SAM IS™

Smart Asset Management and Inventory System by VHB

How are you tracking MS4 compliance?

SAM IS™ offers a modern solution for MS4 compliance using the latest in cloud technology, a user-friendly interface, and automated dashboards to produce charts, maps, and reports that help you track and share your MS4 progress. The SAM IS™ Stormwater module assists with compliance with each of the **six Minimum Control Measures (MCMs) in the MS4 permit** and includes:
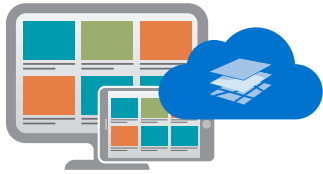
» Stormwater system database structure, including outfalls, catch basins, manholes, pipes, subsurface structural best management practices (BMPs), surface BMPs, channels (i.e., swales or ditches), and culverts

» Work order functionality to streamline field assignments, prioritize work based on condition, track progress, and integrate with mobile data collection tools

» Mobile data collection tools to collect inspection and maintenance operations in the field, including illicit discharge detection and elimination (IDDE) outfall screening and catchment investigations

» Map-based interface loaded with environmental layers such as watershed Total Maximum Daily Loads (TMDLs), impaired waters (including pollutants), FEMA floodplains, and outstanding resource waters

» Document library to store MS4-related files, including the Stormwater Management Program (SWMP), outreach and education materials, and annual reports

» Editable calendar of upcoming MS4 due dates and ongoing compliance efforts

» Report templates to export information from SAM IS™ for Notice of Intent, SWMP, and annual report submissions

MCM 1:
Public Education and Outreach

MCM 6:
Good Housekeeping

MCM 2:
Public Involvement

MCM 5:
Post-Construction Site Runoff Control

MCM 3:
Illicit Discharge Detection Elimination

MCM 4:
Construction Site Runoff Control

Our software solution can help:

» Organize all your stormwater asset data and compliance documentation in one place

» Prioritize, track, and follow up on IDDE inspections

» View and share high-level compliance progress and system condition information

» Schedule and plan maintenance activities

» Track work completed in the field

» Justify budget requests with data

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Data organization

Log in to the secure **web-based portal** from any computer or tablet.

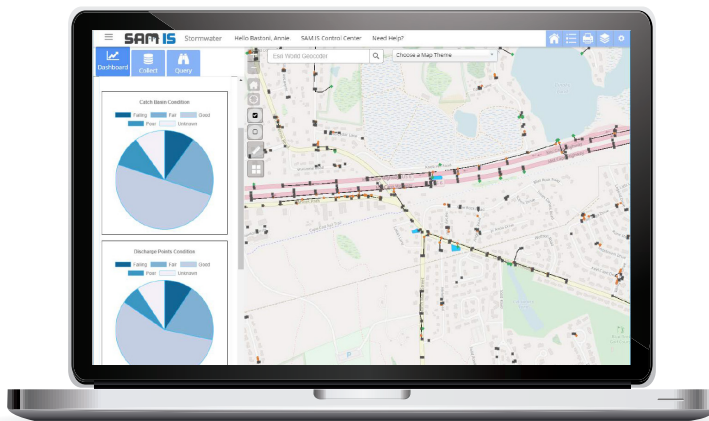**Leverage your existing data** and then add, update, or maintain your data using *ArcGIS Online*.

Proactively **analyze** your assets. **Build scenarios** to explore future conditions.

Schedule inspections, **manage** maintenance needs, and **monitor** improvements identified in the analysis or by the user. Use the data to justify **budget** requests.

SAM IS™ can help you store relevant information on our drainage network in a database, as well as in charts and graphs. This information is easily accessible every time you open SAM IS™ and is available to export and print to communicate with stakeholders and track progress. SAM IS™ will allow you to view and update the following information, based on data availability:

» Current condition of all assets

» Photos and plans attached to assets

» Assets that require follow up, either for IDDE or maintenance

» Status and progress of work orders

» Maintenance and repair history

» Discharges to critical areas, impaired waters, and TMDL watersheds

Compliance with the six MCMs of the MS4 permit is easier with SAM IS™.

Schedule a demonstration

to see how we can help you with MS4 compliance.

www.samisbyvhb.com

As a Software as a Service product, SAM IS™ will be continually updated, and subscribers will automatically receive updates to their system. Version 1 of the SAM IS™ Stormwater module is currently available to users. Functionality planned for future versions of this module includes:

» Catchment delineations by outfall to assist with prioritization and system vulnerability factor identification

» Outfall ranking based on IDDE MS4 requirements

» Budget development for drainage system maintenance and MS4 compliance

» Comprehensive annual report document template, complete with data compilation and prompts for narrative updates

» Culvert condition inspections

» Facility inspections for good housekeeping MS4 compliance

» Catch basin cleaning and street sweeping tracking and optimization

» Pollutant load reduction calculator and tracking tools for BMPs

vhb.