

# ProTSS™ Remote Monitoring System

Your Wireless Solution to Measuring **Total Suspended Solids**

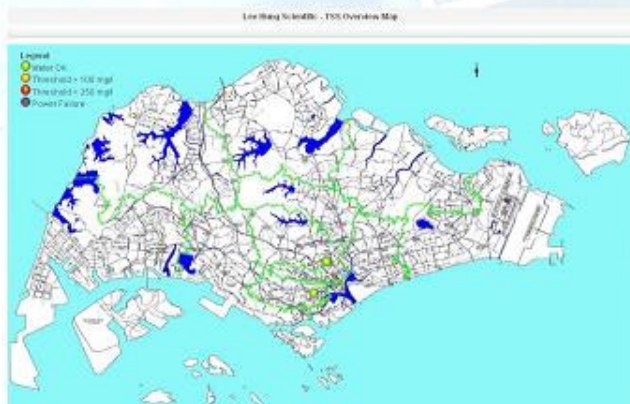
REAL-TIME | WEB-BASED | LIVE DATA & VIDEO | SMS ALERTS | FOR EARTH CONTROL MEASURES

## ProTSS™ (Total Suspended Solids) Remote Monitoring System

Developed using 3G mobile network technologies, our ProTSS™ System is designed for use in construction or earthwork sites for drainage discharge control. It allows you online access to live updates of discharged water level being monitored at sites any-time, anywhere, and alerts you via SMS whenever TSS limits are exceeded.

Our system is approved by PUB in compliance with the **Sewerage and Drainage (Surface Water Drainage) Regulations Revised Edition 2001: "Regulation 4(1) – No person shall discharge or cause or permit the discharge into the storm water drainage system of Total Suspended Solids in concentrations greater than 50 milligrams per litre of the discharge."**

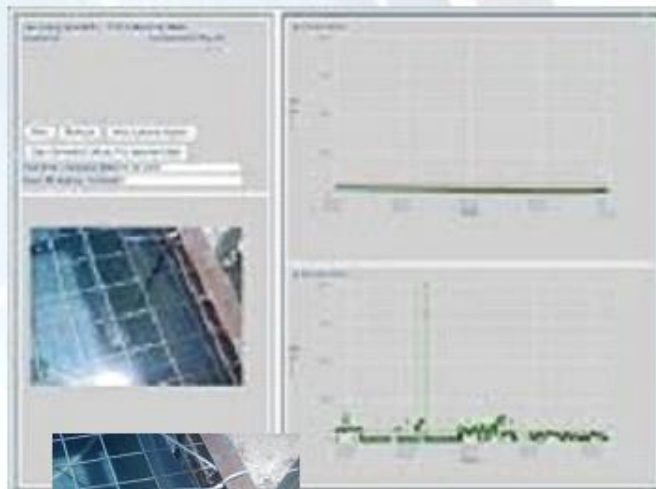
Implementation of this rugged and robust system provides an effective solution for ECOs & Site Managers to help increase productivity, meet deadlines & fulfill legal requirements.



The sensor operates on the principal of scattered light as the means of determining the concentration of suspended solids. On measurement, it logs the TSS values for analysis which are then transmitted over a secure network to allow users access to real-time readings at any time via internet. When the readings exceed their limits, SMS notifications will be sent to designated persons for their immediate action.

### Features

- Fully automated online data acquisition that provides remote access 24 hours a day, 7 days a week
- Continuous CCTV recording with live data from on-site sensors & on-demand live video
- Real time TSS readings for analysis with reference to legal threshold limit of 50mg/L
- User-friendly web-based interface with graphical overview that displays clear update of system status
- Programming of SMS alerts to be triggered when readings exceed threshold limits
- A reliable & cost-effective system to remotely monitor and control sediments discharge from construction sites



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