scheme amendment assessment.
Review and update population growth forecasts and water and wastewater demand forecast.

HYDRAULIC MODELLING

Manage the collection of data to input into hydraulic modelling of water and sewer networks.
Lead the ongoing development and updating of hydraulic models of water and sewer networks.
Respond to operational network issues that require modelling inputs.
Assess the current and future capacity requirements of water and sewer networks, water treatment plants, wastewater management facilities and water resources.
Assess the servicing requirements of new developments.

PROJECT MANAGEMENT

Prepare project justification reports, cost estimates, concept design and delivery program for projects.
Prepare project briefs for network or treatment plant consultancy services and manage the implementation of these consultancies.
Prepare project briefs for network based contract services including managing the implementation of these contracts (eg. Inflow/Infiltration studies, leak detections and pressure flow monitoring).
Ensure that all contracts are undertaken in accordance with OH&S systems and safe work practices.
Assess the capacity of water treatment plants and wastewater management facilities to assess the reliability of water resources.
Manage consultants to deliver projects within the water and sewer network modelling networks.

LEADERSHIP, SAFETY AND CULTURE

Contribute to setting the standard for the team with effective behaviours and align activities with expectations of GVW's values.
Set the standard of a safe workplace and lead safe work practices.
Take ownership of all safety initiatives implemented by the Health and Safety team and ensure all contractors are following the correct safety procedures and policies.

OTHER DUTIES

Participate in the development and continuous improvement of work processes including documentation.
Provide support for the development of key strategies for the Corporation.
Undertake special projects or reports required on a wide range of issues.

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QUALIFICATIONS AND TECHNICAL SKILLS

Degree in Engineering or similar field (or equivalent).
A current drivers licence.
Previous experience in the water or similar industry with particular emphasis on future asset planning.
Extensive experience in the use of Water and Sewer Network Hydraulic software is essential.
Knowledge and understanding of the design and operations of water and wastewater networks.

KEY SELECTION CRITERIA

KNOWLEDGE and SKILLS

Problem Solving - Continually liaises with key stakeholders to ensure full understanding of the issues

Written Communication - Prepares complex briefs, letters, emails and reports using clear, concise and grammatically correct language

Verbal Communications - Clearly and confidently communicates with people at all levels of the organisation

Advanced Computer Skills - Uses a wide range of software application features for word processing, spreadsheets, etc.

Planning and Organising - Sets clearly defined objectives and priorities

Strategic Planning - Considers the ramifications of issues and long-term impact of work being done

Self-Management - Uses new knowledge or information about self to build a broader understanding of own behaviour and the impact it has on others

Leadership - Identifies potential issues and setbacks and guides team to optimise outcomes

Organisational Awareness - Uses strategic relationships and knowledge to predict and prepare for the impact of events on the organisation

Consultancy - Develops practical solutions to complex problems

PERSONAL QUALITIES

GVW Values Commitment - a commitment to Goulburn Valley Water's values and team 'I' statements.

Conceptual and Analytical - uses analytical and conceptual skills to reason through problems.

Customer Focus - actively seeks to meet customer needs whilst delivering high quality outcomes.

Empathy and Cultural Awareness - shapes response to individuals based on a range of information they have noted, and communicates well with people from a diverse range of cultures and backgrounds.

Initiative and Accountability - proactive and self starting, and takes responsibility for own actions.

Drive and Commitment - demonstrates capacity for sustained effort and hard work, and sets high standards of performance for self and others.



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OTHER INFORMATION

All appointments to Goulburn Valley Water may be subject to the following Pre-employment checks:

- * Reference Checking
- * Medical Screening and Health Declaration
- * National Police Records and/or Working with Children

The Corporation will not bind itself to necessarily make any appointment from the applications received.

Code of Conduct for Victorian Public Sector Employees

The Corporation would require the successful applicant to adhere to the values and principles outlined within the Code of Conduct for Victorian Public Sector Employees.

Employees should also adhere to the following principle:

"He or she shall not use the position for his or her personal gain or advantage, nor disclose any confidential information which may be acquired as a result of his or her employment by the Corporation".

Qualifying Period

A qualifying period of 6 months shall apply from the date of commencement in the position.

Environmental Responsibilities

The Corporation has an Environmental Management Policy and requires all employees to embrace its philosophies and comply with its contents.

Corporate Responsibilities

The employee will adhere to all systems, policies and procedures of Goulburn Valley Water in relation to the Corporation's activities, including public safety, property care, security of Goulburn Valley Waters assets information, quality management and risk management.

Recordkeeping Responsibilities

Employees are responsible for capturing full and accurate records that adequately document business activities and support any decisions made at Goulburn Valley Water in the Corporations Records Management system. Managers/Coordinators who have direct reports are responsible for ensuring staff in their department/team carry out their recordkeeping responsibilities.

Occupational Health and Safety

The Corporation has a number of Occupational Health and Safety policies to ensure protection of Corporation personnel, equipment, and third parties. These policies are strictly enforced and MUST be adhered to by Corporation employees.

Medical Note

Operational employees that come into contact with wastewater are required to be vaccinated for the following:

- * Hepatitis A
- * Hepatitis B
- * Tetanus
- * Q Fever

As per AS/NZS 2927 AS/NZS 1715, applicants with a history of Asthma or respiratory disease may not be appointed to operational positions due to OHS reasons.

Employee

Manager

Name _____
Signature _____
Date _____

Name _____
Signature _____
Date _____