

MELBOURNE WATER POSITION DESCRIPTION

Senior Engineer

PORTS TO:		DIRECT REPORTS AND TEAM SIZE:	
Team Leader, Innovation and Partnerships		This role has no direct reports and is in a team of 6 people.	
THIS ROLE EXISTS TO: (PURPOSE)			
<ul style="list-style-type: none">• Develop and implement innovative technical solutions associated with Melbourne Water’s emission reduction targets, energy strategy, and resource recovery services (including waste to energy).• Manage risks and take advantage of opportunities to increase the value of our services to customers.• Lead the investigation and planning activities associated with applying and integrating innovative technical and commercial solutions.			
KEY ACCOUNTABILITIES:			
<ul style="list-style-type: none">• Take care of own and colleagues Health and Safety through identification and reporting of hazards and active involvement in safety improvement initiatives.• Program and Project management of complex activities involving multi-disciplinary teams and both internal and external resources.• Develop and improve relationships with key internal and external stakeholders to enable project delivery and broaden networks.• Contribute technical leadership and encourage collaboration across the business in the areas of greenhouse gas emissions, energy and resource recovery.• Contribute to the financial sustainability of Melbourne Water through innovation and supporting enhanced service delivery opportunities.• Mentoring of less experienced team members.			
KEY RESPONSIBILITIES		KPIs	
Identification, design, approval, management & delivery of planning investigations and assignments to understand and implement technical solutions, incl. the use of external resources (e.g. consultants).		<ul style="list-style-type: none">• Completion of assignments to budget, time and quality.• Managing external services in support of meeting project objectives and forecast OPEX spend.	
Lead role in identifying, scoping and engaging with key stakeholders to implement innovative technical solutions including justification for implementation of technology trials and infrastructure.		<ul style="list-style-type: none">• Development and approval of business cases to facilitate implementation of innovative technologies.	
Implementation of specific capital projects including role as Project Initiator for major projects.		<ul style="list-style-type: none">• Achievement of project milestone date commitments.• Management of project capital forecasts during planning phase.• Achievement of project benefits.• Compliance with capital project management systems.	

Job Level: Hay 16
 Assessed by: P&C
 Date: November 2019



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SKILLS, KNOWLEDGE AND EXPERIENCE REQUIRED:

- Demonstrable safety focus.
- Demonstrable practical experience and high level technical knowledge in the area/s of greenhouse gas emissions, energy, wastewater treatment and resource recovery. Supported by high level knowledge of the regulatory environment, guidelines, safety issues.
- Demonstrable experience and understanding across several areas of the project lifecycle, including planning, construction, commissioning, operation and optimisation. Supported by an awareness of complex and large scale engineering project implementation and delivery activities.
- Engineering options assessment including stakeholder and customer requirements, economic, environmental, operational and functional considerations, and safety and risk management.
- Ability to set priorities, meet objectives, think creatively and innovatively and to actively lead and contribute to multi-functional, multi-disciplined project teams.
- Demonstrable ability to manage internal and external resources (scientists, engineers, contractors, specialist consultants, research bodies), including developing project briefs, assessing proposals, providing relevant and appropriate input to projects, and project managing external service providers.
- Ability to build and maintain constructive relationships with internal and external stakeholders.
- Strong analytical skills and an ability to aggressively pursue agreed objectives and use sound problem solving skills to overcome obstacles.
- Strong written, presentation, and oral communication skills.
- Robust computer skills, including spreadsheet and database packages.

KEY RELATIONSHIPS:

All Melbourne Water employees are responsible for managing aspects of our customer/stakeholder relationships and service interactions, and will work proactively to deliver a consistent customer experience.

INTERNAL

- Eastern and Western Treatment Plant Operations
- Asset Management
- Major Project Delivery

EXTERNAL

- Retail Water Companies – City West Water, Yarra Valley Water and South East Water.
- Other Victorian, National and International Water Utilities.
- State Government Agencies and Regulators including the Victorian Environment Protection Authority, Department of Environment, Land, Water and Planning and Sustainability Victoria.

SALARY RANGE:

Melbourne Water reserves the right to remunerate people according to their ability to perform the functions of the role based on their qualifications, skills and experience.

OTHER COMMENTS:

This role requires the following:

- Tertiary degree in one of the following subject areas: A relevant tertiary qualification in Environmental/Biological Science or Chemical, Electrical, Environmental or Mechanical Engineering, or other appropriate science/engineering disciplines
- Driver's license
- Medical Assessment

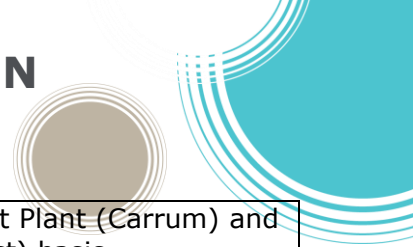
Location: Primary location 990 La Trobe Street Docklands.

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Some travel to various Melbourne Water sites including the Eastern Treatment Plant (Carrum) and Western Treatment Plant (Werribee) will be required, on an as needed (project) basis.

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