



MANAGING TANKS AQUEDUCTS PUMP STATIONS WATER QUALITY

ASAM RT

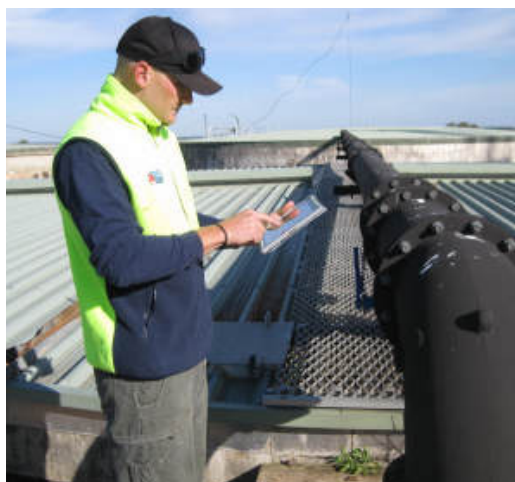
Is a web based, data management system designed to store and facilitate inspection information on Storage tanks, Aqueducts, Pumping Stations and Water Quality sampling sites.

Asset histories are built with the input of both static data and field inspection information. Digital images, plans and operational documents are stored and easily accessed to provide additional evidence for the data management process.

ASAM RT is coupled with a powerful search engine to retrieve information and generate a variety of specialised reports to suit operators, management and regulators within the water supply industry.

This information will enable the user to demonstrate both industry compliance and effective record keeping, whilst ensuring that long-term operational knowledge is accessible for future generations of management and staffs.

A real time tour of the programme is available by logging in (top tool bar > red button) and entering the supplied passwords for 'All State City Council', a fictional client. This is data cloned from real clients (with the identities changed for security purposes).



PROJECT MANAGEMENT

ASAM RT incorporates a Project Management system that 'closes the loop' between field inspections, data capture and the maintenance solutions required.



Project management is required to complete the process which commences when issues are identified out in the field, the results are passed along the management chain and then actions are planned and carried out to a successful outcome... or are they?

There is often a gap in the management process where one department has no idea of what the other is doing. ASAM RT has an integrated Project Management system that is easily created from the initial reports, which delegates responsibilities and tracks all the individual stages of the maintenance process through to completion. At any time, managers can see what is being carried out, the progress throughout various stages and which projects have stalled for a variety of reasons.

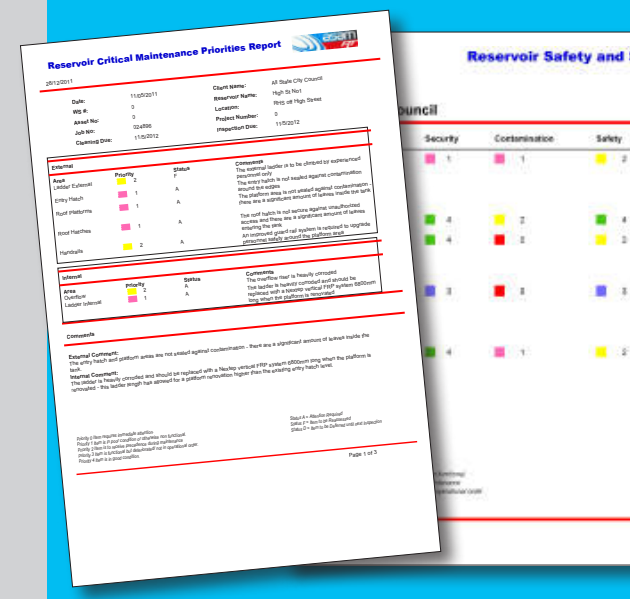


A colour coded maintenance calendar shows long term planning projections for both individual and group assets. Progress reports can be generated and edited to reflect a 'real time' update on the management of projects.

Completed projects can be archived for review by future generations of management. Did it work out as expected or could the design/upgrade be improved upon? All too often mistakes are repeated due to a lack of knowledge and poor record keeping.

With regulators moving towards a 'chain of responsibility' scenario in the sharing of management outcomes, auditors will look for an 'evidence trail' and if an individual or organization has poor record keeping or has neglected to carry out their nominated responsibilities, then 'the buck' will most likely stop with them! ASAM RT Project Management system will provide this evidence and allow for a more 'wholesome and practical' review of project expectations and progression.

ASAM REPORTS



ASAM RT can generate a variety of reports to suit most areas of management interest. Priorities and Benchmarks are colour coded for easy comparison and the rating details are included on the end of each page. These reports can be viewed within the program, printed or exported into the following electronic formats:

- Crystal Reports (RPT)
- PDF
- MS Word 97 - 2003
- MS Excel 97 - 2003
- MS Excel 97 - 2007 (Data Only)
- Excel Workbook (Data Only)
- Rich Text Format (RTF)
- CSV

Nine sample reports from 'All State City Council' can be downloaded and viewed as PDF

- **ANALYSIS REPORT**
Listing multiple tanks with dates & intervals for cleaning and inspecting, along with sediment depth, time taken to clean and waste water volumes.
- **BENCHMARK COMMENTS REPORT**
One page per tank listing all of the benchmarks and appropriate comments.
- **CRITICAL MAINTENANCE REPORT**
Displays the 0, 1 & 2 priority ratings and appropriate comments for each tank. Along with the Executive Summary, this report captures the most important features of the Aqualift inspection process.
- **EXECUTIVE SUMMARY REPORT**
Summarises the four main areas of interest to management - Security, Water Quality, OH&S and Structural issues.
- **GENERAL DETAILS REPORT**
Listing multiple tank names & ID numbers, locations, shapes, depths, diameters, floor areas etc.
- **MAINTENANCE REPORT**
Lists all of the priorities and ratings from 0 to 4, along with appropriate comments for each tank - more detailed than the Critical Maintenance report.
- **SAFETY & SECURITY REPORT**
Listing multiple tanks in a 'colour view' of benchmark priorities and appropriate comments on Security, Contamination, Safety and Confined Spaces.
- **STRUCTURAL REPORT**
Listing multiple tanks with the External and Internal Structural and coatings benchmarks, along with Carbonation results.
- **TANK INSPECTION REPORT**
A detailed report of each tank which contains static details & safety information, pipework configurations and a listing of all the External/Internal priority ratings and appropriate comments.





AQUEDUCTS

Are also known as 'exposed pipe assets', so they have numerous areas that can fail or cause maintenance issues. Head-works, joints, supports, valves and access issues are common and need to be inspected and recorded to avoid failures when least expected.



Pumping systems rely on a wide range of supporting structures, such as access requirements, electrical supply, buildings, pipework both in and out, lifting equipment, and finally the motors, connections, bearings and pumps themselves.

These all need to be inspected and recorded to ensure effective maintenance is carried out.



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