

Lessons learned from one of New Zealand's most challenging civil engineering projects: rebuilding the earthquake damaged pipes, roads, bridges and retaining walls in the city of Christchurch 2011 - 2016.

Asset Owner's Representative Role Description – Water Supply

Story: Asset Owner's Representatives and Technical Leads

Theme: Design

An example of a paper which explains the role of an Asset Owner's Representative – Water Supply at SCIRT.

This document has been provided as an example of a tool that might be useful for other organisations undertaking complex disaster recovery or infrastructure rebuild programmes.

For more information about this document, visit www.scirtlearninglegacy.org.nz



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Name	
Role	Asset Owner Rep. Water Supply
Team	Project Definition
Manager	Richard Topham
<p>Purpose of your role:</p> <ul style="list-style-type: none"> To help decide which Water Supply Reticulation pipelines are to be renewed as part of SCIRT To assist in strategic planning at project scoping stage Advise design teams about special circumstances, risks and problems likely to affect the design and rehabilitation of WS infrastructure. Liaise between Stronger Christchurch and the Christchurch City Council so that both parties have a common view of expected outcomes Provide guidance with scoping and concept reports <p>Responsibilities/main role elements/deliverables:</p> <ul style="list-style-type: none"> Supply and maintain the list of WS renewal candidates Actively engage with the Project Definition, Asset Assessment and Design teams to support the on-going workflow through the approval gates Liaise with CCC operational staff to ensure damage data is kept up to date. <p>Short term objectives (1 – 3 months)</p> <ul style="list-style-type: none"> To finalise a reporting tool that will allow a reliable renewal program. To start the Leak Detection work as a tool for assisting in the mains selection process. To represent SCIRT and keep teams informed on the pressure rezoning work Assist in delivering SCIRT infrastructure planning work in the Central City 	
Contribution to KRAs Specific to your Role	
Health & Safety	Team working within SCIRT H&S requirements to achieve zero harm Complete at least one safety conversation/fortnight
Value for Money	Seek opportunities to enhance the value for SCIRT projects
Our Team	Ensure storing of knowledge & resources between teams. Consider opportunities for team building & social interaction
Customer Satisfaction	Keep the stakeholder team apprised of coming projects and the reason for them
Environmental	Support SCIRT objectives to reduce impact on the environment

Key Relationships:
WS Technical Lead Yellow Team (Rex Hopkins): Other Asset owners. Other Design Teams. Various CCC departments
Key Competencies:
Integral knowledge of the CCC water supply network. Expert knowledge of CCC systems, policies and procedures To be able to liaise with other groups to pull together to get results

Role Description

Development Opportunities:
Expectations/ Support Needed:
That the information we are basing our renewals on will finally be correct. Support is external through City Care and this needs to continue. Need for a group of people led to introduce Water Supply Leak Detection if this assessment procedure is to be adopted.
Commitments:
What will success look like?
SCIRT to develop a seamless renewal program from having correct information supplied in the field correctly transferred through software programmes (Including SAP) to be presented in GIS format with the costings attached. Assisting this is a leak detecting programme (for renewals) which will turn into pressure management zones.