

# MELBOURNE WATER POSITION DESCRIPTION

## Principal Engineer - DSS Construction Assessment & Delivery Services

REPORTS TO:	DIRECT REPORTS AND TEAM SIZE:
Area Manager DSS Construction Assessment & Delivery	This role has up to Zero (0) direct reports.
THIS ROLE EXISTS TO: (PURPOSE)	
<p>The Principal Engineer is a land development engineering and construction expert who regulates and works with the development industry and private landowners in collaboration with internal and external stakeholders to investigate, design, strategically plan and review the Development Services Schemes (DSS) to provide new drainage assets required to meet the needs of Victoria's Population Growth in line with other, sometimes competing, Strategic Objectives. This role co-leads the DSS program, a type of developer-funded Infrastructure Contribution Plan which manages and quality assures the delivery of land and new assets in Growth areas to enable the development of new jobs and homes for Melbourne, predominantly in Greenfield areas.</p> <p>This is the Principal Assessment &amp; Delivery expert role that provides the highest technical knowledge and experience for the Service in their allocated area. The holder is technically independent and can be relied upon to provide, act with and deliver accurate and competent advice and services for most types of technical matter.</p> <p>This technical leadership role will work closely with other teams across Melbourne Water and with all stakeholders to leverage the DSS Principles to negotiate, determine and make recommendations on complex technical engineering and planning determinations regarding best practice Waterway Design, Flood Resilience, Stormwater Re-use and Quality to ensure the DSS achieves the highest standard of Integrated Water Management (IWM). The role will involve all forms of communication, advocacy, influencing and presentation skills, negotiating for the best outcome for the Development Services Scheme portfolio, the specific project and for a livable, sustainable integrated water management future for Melbourne. This includes representing Statutory Development Services at governance and industry forums, as well as contributing to (but not being responsible for) development-related strategies, action and implementation plans and designing systems, policies, procedures and other tools to drive the transformational Vision for Service Delivery across the business and the Region.</p> <p><b>DSS Detailed Engineering Works Assessment &amp; Delivery Services</b></p> <p>The technical expert role is responsible for assessing, managing and determining the civil engineering (civil, geotechnical and environmental based) approvals, project management and some financial reporting functions associated with the Asset Delivery (both land and water-related assets) phase of the DSS. The Assessments undertaken are all engineering-based with aspects of legal, planning and financial management acumen required, including assessing and determining Engineering Design Reviews for new Assets submitted by developer and their consultants and contractors. The role is responsible for all types of approval, including the management and quality and accuracy of all Works Business Case Approvals (BCA) for all assets types of \$100m+ project values. It involves leading the project from end to end, Pre-Commencement Advice and other construction based engineering assessments, developing and maintaining short and long term capital delivery programs, financial management of all DSS capital delivery elements including developer reimbursements, and property and maintenance transfers and agreements.</p> <p>This is a general civil / land development / construction engineering role where detailed asset project management &amp; construction knowledge with limited urban planning knowledge is needed to succeed.</p>	

Job level: Hay 16

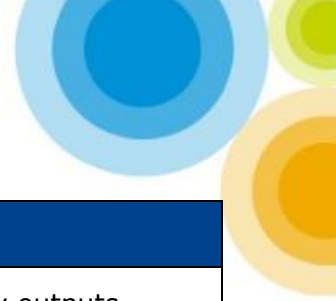
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### KEY ACCOUNTABILITIES:

