1 EnviroSys release notes: version 9.1 (November 2022)
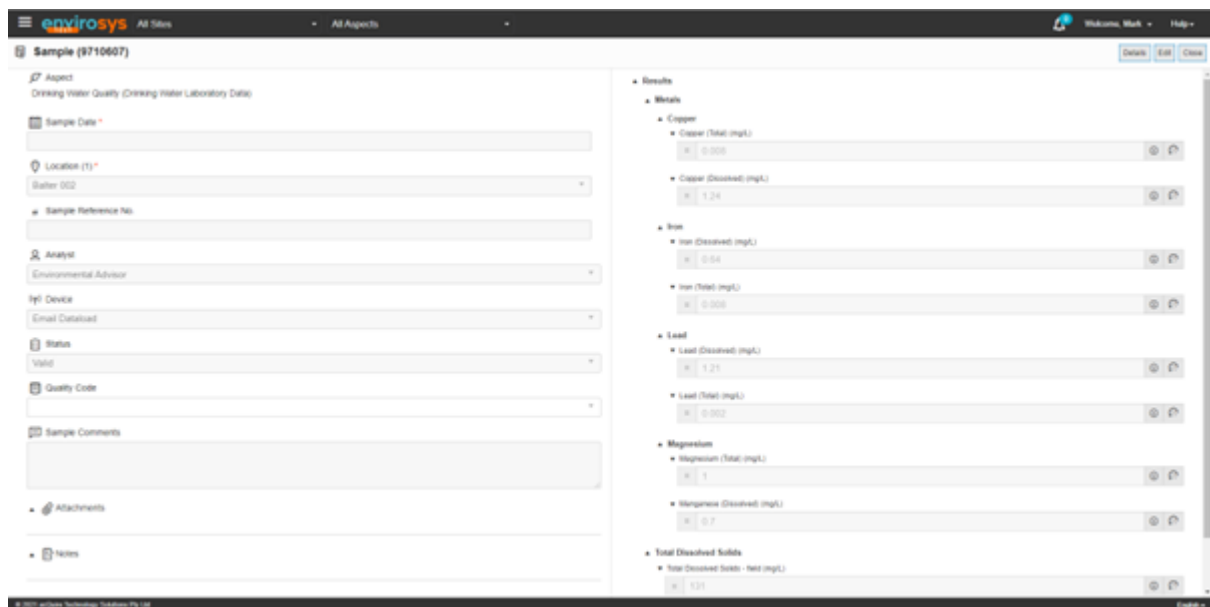
1.1 Highlights

EnviroSys version 9.1 has been released to address change requests and fixes. This release includes all previous changes and fixes from the previous release (9.0.2).

1.2 New features

1.2.1 Enter and edit data

Version 9.1 includes improvements to entering and editing data (Samples) in the EnviroSys client. All aspects of viewing and editing a Sample/Result have been unified in one screen from Data Views. Enter Data (New Samples) has also been enhanced to streamline the manual addition of data.

IMAGE: EnviroSys Edit Sample

View/edit Sample and Results

- From a Data View, clicking on the Sample date now opens new layout to edit all Sample and Result details together!

- Test Method display is aligned with hierarchies and ordered according to configuration (Test Method sequence within Parent Test).

- Missing results in a Sample can now be entered from a Data View.

- Attachments, Metadata and Notes can be updated.

- Results based on lists has been improved to support filtering, quick add and linked lists.

- Improved date picker for date/time fields, and memo field support.

- Improved saving process and validation of non-numeric Results and mandatory Test Methods.

Enter data

- Display/order per form configuration: Test Method Hierarchy, Alpha/Test Method sequence or as ordered in the Form configuration.

- Device, Analyst, Quality Code, Metadata and Notes can now be edited.

- Results based on lists improved to support filtering, quick add and linked lists.

- Improved date picker for date/time fields, and memo field support.

- Option to view Previous Values.

- Improved saving process and validation of non-numeric Results and mandatory Test Methods.

1.2.2   Data view

Data View improvements include:

- Improved performance for large datasets.

