

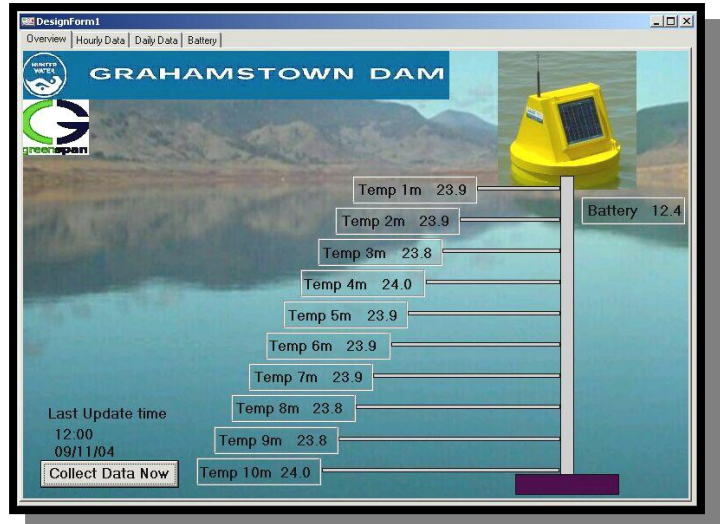
# lake monitoring

## Hunter Water Corporation—Dam Profiling

Newcastle / Australia

### project summary

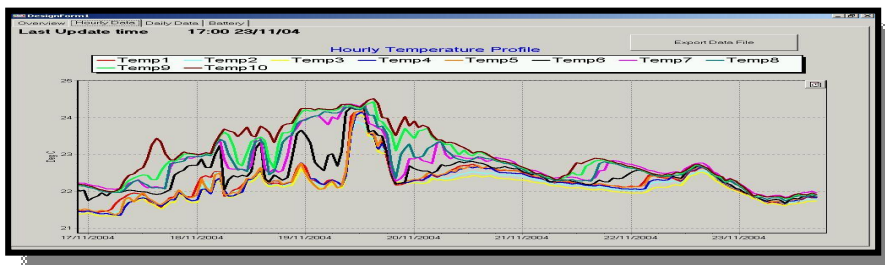
Water Storages are subject to variations in water quality and most operators & owners are required to install monitoring systems to warn of changing conditions. Water Quality systems may be required to monitor temperature profiles through the water column to provide early warning of stratification of the lake. Greenspan has designed and supplied a range of lake monitoring systems incorporating thermistor chains to provide specific water quality and environmental monitoring parameters for various Water Storage Operators and mining clients.



### project features

- Buoy & Floating Pontoon Mounted Systems
- Instrument systems for Temperature, conductivity, pH, dissolved oxygen
- Thermistor Chain reporting in real time
- Solar powered self contained monitoring systems
- Data logging & telemetry communications
- Alarms & Warning systems
- Base station display systems & Data management

Date	Time	Temp 1m	Temp 2m	Temp 3m	Temp 4m	Temp 5m	Temp 6m	Temp 7m	Temp 8m	Temp 9m	Temp 10m
25/10/2004	21:16	23.14	23	22.94	22.98	22.87	23	23.15	23.16	23.15	23.15
25/10/2004	21:17	23.15	23	22.94	22.98	22.87	23	23.15	23.16	23.15	23.15
25/10/2004	21:18	23.16	23	22.94	22.98	22.87	23	23.15	23.16	23.15	23.15
25/10/2004	21:19	23.15	23.01	22.95	22.98	22.88	23.01	23.15	23.16	23.15	23.15
25/10/2004	21:20	23.16	23.01	22.95	22.98	22.89	23.01	23.15	23.16	23.15	23.15
25/10/2004	21:21	23.16	23.02	22.95	22.98	22.89	23.01	23.15	23.16	23.15	23.15
25/10/2004	21:22	23.16	23.02	22.95	22.99	22.89	23.02	23.15	23.16	23.15	23.15
25/10/2004	21:23	23.17	23.02	22.97	22.99	22.9	23.05	23.15	23.16	23.15	23.15
25/10/2004	21:24	23.17	23.03	22.97	23	22.91	23.05	23.15	23.16	23.15	23.15
25/10/2004	21:25	23.16	23.02	22.96	23	22.91	23.02	23.15	23.16	23.15	23.15



**tyco** / Flow Control / Environmental Systems

