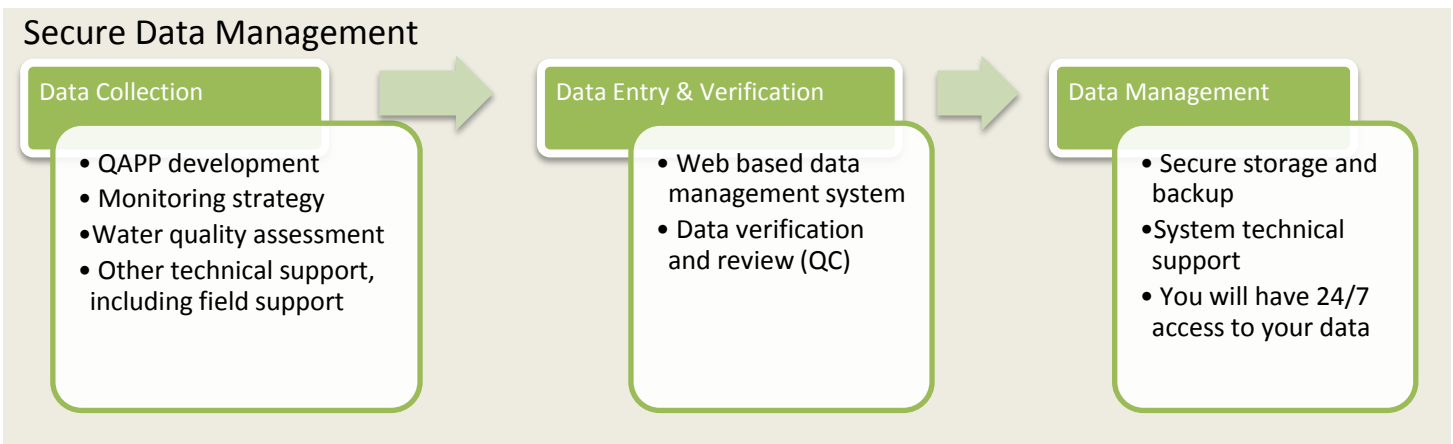


**MCGINNIS AND ASSOCIATES, LLC**  
**ENVIRONMENTAL INFORMATION MANAGEMENT SYSTEMS**  
**With Water Quality Exchange (WQX) Support**

Managing environmental data can be a daunting task for any organization. Each new project brings more databases and more spreadsheets. Storing and maintaining this ever growing collection of data distracts from more important jobs both managerially and financially. Integrating data from various projects for reporting and compliance can be a mess. McGinnis and Associates, LLC is offering a new set of tools to help our clients quickly and easily store, analyze and share environmental data and meet CWA 106 requirements.

The environmental information management system packages available include secure data storage, data-entry tools and services, mobile application development, advanced analytical and statistical support and Water Quality Exchange (WQX) integration.

### ENVIRONMENTAL INFORMATION MANAGEMENT SYSTEM



### DATABASE MANAGEMENT AND DATA MANAGEMENT TOOLS

Our information management specialists create custom databases with robust database management tools for your company or organization to enter and maintain all of your environmental data in one system. The expertise McGinnis and Associates, LLC has in environmental science, engineering and information management will allow us to design a data management system that will let your organization extract the maximum benefit from your data, while at the same time offering data security, backup and verification.

#### QUALITY ASSURANCE PROJECT PLAN (QAPP) DEVELOPMENT

McGinnis and Associates, LLC expertise in environmental science and engineering allows us to provide your organization with experience and knowledge to develop comprehensive QAPP documentation in line with EPA standards. McGinnis and Associates, LLC has developed a wide range of QAPPs from pesticides to rad.

#### TECHNICAL SUPPORT

Full technical support will be provided in developing your program and data collection methodology in the office, field and lab.

## DATA VERIFICATION AND REVIEW (QC)

Our experienced team provides data verification and review, flagging errors to help provide accurate data.

## SECURE DATA STORAGE

Your information management system will be securely stored in a database designed specifically for your organization. The database will be password protected and provide user management in order to allow more secure use of the data.

## ROUTINE DATA BACK-UP

Your data will be backed up routinely. In the event of data loss or corruption, McGinnis and Associates, LLC will work with you to restore your uncorrupted data.

## DATA MANAGEMENT TECHNICAL SUPPORT

Technical support for all aspects of your environmental information management system will be available.

## DATA ENTRY PACKAGES

### Basic Data Management + Electronic Field Data Collection

#### Data Collection

- QAPP development
- Water quality assessment
- Other technical support, including field support
- Monitoring strategy
- **Data entered by your team in field**

#### Data Verification

- Data verification and review (QC)

#### Data Management

- Secure storage and backup
- Web based data management system
- You will have 24/7 access to your data

## MOBILE APPLICATION IMPLEMENTATION FOR ELECTRONIC DATA COLLECTION IN THE FIELD

McGinnis and Associates, LLC is also capable of providing web based application support for data entry in the field. Even if you will not have internet access in the field, our applications are capable of storing data on your device until an internet connection is available.

### Basic Data Management + Data Entry Services

#### Data Collection

- QAPP development
- Water quality assessment
- Other technical support, including field support
- Monitoring strategy

#### =Data Entry & Verification

- **Data entered by our team**
- Data verification and review (QC)

#### Data Management

- Secure storage and backup
- Web based data management system
- You will have 24/7 access to your data

## DATA ENTRY SERVICE

The McGinnis and Associates data entry team quickly and accurately enters data into your database. Our team is extremely practiced at data verification and review, allowing us to flag errors during data entry.

## EPA WATER QUALITY EXCHANGE (WQX) INTEGRATION

Another service now available through McGinnis and Associates, LLC is the ability to upload your data into the EPA's WQX network. The knowledgeable and experienced staff of McGinnis and Associates, LLC will walk you through the Exchange application process. Once a member of the Exchange, our software can automatically format and upload any data we manage for you into the WQX network.

## DATA ANALYSIS PACKAGE

The data analysis package provides another more robust functionality. Your organization will have access to various analytical tools designed to help maximize the usefulness of your data. McGinnis and Associates can provide simple tools ranging from graphing utilities and basic statistical information to more complex, custom designed analytical and statistical packages.

Please contact us at [webmaster@mcginnisandassociates.com](mailto:webmaster@mcginnisandassociates.com) for pricing or any other inquiries.