- DSS Detailed Design - Delegated responsibility for all Works Service Delivery outputs including assessing and determining Engineering Design Reviews and Agreements for new assets, raising of Business Cases and formation of legal agreements including Land Transfers, Detailed Engineering Scheme Delivery planning, Asset Maintenance and other Developer Agreements to enable works, Pre-Commencement advice etc.
- Responsibility for oversight, checking and quality control for all types of applications and decisions in line with set Legislation, Delegations, Policies, Guidelines and Procedures. Managing escalations to the Area Manager and Service Manager, managing the timely and effective resolution of most types of escalations and complaints, and provide support to the Area Manager on highly complex complaints and potentially defending decisions at VCAT, Ombudsman and Ministerial enquiries, as well as delivering advice on asset design and delivery and environmental outcomes.
- DSS Best Value Pioneering Principles Management: ensuring all approvals and designs adhere to the DSS Scheme Principles and provide best value for the Scheme. Supporting the management of DSS interfaces with other infrastructure including Major State Infrastructure Project and Utility interface designs, Environmental Impact Risk Mitigation.
- DSS Design Management Program - ensuring that Detail Design for each DSS feeds back into the ongoing DSS program, including Catchment Investigation and DSS Flood Mapping Programs, maintenance and advice on application of Melbourne Water Asset Technical Specifications, Modelling Standards and Engineering Standards, application and integration of Climate Change, Flood and Erosion Mitigation, Modelling Standards etc.
- DSS Customer Experience and Community Consultation management including being the key project manager for all allocated developer works projects and escalations. Collaboration with consultants and works contractors through: customer relationship management, customer information improvements to provide high levels of service to the developer and landholder community as well as across a broad industry network, including customers and consultants/contractors involved in the implementation of Development Services Schemes.
- DSS System and Process Performance including inputting to the financial review program, Approval Review Process and procedure management and improvement (templates, workflows, business cases), System Use and Improvement including user acceptance testing leadership and embedding system changes within the team to ensure that the DSS meets the set key performance standards
- DSS Financial Scheme Review and Management support to facilitate continuous updating and improvement of Scheme Rate Estimating Rates and Audit Programs, Key Performance Indicator reporting and Financial reporting and other functions to ensure that the DSS Financial Portfolio is performing to set financial management accounting, pricing and regulatory requirements and that each annual scheme review including asset costings and forecast development scenarios are aligned to the most contemporary and accurate rates from the development community proposals
- Responsibility for application of discretion in oversight, checking and quality control for all types of DSS Assessment Outcome in line with set Legislation, Delegations, Policies, Guidelines and Procedures, with very complex decisions escalated to the Area Manager.
- Manage own workload in accordance with KPIs to ensure outputs of each individual are achieved.
- Manage the timely and effective resolution of most types of escalations and complaints, and provide support to the Area Manager on highly complex complaints.

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- Provide mentoring and coaching to team members and support them in their management of their projects and the resolution of complex matters and disputes.
- Undertake Annual Performance, Opportunity and Development discussions for team members
- Under the supervision of and with management from the Service Manager(s), undertake agreed formal performance management actions and activities
- Support the Area Manager with business improvement activities and Melbourne Water development related strategic planning projects.
- With the support of the Area Manager undertake recruitment
- Ensure developer and landowner relationships are prioritised and balanced with competing priorities and relationships with Councils, Victorian Planning Authority, DELWP and wider State Government and other key customers and stakeholders are maintained.
- Taking care of own and colleagues Health and Safety through identification and reporting of hazards and active involvement in improvement initiatives.

KEY RESPONSIBILITIES	KPIs
<p><b>Construction Assessment and Delivery</b></p> <ul style="list-style-type: none"> <li>• Review and determine recommendations made by team members on the content and recommendations made in their business cases and other types of outputs and decisions, ensuring that the design engineering Technical Specifications and requirements are met in all future assets delivered by the DSS</li> <li>• Lead and negotiate complex design assessments and cost variations as well as all types of legal agreements for Asset Management Services asset transfer and maintenance requirements, land transfer etc</li> <li>• Visit DSS sites around the Melbourne Water region to make practical engineering decision in real time, assess and resolve field based issues</li> <li>• Produce accurate monthly and annual forecast reports for the program of projects being delivered including Development Costing Assessments &amp; asset transfers</li> <li>• Review/approve officers' reimbursement assessments ensuring they are in line with the DSS principles</li> <li>• Delivery of all financial components including Developer Reimbursements in line with KPIs</li> <li>• Ensure that projects are Final Cost Reported as soon as practicable following PC issuance</li> <li>• Ensure that Project Officers handover assets in a timely manner following completion</li> </ul>	<ul style="list-style-type: none"> <li>• Projects delivered with a high engineering accuracy and compliance, and in accordance with set Asset Management Services technical specifications and requirements for handover and ongoing maintenance into Capital Asset Base</li> <li>• Team's completion of engineering assessments, application negotiations and assessments requirements in a timely and effective manner in line with agreed Key Performance Indicators</li> <li>• Delivery of the Capital Delivery Program of active schemes in a timely manner in line with annual targets</li> <li>• Immediate, stable and accurate DSS scheme data (asset and land) maintained to ensure overall DSS short and long term accuracy and stability.</li> <li>• Number of cases that are escalated to the Group Manager Statutory Development Services that are contrary to Legislation, Delegations, Policies, Guidelines and Procedures across their Area.</li> </ul>

