ASMS

The AquaSafe® Management System

Data Collection, Analysis and Management Software

WAGTECH PROJECTS
TRACE2O

SPECIALIST MANUFACTURERS OF ENVIRONMENTAL ANALYSIS AND MONITORING EQUIPMENT

ASMS INTRODUCTION

The AquaSafe Management Software package (ASMS) is an essential tool for recording water quality data in the field. Comprising of both a mobile App and computer dashboard, it can be used in conjunction with Wagtech Projects and Trace2o's wide range of portable water testing kits or existing legacy instruments.

For convenience, the ASMS mobile App enables an agent to digitally enter and record microbiological and physico-chemical test results, including WHO Sanitary Surveys. This data is uploaded to a cloud-based server, where it can be accessed via the ASMS online dashboard anywhere in the world. Here the wealth of results can be visualised, analysed and managed to give full traceability and ensure regulatory compliance.

Choose from either the Standard or Advance dashboard.

STANDARD DASHBOARD

Mobile Phone App

Analytical Water Quality Results

ADVANCED DASHBOARD

Mobile Phone App

Analytical Water Quality Results

Flagged Reports

Favourite Filters

Trends and Charts

Instruments and Reagents

Summary Test

Audit Trail of Alerts

FEATURES AND BENEFITS

- Record data electronically and instantly upload to a remote database saving time and money on manual recording and lost data

- Connect your wider team through a single dashboard to improve efficiency

- Custom report and graph generation

- Global visibility of data and results allows control anywhere

- Visualisation of results and problem hotspots is easy with the mapping function

- Equipment and reagent batch management for calibration and verification

- Analyse results quickly with custom drill down tools

- Recording of geographical location

- Ability to set up Alert systems that align with WHO or other guidelines

- Simple analysis and identification of results and trends, leading to early remediation of potential problems

- Full audit trail capability to meet local compliance and regulations

- Tabular and graphical display of results

- Comprehensive results filtering options

- Ability to save your favourite search settings

- Flagged reports for identifying results which need further investigation

- WHO Sanitary Survey recording

- Export data to Excel for analysis and reporting

STANDARD SOFTWARE

Dashboard data is gathered from locations where surveys are carried out, providing results including Microbiological, Physico-chemical and Sanitary surveys via the mobile App.

The Standard dashboard allows you to simply view water quality data in tabular form and filter it by descriptors such as location, parameter and source. This dashboard is perfect as an economical solution for reviewing essential field data online that has been captured remotely using the purpose-built App.

More detailed analysis features are available in the Advanced package.

DESCRIPTION	PART NUMBER
Standard Subscription Package, includes lifetime Access to Dashboard and initial 12 month licence	ASMS-12S
Additional 12 month Licence for Standard Package	ASMS-ADDS
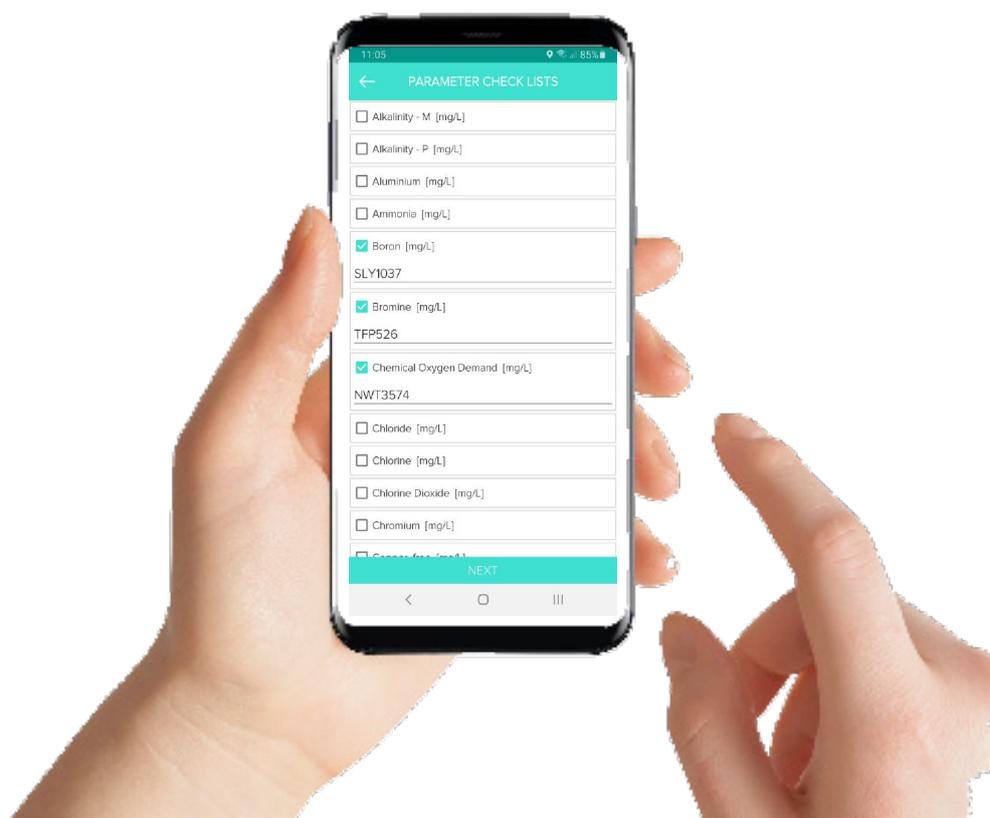
STANDARD SOFTWARE