- Table now includes Attachment/Note/Metadata indicators. Enabled using **Show Extra Info Indicator** in **Display Options**.

- Table highlights invalid samples when applicable.

- Test Method sorting order uses Sequence within Parent Test where applicable.

- Non-numeric results can now be bulk updated.

- Improved searching for lookup results including contains search and invalid Sample/Results.

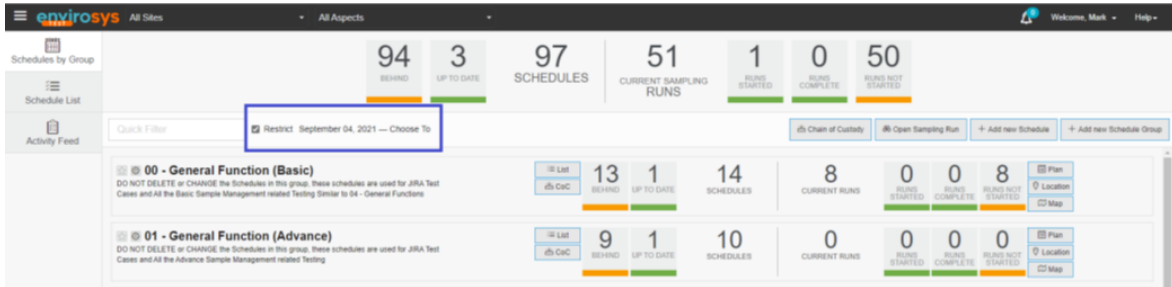**IMAGE: Data View with additional indicators**

1.2.3   Sample Management

Chain of Custody (CoC):

- New feature that allows bulk download or email of Chain of Custody from Schedule Group, Schedule List or a Schedule. A maximum number of documents to download permitted is configured with system parameter MAX_RUNS_IN_BULK_COC.

- Standard Format now includes the **All Tests** tab, which includes the list of all Test Methods that are required to be sampled at each Location. This tab is set to be non-printable.

- Single Container format now pages for Locations.

Other:

- Additional filter on the Dashboard to display Sampling Schedules that are 'behind' for a period and saved for your browser session:

- Added **Expand All/Collapse All** for Location Groups on the **Planning** tab of the **Schedule List** screen.

1.2.4 Compliance

Improvements based on user feedback include:

- Improve how the overall Status is displayed based on the latest assessment. This was previously based on all assessments for a Requirement. Document and Requirement lists now indicate how many overall assessments are compliant/non-compliant.

- Assessment option **Not Recorded** added to indicate assessment not completed.

- Allow revising of schedules linked to Compliance requirements.

- Automatic assessments now allow for schedule lag when applicable.

- User interface improvements including:

  ○ Hide the **Assessment Evidence** tab for manually assessed Requirements.

  ○ Consistent label terminology.

IMAGE: Document Compliance Status

1.3   Other improvements

Functionality	Description	Change number
Data Viewer Enter Data	Date Time Picker: Provide links to set Start time to midnight or End of day to 23:59 in the Date Time picker. Applies to Edit Sample and Enter Data for Sample Dates.	EN-9376
Platform - SQL Server	Remove requirement to install Microsoft SSMA as part of EnviroSys SQL Server installation. EnviroSys database functions and procedures now operate without extended stored procedures and call outs to SSMA DLLs.	EN-9100
Security	Various security improvements and fixes.	EN-8655

1.4   Fixes

The table below describes the EnviroSys fixes in this release.

