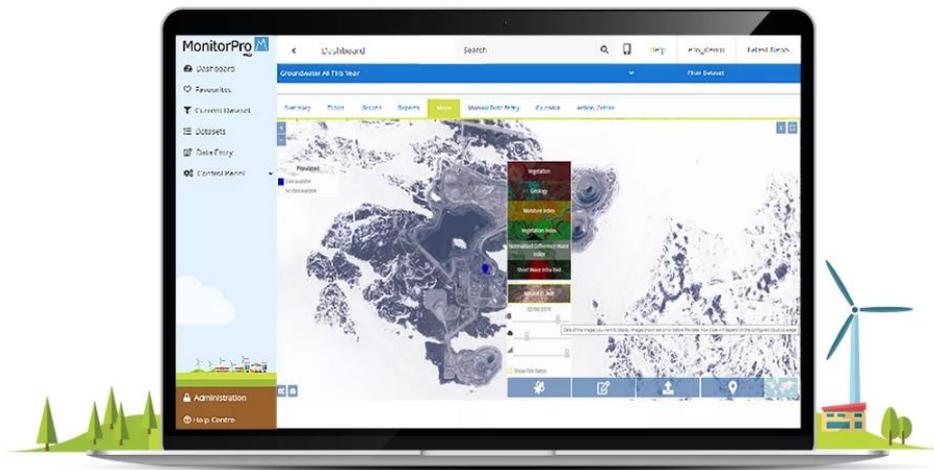


# MonitorPro



## MonitorPro Release Notes

V17.0



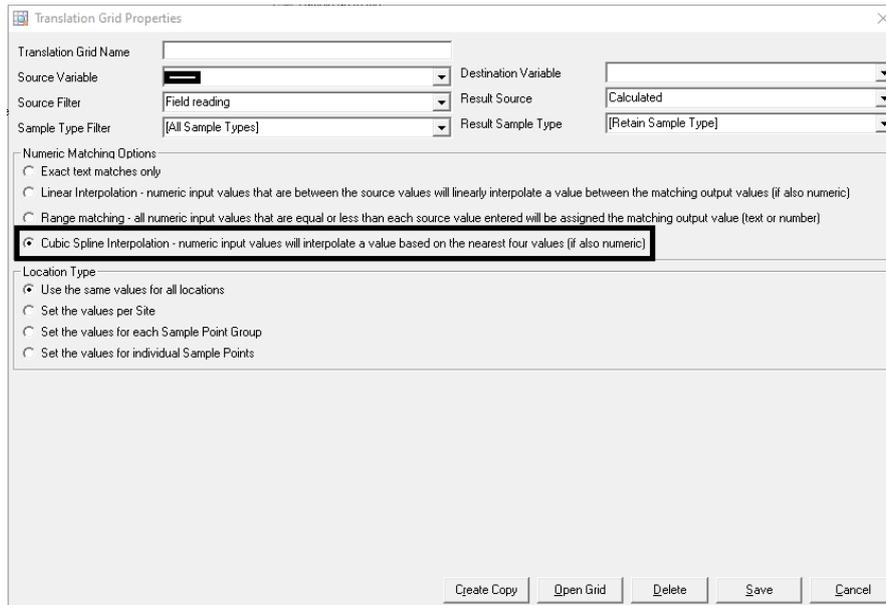
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# MonitorPro Desktop

## Translation Grids – Cubic Spline Interpolation

Translation Grids now support Cubic Spline Interpolation. This function can be used to establish interpolation between two points which are not linear. Typical applications would when converting staff gauge readings to volumes for ponds or lagoons which have curved sides.



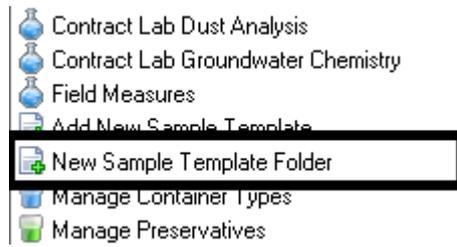
The image shows a screenshot of the "Translation Grid Properties" dialog box. The dialog has several sections:

- Translation Grid Name:** An empty text field.
- Source Variable:** A dropdown menu with "Field reading" selected.
- Destination Variable:** An empty text field.
- Source Filter:** A dropdown menu with "Field reading" selected.
- Result Source:** A dropdown menu with "Calculated" selected.
- Sample Type Filter:** A dropdown menu with "[All Sample Types]" selected.
- Result Sample Type:** A dropdown menu with "[Retain Sample Type]" selected.
- Numeric Matching Options:** A group box containing four radio button options:
  - Exact text matches only
  - Linear Interpolation - numeric input values that are between the source values will linearly interpolate a value between the matching output values (if also numeric)
  - Range matching - all numeric input values that are equal or less than each source value entered will be assigned the matching output value (text or number)
  - Cubic Spline Interpolation - numeric input values will interpolate a value based on the nearest four values (if also numeric)
- Location Type:** A group box containing four radio button options:
  - Use the same values for all locations
  - Set the values per Site
  - Set the values for each Sample Point Group
  - Set the values for individual Sample Points

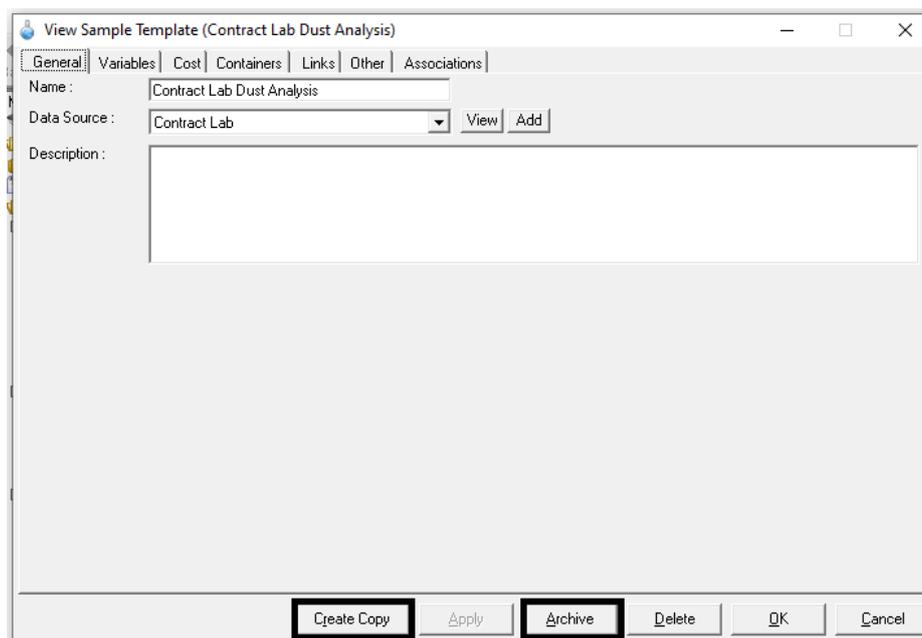
At the bottom of the dialog, there are five buttons: "Create Copy", "Open Grid", "Delete", "Save", and "Cancel".

## Sample Templates

Sample Templates can now be managed using folders.