| Physical & Chemical Analysis | Microbiological Analysis | Sanitary Survey of Sources | PARAMETER |

Testing Site
HOSPITAL

Source Type
PIPED WATER SUPPLY

Country
India

Location Description
Location Description

Sample Reference Number
Sample Reference Number

Date From
01-09-2020

Date To
27-10-2020

↻ Refresh   🖨 Export as Excel   ♡ Set as Favourite Filter

Date of Collection	Country	Source Type	Testing Site	Location Description	Sample Reference Number	Latitude / Longitude	Source Image	Temperature [°C]	Chlorine [mg/L]	Fluoride [mg/L]	Lead [ppb]	Nitrate [mg/L]
10th Oct. 2020	India	PIPED WATER SUPPLY	HOSPITAL	Chittaranjan Hospital	DC6	51.4016967, 1.2569570 ♀ View on Map		32.8	1.8	0.03	8.8	6.9
08th Oct. 2020	India	PIPED WATER SUPPLY	HOSPITAL	Chittaranjan Hospital	DC5	51.4016942,-1.2560466 ♀ View on Map		31.8	1.6	0.08	10.2	6.4
06th Oct. 2020	India	PIPED WATER SUPPLY	HOSPITAL	Chittaranjan Hospital	AJ11	51.4016948, 1.256956 ♀ View on Map		34.6	2.4	0.07	9.9	6.2
04th Oct. 2020	India	PIPED WATER SUPPLY	HOSPITAL	Chittaranjan Hospital	AJ10	51.4016972,-1.2560506 ♀ View on Map		33.8	2.2	0.05	9.4	6.8
02nd Oct. 2020	India	PIPED WATER SUPPLY	HOSPITAL	Chittaranjan Hospital	DC4	51.4016915, 1.2569167 ♀ View on Map		33	1.9	0.06	8.6	6.7

STANDARD FEATURE SPOTLIGHT

Testing Site
The standard software allows you to select a series of drill down options. Simply search for a specific site location, e.g Health Centre. If there are several results for this test site then you can drill down further.

Source Type
Searching by source type allows you to display results from a particular source. Users may be constantly testing a specific source type e.g river. This option is a time saver and allows you to view multiple results on the one page.

Parameter Selection
Another handy search selection tool. Choose one or more parameters e.g Lead, Chlorine etc to filter reports that only contain those elements.

Sanitary Survey
Record and review information collected during test site surveys, to determine WHO compliance, and so quickly identify areas of concern.

ADVANCED SOFTWARE

The Advanced software is the ultimate solution for viewing, visualising and analysing data collected via the ASMS App. The package is sophisticated and customisable, and offers a more integrated reporting and alerts system, to better support automated compliance.

The Advanced dashboard allows you to view your data in tabular form, as with the Standard dashboard, but now with the ability to create graph style results to visualise trends.

A Flagged Reports section means reports of interest or concern can be stored in an area specifically to review in greater depth.

Frequently searched terms can now be saved as Favourite searches for added convenience.

Instruments and Reagents logging section enables visibility of kits being used, and to monitor the test chemical consumption rate for batch management and re-ordering.

Test results can also be viewed in a quick Summary format, and Audit Trail of Alerts helps to quickly check for compliance regulation.

DESCRIPTION	PART NUMBER
Advanced Subscription Package, includes lifetime Access to Dashboard and initial 12 month licence	ASMS-12A
Additional 12 month Licence for Advanced Package	ASMS-ADDA

