



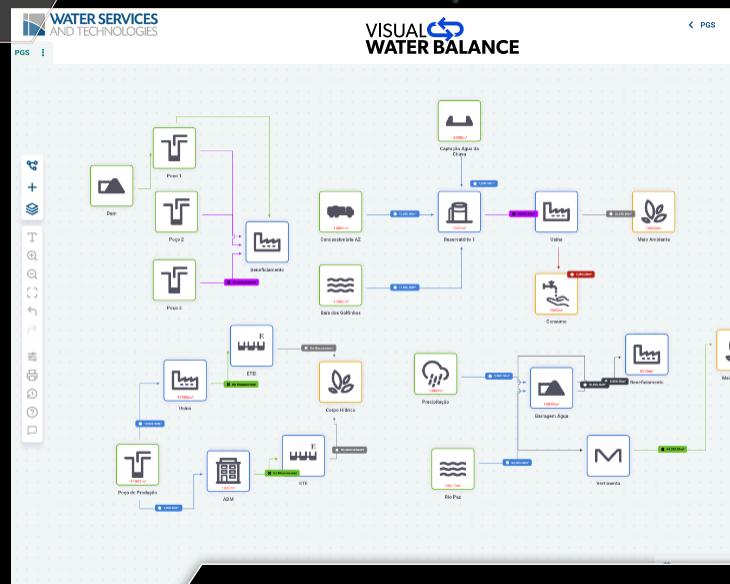
OPERATIONAL WATER BALANCE

Helping Mines Manage Water Better

Maximize Reuse, Minimize Risk, Ensure Resilience

Revolutionize your mine's water management with Visual Water Balance (VWB). Our advanced software enables mine site managers to map, monitor, and optimize water usage dynamically. With VWB, you can boost water reuse, mitigate risks, and plan strategically for long-term water resilience—ensuring efficient and sustainable operations throughout the life of your mine.

Take control of your water sources, usage, storage, and discharge in a single, integrated platform. **Book your demo today!**



Supports Compliance with GRI and ICMM Standards!

Why Visual Water Balance?

Dynamic Water Planning

Map and quantify your mine site water balance to identify your sites resilience to stresses and mitigate operational risks.

Water Reuse Optimization

Delineate the interconnectivity between water uses and pinpoint areas to improve water reuse and optimize water sources.

Water Risk Mitigation

Test potential water risk scenarios, such as shortages, equipment failure/maintenance, site expansion and overuse.

Regulatory Compliance

Streamline regulatory/ESG reporting and compliance and demonstrate your commitment to meeting regulatory standards.



Control Your Water Risks

Plan for Operational Efficiency. Proactively Mitigate Risks.

Visual Water Balance provides mine managers with a dynamic tool to create a comprehensive water circuit, illustrating the interdependencies of each element on water use. This software is not static; it allows users to make changes at one location and immediately see the effects across the entire site. By visualizing these interactions, managers can better understand the implications for ore production, human health risks, environmental safety, and compliance with ESG goals.



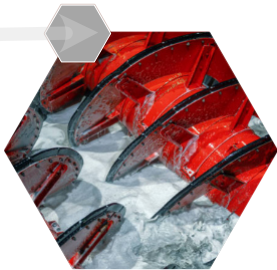
BOOK A DEMO

Call (519) 804-3076



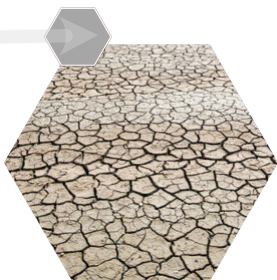
PRODUCTION

Plan for continuous water supply across the entire operation



WATER REUSE

Maximize water reuse to reduce treatment and discharge costs



WATER RESILIENCE

Test water risk scenarios to plan for water security

Why a Dynamic Water Balance?

