

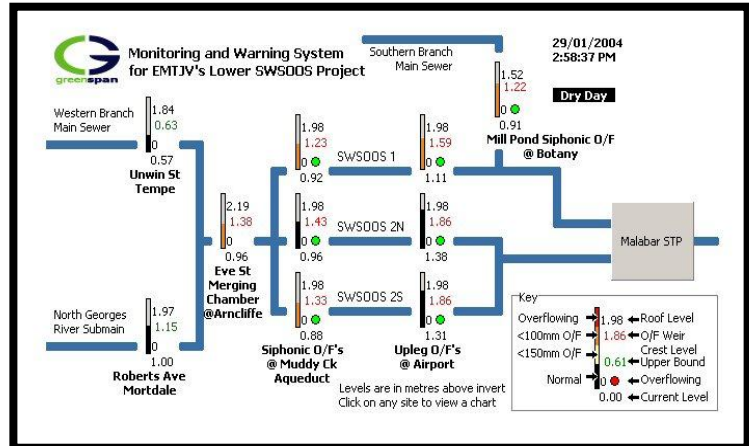
flow & rainfall monitoring

SWSOOS real time monitoring and warning system

project summary

The Lower SWSOOS rehabilitation project is the largest sewer rehabilitation project outsourced by Sydney Water Corporation. It is valued at approx \$20 million and expected to take 3 years to complete. Operator safety and dry weather overflow prevention are key components of the system, necessitating a reliable monitoring and warning system. Greenspan were invited to design and tender for the monitoring and warning system, and have been involved in the project since late 2002. The project involved the design & installation of a monitoring and warning system, base station control system and ongoing maintenance.

Sydney / Australia



project features

- Integration with various Agencies & Venture Partners
- Use of the Bureau of Meteorology's ALERT network
- Real time monitoring of 17 sewer sensors, 14 rain gauges, and 4 H₂S gas monitors
- Three tier SMS real-time alarm for overflow status
- Real-time data display on a web page for easy access, updated every 15 minutes
- Fail-safe SMS messaging in event of internet failure.
- Ongoing system maintenance



tyco / Flow Control / **Environmental Systems**