ADVANCED SOFTWARE
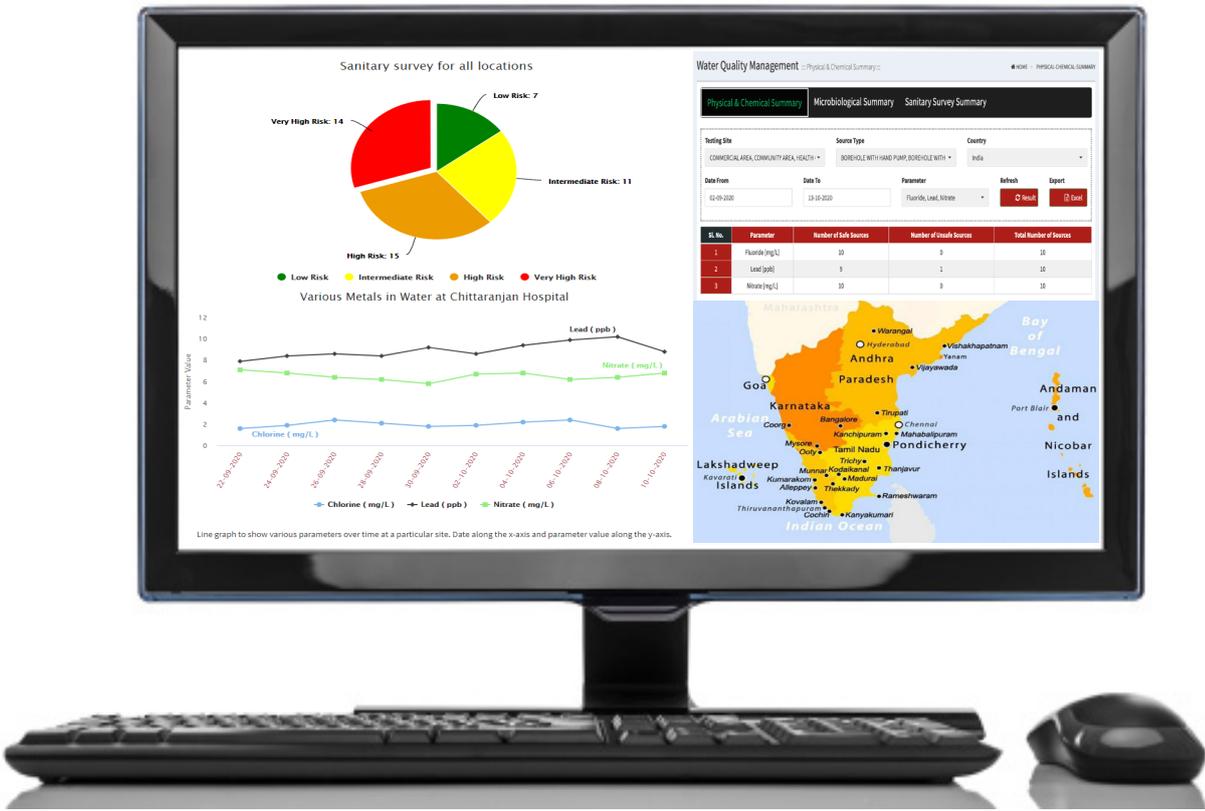
ADVANCED FEATURE SPOTLIGHT

Trends and Charts
Advanced dashboard features include graphical representation of results, customisable to your exact requirements- essential for quickly identifying anomalies and hotspots.

Instruments and Reagents
Keep track of kits to allow for instruments to be identified for calibration and monitor consumable batch numbers for traceability.

Summary Test
Overview of reports, to show number of tests successfully carried out.

Audit Trail of Alerts
Where thresholds of set parameters have been exceeded, email alerts are automatically generated. These trail of alerts are then recorded for auditing purposes.

Favourite Search Filters
Favourite your frequently searched filters to save time and keep your current projects to hand.

Flagged Reports
Isolate reports of interest and save for quick reference.

ASSOCIATED WATER QUALITY PRODUCTS

AQUASAFE RANGE

PHYSICO-CHEMICAL AND MICROBIOLOGICAL TESTING

- ◎ A wide range of portable water testing laboratories for analysis of drinking water, including both microbiological and physico-chemical testing, including heavy metals.

- ◎ These kits have been designed with portability and convenience in mind. They include equipment and storage for consumables to allow for multiple samples to be taken, and either analysed in the field or back at a laboratory.

- ◎ Use with ASMS for reliable data acquisition.

METALYSER

HEAVY METAL ANALYSIS

- ◎ A range of portable trace metal analysers supplied in compact, lightweight kits that provide all the tools for laboratory quality analysis.

- ◎ The kits include laboratory instruments designed for ease of use, yet giving high levels of accuracy (less than 1 ppb) of over 20 metals.

- ◎ Use with ASMS for reliable data acquisition.

- ◎ For more info, visit www.trace2o.com

DISCLAIMER INFORMATION

- ◎ The ASMS software has been specifically designed for use with the Wagtech Projects and Trace2o Aquasafe range but can be used with any existing instrument by customising the program fields.

- ◎ ASMS licence Agreement is 12 months as standard on a rolling contract unless terminated in writing, while dashboard software is a one time purchase.

- ◎ In line with GDPR legislation all data is secure and held with the highest security. Clients may access to their data on on ending a contract by contacting your ASMS client manager.

- ◎ All information remains the property of Wagtech Projects/ Trace2o.

- ◎ All images are for illustration purposes only.

- ◎ All product, product specifications and data are subject to change without notice to improve functionality and reliability.