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ASSESS • DESIGN • DELIVER

MONITORING AND RESEARCH – WATER QUALITY

SERCUL's water quality monitoring program assesses conditions, designs and implements monitoring programs and analyses results which include management recommendations. Water quality monitoring provides vital baseline information and monitors changes to gain understanding about water quality issues, hotspots and patterns to deliver integrated catchment management. This provides encouragement to continue, and increase, our efforts to protect and improve our water resources for ecosystem health and human well-being.

Benefits of using SERCUL:

- Existing strong partnerships with stakeholders
- Quality assurance and quality control during the data collection, collation and analysis
- Use of the same standards and methods across the region following state and national guidelines
- Department of Water WIN database registration



Services Provided:

- **Pre-assessment** of the catchment
- **Sampling Analysis Plans** and safety plans - development and implementation
- **Water and Sediment sample collection** - ongoing/long term or one off monitoring
- Prepare **graphs** showing results per site, per location and per parameter
- **Ranking analysis** - identify patterns and/or hot spots to be prioritised for improvement and/or protection
- **Identify sites/catchments** requiring an ongoing sampling program
- **Mapping** to visualise sampling sites and results
- Catchment and stormwater **management recommendations** to improve the quality of water entering the rivers and wetlands
- **Data summations** and/or analysis of water quality data previously collected

Outcomes 2004-2015:

- More than 30 partnerships established with local governments, universities, government agencies and community organisations
- 24 Water Quality Monitoring programs established
- 75 Water Quality Reports produced
- Three catchment specific ranking analysis
- Input to Swan-Canning and local Water Quality Improvement Plans

SERCUL also has capacity for:

- Integrated mosquito issue assessment and management
- Integrated vegetation and weed monitoring and weed control
- Implementing management recommendations from water quality reports

SERCUL is delivering water quality services successfully and offering good value for investment.

SERCUL is a not for profit community led organisation. Our vision is to have, as a given, the Natural Resources of the South Region of Perth managed in a healthy and sustainable manner by all stakeholders for future generations. All proceeds from Environmental Services undertaken by SERCUL are invested back into this non-profit community organisation to deliver our vision through Community Support, Education and Landcare programs.