MonitorPro and ALS

Improved Data Management Through a Digital Workflow

Many sites still lack suitable environmental data management systems and rely on spreadsheets and paper documents for data collection. This poses a significant risk of data input errors, loss or corruption, and incomplete/incorrect sampling.

MonitorPro supports using ALS eQuote and eCOC digital formats to simplify environmental data management. This improved workflow saves time, removes errors, and ensures accuracy and traceability.

Automation of Sample Templates

eQuotes are produced by ALS and digitally identify the analytical details requested by a client, ensuring the correct analysis is always scheduled. The eQuote includes:

- The parameters (variables), method of analysis (including LOD/RL), cost, and the containers for sampling and analysis.

These eQuotes can be accepted by MonitorPro automatically to create Sample Templates for reference in the Monitoring Scheduler. The eQuote resolution supports MonitorPro's aliasing and conditional aliasing system, meaning:

- Any variables that don't match the database's setup will be automatically resolved if an alias exists.
- In a scenario where an alias cannot be identified, this will be highlighted to the user for resolution, and once resolved, this will apply to all future imports.

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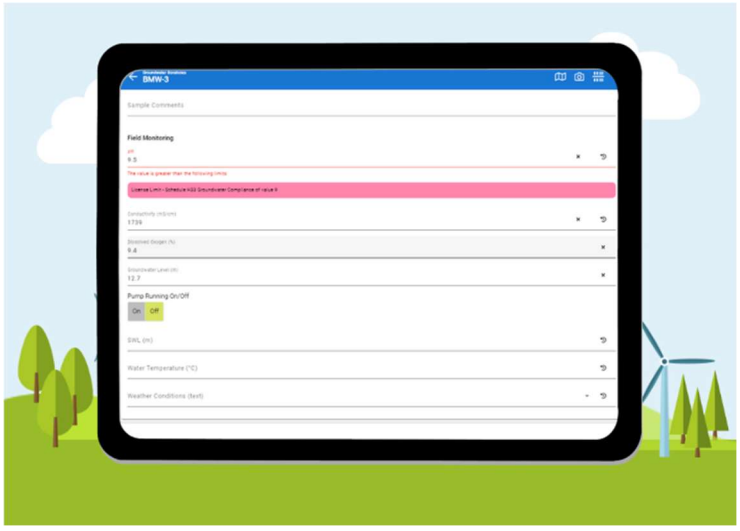
MonitorPro

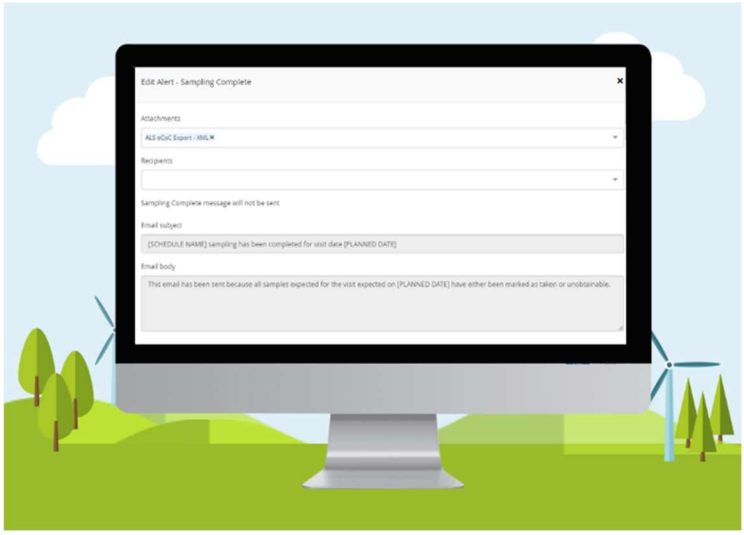
Improved Field Data Collection

- Once a Sample Template has been created in **MonitorPro's** Monitoring Scheduler, the variables required for collection and the sample containers required are identified in MP-Field.



- This clarifies what samples need to be collected without requiring paper documents and handwritten notes, which can increase the risk of human error.

- After the field data has been collected and the visit uploaded, it will automatically update the visit status in the Monitoring Scheduler, and an eCOC can be sent back to ALS with the information required.



- Removing the requirement of manual forwarding or data inputs into spreadsheet CoCs. Once ALS has completed the analysis, the results will be emailed back via the **MonitorPro** Email Importer and automatically uploaded into your database without needing resolution.