Operational Efficiency

Develop a dynamic water circuit to understand the interconnectivity between water uses to estimate risks and develop contingency plans

Enhanced Risk Management

Identify and mitigate potential water-related risks, such as flooding, water shortages, equipment failure/maintenance, site expansion, etc

Maximize Water Reuse

Gain a site-wide perspective on water-use and water-disposal to optimize reuse and minimize the need for fresh water

Data-Driven Decision Making

Understand your site-wide water balance to make time-sensitive and informed decisions

Water Resilience Planning

Build water security by incorporating and testing various water scarcity and surplus conditions

Cost Savings

Reduce water procurement and treatment costs by optimizing water use and recycling across the operation

Corporate-Wide Reporting

View, manage, and report on water-related KPI's across the entire organization to gain a consistent understanding of water use

Scalability, Site Changes

Plan efficient water use for a continuously evolving mine site footprint

Data Integration & Monitoring

Rapidly respond to changes in water supply when updating site monitoring data to VWB's central database

Improved Compliance

Streamline compliance reporting to ensure adherence to environmental standards (GRI, ICMM) and corporate ESG goals

Stakeholder Communication

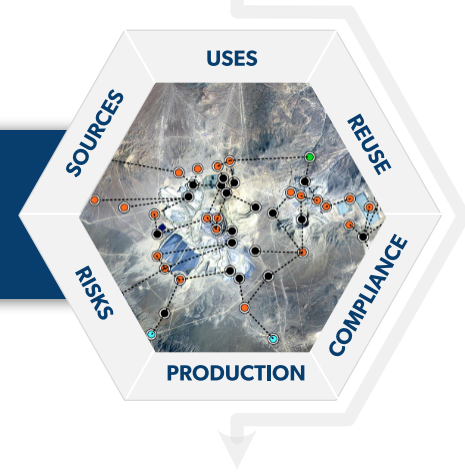
Visual dashboards include KPI's, water circuits and maps that provide a more comprehensive way to communicate to stakeholders

Maximize production. Understand your operational water balance.

WATER SERVICES
AND TECHNOLOGIES

Visual Water Balance

A Powerful, Dynamic Solution for Water Management



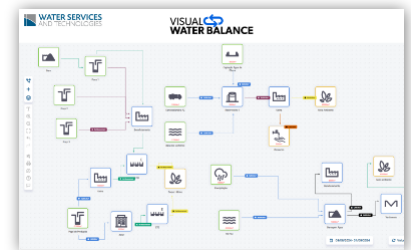
VISUAL WATER BALANCE

Visual Water Balance provides mine managers with a powerful, user-friendly tool to dynamically and autonomously manage their water balance. This innovative software offers spatial visualization of water circuits and critical indicators, empowering managers to optimize their operations and ensure water security. **Request a demo today visit www.waterservicestech.com**

WATER CIRCUIT

Create and Visualize Water Circuits with Ease

- Comprehensive Visualization: Develop detailed flowcharts to clearly see the entire water circuit of your operation.
- Real-Time Updates: Link with the database to provide users the autonomy to make real-time changes, such as replacing meters or adding new paths.
- Identify Inefficiencies: Quickly pinpoint system losses or inefficiencies to enhance water management.
- Immediate Decision Making: Facilitate swift decision-making processes by establishing validity periods for each structure, ensuring your water circuit remains up-to-date.



Change water volumes at any site element, automatically see cascading effects

WATER BALANCE MAP

Integrated Spatial Visualization for Enhanced Control

- Detailed Mapping: View the locations of water collection, consumption, and release points across your site.
- Strategic Planning: Identify optimal locations for managing and controlling water operations.
- Meter Installation: Determine the best strategic locations for installing new meters to improve monitoring.
- Resource Identification: Discover new sources for water capture and release, enhancing resource utilization.



Spatial orientation of your water footprint

WATER BALANCE DASHBOARD

Clear, Actionable Insights at a Glance

- Comprehensive Indicators: Present key water balance indicators, such as consumption, use, and release, through clear graphs and numbers.
- Consolidated Data: View consolidated indicators for specific periods and units, simplifying data analysis.
- Real-Time Monitoring: Simultaneously monitor multiple indicators to stay informed of your water usage status.
- Preventive Actions: Empower your team to take preventive actions rather than just corrective measures, ensuring better water management.



Visualize, understand, report key KPI's

BOOK A DEMO Please visit www.waterservicestech.com

Visual Water Balance

Manage the Interconnectivity of Your Water Use

Visual Water Balance (VWB) software is an easy-to-use, all-in-one solution that empowers mine managers to independently build and maintain their water balance without needing third-party consultants. With intuitive water circuit mapping, real-time dashboards, and comprehensive reporting, VWB offers full visibility into water usage, abstraction, and discharge, ensuring cost efficiency, regulatory compliance, and long-term sustainability. This tool equips mines to make informed, data-driven decisions that optimize operations and reduce risks.

Powerful, yet easy-to-use: A highly intuitive software with features that mine water managers understand.