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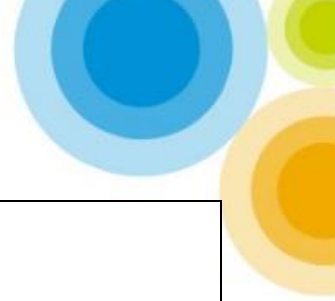
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<ul style="list-style-type: none"><li>• Support and provide advice on complex technical engineering queries raised by team members and customers</li><li>• Work closely with the Service Manager and Area Managers of the DEPS team to plan for the transition and handover of DSS projects coming across to CADS for delivery and to prioritise works program</li><li>• Support the Service Manager to co-lead the management of the DSS Development Capital Works portfolio including the forecasting and overview of the annual Land Development Capital Works allocation and its projects</li><li>• Co-lead with the Service Manager and Area Managers of the DSS Strategies &amp; Schemes Team to ensure that all decisions, costings and data for scheme outcomes are received and integrated back into the Scheme Costing &amp; Review Model, and provide feedback and collaboration on changes to the Manuals, processes and procedures across the DSS Service</li><li>• Provide technical leadership and apply skilled negotiation techniques to ensure that the preparation of detailed engineering designs, financial estimates, development scenarios and approval reports, including Business Case Approvals (BCA) meet Audit and DSS compliance standards as well as providing the most effective engineering, environmental and financial arrangements for the construction of Melbourne Water's infrastructure based on Melbourne Water guidelines and procedures.</li><li>• Ensure outputs manage the DSS scheme risks and ensure that regular feedback and reporting is provided to the Strategies &amp; Schemes Management Team.</li><li>• Contribute to the assessment of Planning Scheme changes proposed by Growth Area Councils and the Victorian Planning Authority.</li><li>• Undertake specialist hydraulic, hydrologic, stormwater quality and engineering design assessments as required for the delivery and maintenance of new Scheme assets</li><li>• Manage requests for information, including meetings from both internal and external sources and attend meetings as required</li><li>• Develop and maintain a broad industry network</li></ul>	
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<ul style="list-style-type: none"> <li>Prepare reports, briefs and presentations on a variety of scheme related issues, appropriate to target audiences</li> </ul>	
<b>Project Management and Decision Quality</b> <ul style="list-style-type: none"> <li>Manage the delivery and decision making of all projects allocated to the Project Officers within the team to ensure that all projects and decisions are made in line with the set Legislation, Delegations, Policies, Guidelines and Procedures across the Area.</li> <li>Ensure team members are able to clearly and with evidence communicate the basis for and the rationale behind decisions verbally and in writing.</li> <li>Ensure that the quality of DSS across Melbourne is maximised by ensuring that the opportunity for optimal outcomes is realised at all stages of each process</li> </ul>	<ul style="list-style-type: none"> <li>Output measures set by the Group Manager Statutory Development Services or Service Manager per officer and per team are met e.g. number of decisions per person per week</li> </ul>
<b>Risk Management and Continuous Professional Development</b> <ul style="list-style-type: none"> <li>Keep abreast of, and where required represent Melbourne Water in, government/industry water asset and engineering, IWM and other relevant development system streamlining and improvement initiatives and requirements to ensure that the service remains contemporary and in line with new and emerging requirements.</li> <li>Identify areas where Melbourne Water Legislation, Delegations, Policies, Guidelines and Procedures are being successfully challenged or overturned on review and with the Service Manager, make written recommendations to the Group Manager for feedback and resolution.</li> </ul>	<ul style="list-style-type: none"> <li>Number of VCAT or BAB cases that are overturned on Melbourne Water specific grounds due to decision making errors.</li> <li>Number of legal cases brought against decisions.</li> <li>Number of IRIS Risk Management risks not addressed.</li> </ul>
<b>Customer Service Excellence and Relationship Management</b> <ul style="list-style-type: none"> <li>Comply with the relevant aspects of the Customer Service Strategy as it relates to the Statutory Development Services Group.</li> <li>Ensure that the team provides agreed levels of service in relation to development decision making processes, procedures and decisions.</li> <li>Ensure that the team meets all WDIP and service timeframes agreed with the Group Manager Statutory Development Services.</li> </ul>	<ul style="list-style-type: none"> <li>Number of CRM complaints related to customer service (not decision complaints).</li> <li>Number and type of informal complaint escalations made to the Service and/or Group Manager.</li> <li>Reputation survey results / customer experience metrics specifically in relation to Development Services Schemes.</li> </ul>