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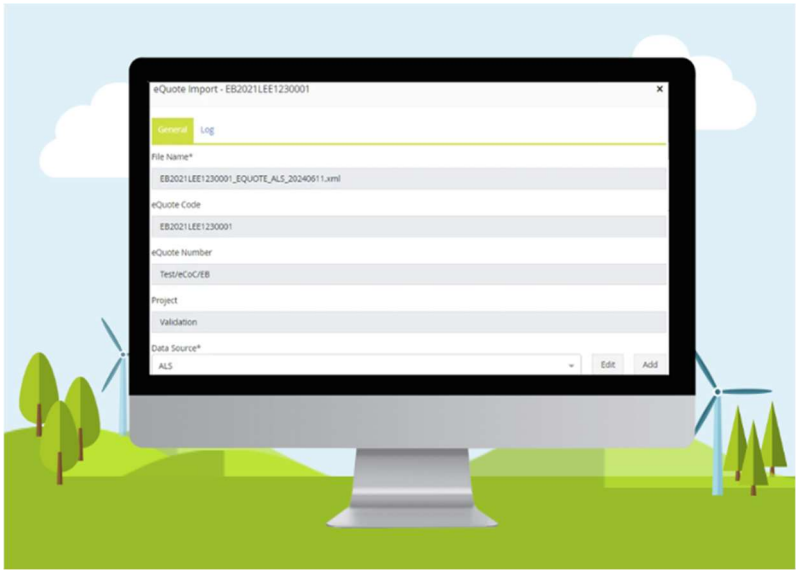
How Automation of eQuote and eCOC Through MonitorPro Improves Environmental Data Management

Removal of paper documents or spreadsheets:

- Paper forms and documents require manual data recording, potentially from multiple users, which can result in input errors or delays if users are absent. Automating this means results are available as soon as received, saving time and reducing transcription errors when handwriting chain of custody forms.



Automation of data upload:

- When the scheduling is managed via the eQuote and eCoC process, data resolution will be automatic. This saves the users a significant amount of time and removes errors in resolution. This allows users to better use their time for more meaningful analysis of data and the generation of required reports.

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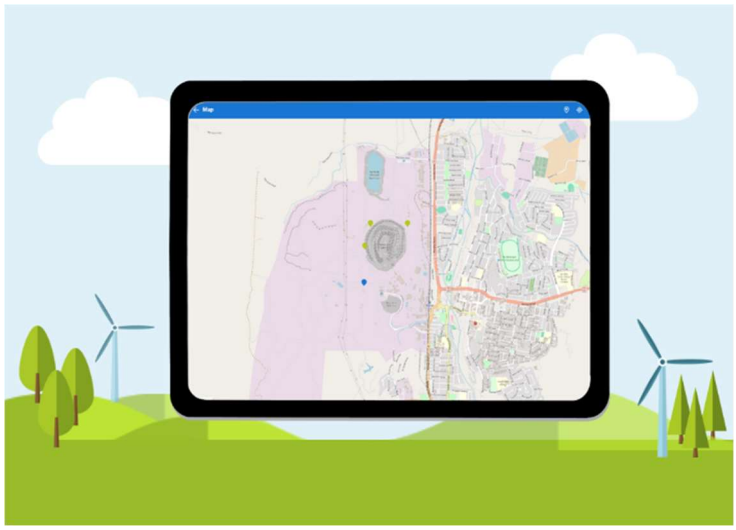
Improved tracking of data:

- The Monitoring Scheduler in MonitorPro ensures all the required samples are collected, and if a Sample Point is missed, this will be flagged. This provides the completeness of mandatory monitoring. Analysis requirements are correct due to the integration of the eQuotes.

Improved field data collection:

- Relying upon paper forms for field data collection has several disadvantages, including:
  - Incomplete requirements and updates not made available to the technicians.
  - Notepads being lost in the field.
  - Data collection points are missed as there was difficulty checking all monitoring locations that had been collected.
  - Writing in adverse weather conditions.
  -
- Electronic data collection in MonitorPro allows users to see what needs to be completed in MP-Field and what containers must be used to ensure correct analysis. Once the visit has been completed, it can be automatically uploaded to the database, removing the need to manually transcribe data post-event and the risk of data input errors. Data validation in MP-Field ensures data entry errors are minimised.



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