Problem number	Problem correction	Subcategory
EN-8214	Edit Sample - Restrict Sample and Result Change Comment field length when editing to avoid error.	Data Viewer
EN-8708	Improve Security by restricting download file end points to the scope of EnviroSys application folders.	Classic interface Security
EN-9299	Amending and Activating Documents should not result in Assessments missing for Requirements.	Compliance
EN-9314	Data Entry Forms (EnviroSys client) should only highlight Guideline exceedances that are applicable at selected Locations.	Data Entry Forms
EN-9327	Ensure Aggregation processing does not duplicate Sample Change History entries.	Aggregations - Calculations
EN-9362	Ensure Null or blank results are not included in Sample Management completeness.	Sample Management
EN-9370	Monitoring Overview - remove links for items that have no action.	Administration and Settings User interface
EN-9419	Improve the performance of the Data Input Console Feed tab by eliminating the need to join the Samples and Results tables.	Data Input Console Performance
EN-9481	Data Views Bulk Update of Sample comments corrected on Oracle database.	Data Viewer
EN-9491	Data Entry Forms should be rendered correctly in EnviroSys and Mobile if sort alphabetically property is empty.	Data Entry Forms
EN-9511	Improve time for Dataload processing when determining which aggregations to trigger in post processing.	Data Loading Performance
EN-9531	Custom Report wizard should not error when user clicks **Add Guideline** and there are no Guidelines available.	Classic interface Reporting
EN-9533	Do not display Data Entry Forms that have no active Sample Points for EnviroSys and Mobile Forms.	Data Entry Forms Mobile Application - Enter Data
EN-9594	Test Methods should not be saved with blank Code Type (i.e. empty string).	Administration and Settings

Problem number	Problem correction	Subcategory
EN-9672	Display Site/Aspect Filter to restrict the Data View list.	Data Viewer
EN-9681	Only authenticated/authorised users should be able to access EnviroSys Reports if the ReportShow endpoint is accessed directly.	Reporting Security
EN-9682	Access to export and logs folders should be restricted.	Quality Assurance Security
EN-9685	Ensure generic message is always displayed for **Forget password** when username does or does not exist.	Security
EN-9690	Edit Sample/Enter Data: ensure any Text field over the field limit is validated and does not cause an error on save.	Data Entry Forms Data Viewer
EN-9697	Changed to include runs for a pending revision in Sampling Run list.	Sample Management
EN-9698	Ensure all Locations received counts for the Sampling Run are set correctly when new data is received, including Locations on-hold.	Sample Management
EN-9702	Data Type - Result Sequences: adjusting Test Method sequence numbers should not modify the Test Method names when saved.	Administration and Settings
EN-9703	Audit details (modified date) should not be updated for a user during log in.	Security
EN-9704	Ensure MS Excel files using the **Upload** button are processed.	Data Input Console
EN-9723	User with a valid seat in my.acquire.com.au is unable to log in to EnviroSys. Ensure all the users configured for the organisation in my.acquire.com.au are returned.	Licensing
EN-9724	For EnviroSys login, always display invalid user/password error for invalid password before invalid licence check.	Licensing Security
EN-9734	Remove Security Groups from Component Security. Users can be directly allocated to Form components or Custom Reports.	Data Entry Forms Reporting Security
EN-9740	When revising/correcting a Schedule, the **Activate** tab should display "Amend... OR Correct..." message when the Sampling window has been modified.	Sample Management
EN-9745	Maintain Results should handle the saving of multiple Result Change History records when Result value exceeds Guideline and Test Method exceedance.	Classic interface
EN-9798	Background Engine on start-up will reset Compliance Assessments schedules that are in a status of calculated or do not have a pending Assessment.	Compliance
EN-9800	Sample and Result count fields/columns should be reset when data is unloaded.	Data Input Console
EN-9804	For Automatic Requirements, the **Assessments - Result Status** tab is not displayed correctly when there are more than eight locations.	Compliance User interface
EN-9838	A Report Object added using the **Add New** button should display on the **Maintain Report Pages** screen.	Reporting
EN-9863	Action Management - Unable to open Action Settings (from the Notification icon in the masthead) after you have navigated to Sample Management, AOC or Data Browser.	Action Management

Problem number	Problem correction	Subcategory
EN-9868	Opening URL links from Attachments should not append the EnviroSys URL.	Action Management
EN-9884	Dataload Engine should flag Sampling Runs that need to be recalculated when property RESULT_TYPE_LOV_ID is set by the **Dataset Definition** screen.	Sample Management