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<ul style="list-style-type: none"> <li>• Ensure that all customer complaints are recorded in the Customer Relationship Management system (CRM) or otherwise agreed system.</li> <li>• Ensure that complaints relating to non-DSS matters are immediately escalated to other business areas to ensure appropriate customer service can be provided elsewhere in the Business.</li> <li>• Ensure that all complaints are responded to within agreed timeframes and in an agreed format, with support or escalation to the Area Manager and/or Service Manager.</li> <li>• Ensure relationships with Developers, Consultants, Contractors, Local Government and other stakeholders in the broader land development industry are managed and enhanced.</li> <li>• Work with the other Area Managers and Regional Managers in Statutory Development Services and across the wider Service Delivery Group to ensure that local area knowledge is shared to improve outcomes and customer experience.</li> </ul>	
<p><b>Team Capability and Performance</b></p> <ul style="list-style-type: none"> <li>• Foster a high performance culture by meeting clear individual goals in line with documented expectations, holding people accountable and managing performance.</li> <li>• Drive the achievement of results, measured both quantitatively and qualitatively.</li> <li>• Support the development and implementation of organisational change</li> </ul>	<ul style="list-style-type: none"> <li>• Group and team targets and plans achieved.</li> <li>• Team productivity and performance metrics.</li> <li>• Alignment and Engagement survey results</li> <li>• Reputation survey results / customer experience metrics.</li> </ul>
<p><b>Leadership Development</b></p> <ul style="list-style-type: none"> <li>• Actively participate in Annual Performance, Opportunity and Development (POD) discussions with Area Manager</li> <li>• Work with the other Area &amp; Regional Managers and Service Manager(s) to ensure performance, standards and expectations are consistent between all staff members.</li> <li>• Provide mentoring and coaching to team members and support them in their management of their projects and the resolution of complex matters and disputes Adhere to all Melbourne Water policies in the recruitment, management and development of employees</li> </ul>	<ul style="list-style-type: none"> <li>• Individual POD process complied with</li> <li>• Weekly performance and work setting meetings held</li> <li>• Staff wellbeing supported</li> </ul>

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### SKILLS, KNOWLEDGE AND EXPERIENCE REQUIRED:

- Experience in undertaking and overseeing professional engineering and construction work including major assets and capital engineering approvals in the general area of civil engineering (including environmental and geotechnical matters).
- Demonstrated ability to lead small teams of professionals in a complex and high volume setting to deliver Key Performance Indicators and Performance Standards and Measures within an inclusive culture.
- Extensive demonstrated understanding and continuous professional development in the development industry as they relate to floodplain management, waterway management and drainage, waterway health and waterway liveability asset delivery.
- Strong interpersonal and negotiation skills with knowledge of the development industry to able making 'on the spot' decisions.
- Providing support to team members in complex issues and ambiguous situations with financial implications.
- Demonstrated experience in the application and review of complex civil engineering specification, documentation, tenders in relation to flood modelling, engineering and environmental assessment reports.
- Extensive experience in the management of relationships and proposals for assessment from engineering and urban planning consultants.
- Ability to project manage all accountabilities with varying complexities, often with competing deadlines and priorities.
- Demonstrated experience in acting independently and with discretion in the Asset Infrastructure Design & Review profession including asset engineering design, asset inception project management, flood modelling and urban strategic and statutory planning making in a referral authority, local or state government or equivalent.
- Demonstrated experience in managing, preparing evidence and presenting to the Victorian Civil and Administrative Tribunal (VCAT), Community Groups, developers and landowner forums and events, and in training peers and team members in the same skills.
- Highly developed interpersonal skills together with high level verbal and written communication skills leading small teams and making decisions in a blended working (office and home) environment.
- High level of external and internal influencing and negotiating skills with the ability to build and maintain strong personal and corporate relationships and gain the confidence and support of stakeholders.
- Demonstrated ability in using asset and process management technology, systems, process and new ways of working to deliver services.

### 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

- Statutory Developer Services Team
- Waterways and Catchment Operations Group

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- Other Melbourne Water Groups including Asset Management Services, Information Technology, Finance, Integrated Planning, Customer and Strategy, Property and Legal teams

### EXTERNAL

- Landowners and Developers of all types
- Engineering Consultants and Contractors
- Other Water Authorities and Floodplain Authorities
- Local, State and Federal Government departments and representatives.
- Water Industry and Authority organisations.
- Professional organisations such as Planning Institute of Australia, Victorian Planning & Environment Law Association, Urban Development Institute Australia, Property Council Australia etc.

### 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:

- Relevant Tertiary qualification in Civil/Land Development Engineering required.
- Extensive experience in decision making relating to complex Civil Engineering and Urban planning including Waterway Design / Flood Resilience / Integrated Water Management / Stormwater engineering projects and approvals required.
- Project, workload and delegated decision making management experience required.
- Experience in the direct management of a Development or closely aligned Service required.
- Experience in Victorian Statutory Planning processes and legislation required.
- Experience in Financial Management of Development Services schemes, Development Contribution Scheme or other Infrastructure Contribution Plans strongly preferred.
- Senior Management business leadership experience in a similar State Infrastructure delivery organisation preferred.
- Experience in people and technical leadership strongly preferred. Informal mentoring and coaching experience required.
- A current Victorian driver's licence.
- A criminal records check.

Location: 990 Latrobe Street Docklands, 3008