



## *What projects are we currently working on?*

### **Sunline Estate**

After successfully delivering one of the largest low impact stormwater management designs for the 14ha Addison "the Avenues" development, we are now implementing the same design philosophy for the adjacent Sunline Estate development in Takanini. The first stage of the development has been consented for construction.

### **Hobsonville Marine Industrial Precinct**

Resource consents for stormwater network discharge and working in a coastal marine area have been granted for Hobsonville Marine Industrial Precinct Development. The next stage is the detailed design for Engineering Approval application.

### **Old Wairoa Road Upper Catchment Main Trunk Line**

We have been engaged by Auckland Council to undertake the Stormwater Conveyance Options Assessment, which has been through the public consultation phase. The next stage is to provide recommendations as to the preferred route.

### **Judges Bay Beach Stage 2**

We join the Reset Urban Design team to provide stormwater management design expertise for the Judges Bay Beach Stage 2 development.

The aim is to protect and enhance the unique features of the coastal environment and we are taking a holistic approach to develop stormwater mitigation measures that can be incorporated into the landscape design.

### **SH16 and SH20 Waterview Connection Project review**

We are reviewing the stormwater management design for Waterview Connection Project and providing expert witness on behalf of submitters.



Low impact design for the Avenues



Judges Bay Scheme Plan

## *Recent Project Successes*

### **Non-standardised stormwater management**

Over the last 6 months, SSCL has designed many non-standardised stormwater management systems for private property owners, whom were initially facing a costly or even no-go situation for their proposed development due to unexpected constraints associated with stormwater discharge. Please visit our website [www.stormwatersolutions.co.nz](http://www.stormwatersolutions.co.nz) for details.

### **Industrial site — Washdown facility**

We were engaged to develop a stormwater trade waste management system for a proposed washdown facility as part of an industrial development in Otahuhu, Auckland. The management system, which included storage tanks to collect roof runoff for reuse in the washdown facility, a Hynds "Enviro-Valve" to separate stormwater from trade waste and connection pipelines to the public networks, has recently been awarded building consent.

### **Recreational site — Kayak destination**

We recently provided an investigation and review into the suitability of Library Point as a kayak destination for gaining access to Sanders Reserve, via Paremoremo Creek in the Waitemata harbour. The review focused on pedestrian access at both low and high tide conditions, including mountain bike portage and investigated the potential of several different kayak access options.

### **Environmental Effect Assessment — Copper concentration**

We have conducted a review and assessment of effects of the concentration of copper within the stormwater discharge from the proposed redevelopment of the new Art Gallery at Titirangi, Auckland. Tecu Copper cladding was proposed as part of the redevelopment and an assessment of effects, consistent with the ANZECC guidelines was undertaken on the downstream receiving estuarine and marine environments.

## *Staff News*

Kellie recently received her Post Graduate Diploma in Environmental Science from The University of Auckland. This was a proud moment for Kellie and her family after 18 months of part time study.

The SSCL team is going fishing for this year's Christmas Function to farewell another successful year. Our office will be closed from Friday 24th December 2010 and will reopen on Monday 17th January 2011.