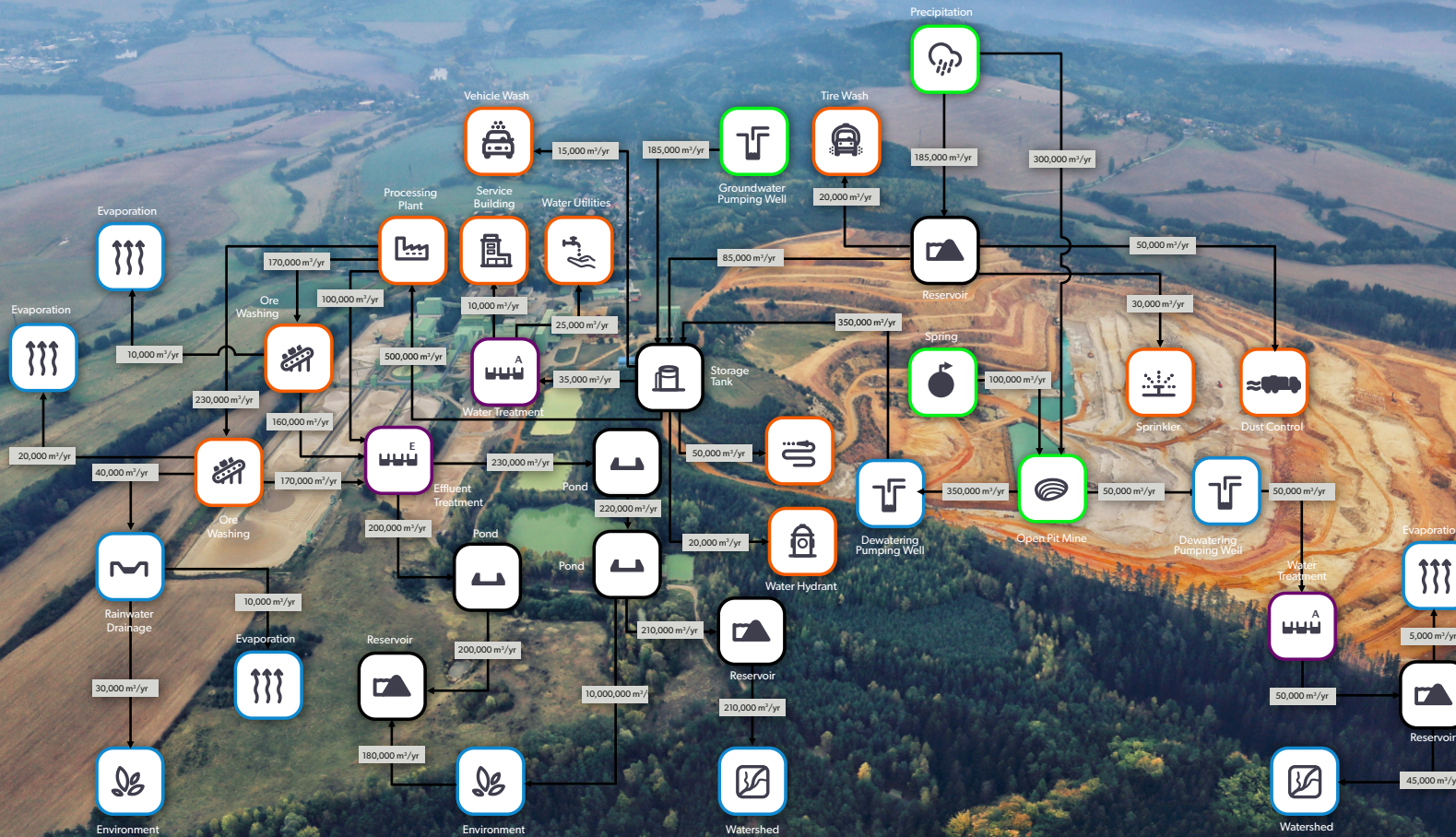
Dynamic, real-time insights: Provides immediate outcomes, allowing managers to make decisions on the fly.

Optimized water management: Reduces costs, ensures compliance, and prevents stoppages.

All-in-one solution: Water circuit mapping, dashboards, and reporting in one tool.

BOOK A DEMO

Please visit,
www.waterservicestech.com



■ SOURCE ■ USES ■ STORAGE ■ DISCHARGE ■ TREATMENT ■ TRANSPORT

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