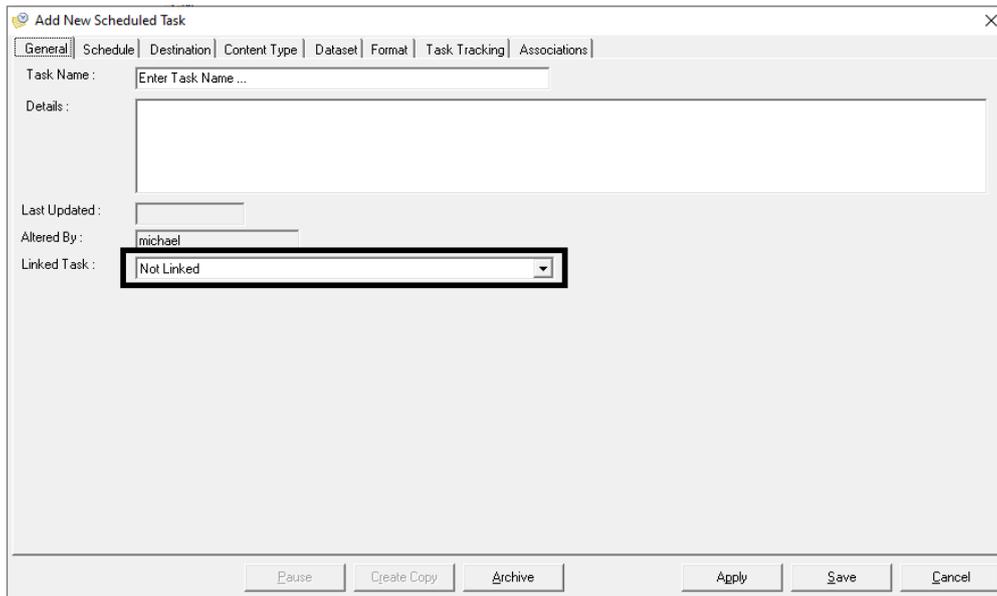


Sample Templates are now able to be archived and Copied.

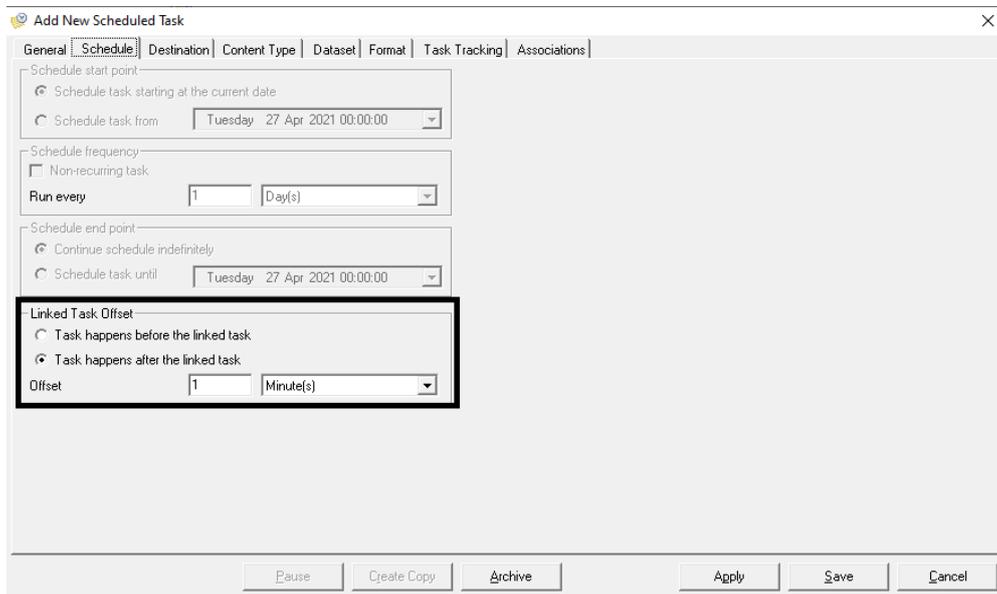


## Hierarchical Scheduled Tasks

Scheduled Tasks can now be linked with the ability to add an offset that determines how long before or after one Task will happen based upon the other. This can be used to create follow on Tasks and makes the process of setting up Tasks associated with MonitorPro Obligations.



The screenshot shows the 'Add New Scheduled Task' dialog box with the 'General' tab selected. The 'Task Name' field contains 'Enter Task Name...'. The 'Details' field is empty. The 'Last Updated' field is empty. The 'Altered By' field contains 'michael'. The 'Linked Task' dropdown menu is highlighted with a black box and contains the text 'Not Linked'. The dialog box has buttons for 'Pause', 'Create Copy', 'Archive', 'Apply', 'Save', and 'Cancel' at the bottom.



The screenshot shows the 'Add New Scheduled Task' dialog box with the 'Schedule' tab selected. The 'Schedule start point' section has 'Schedule task starting at the current date' selected. The 'Schedule task from' dropdown shows 'Tuesday 27 Apr 2021 00:00:00'. The 'Schedule frequency' section has 'Non-recurring task' unchecked and 'Run every' set to '1 Day(s)'. The 'Schedule end point' section has 'Continue schedule indefinitely' selected. The 'Linked Task Offset' section is highlighted with a black box and shows 'Task happens after the linked task' selected with an 'Offset' of '1 Minute(s)'. The dialog box has buttons for 'Pause', 'Create Copy', 'Archive', 'Apply', 'Save', and 'Cancel' at the bottom.

# MonitorPro Web

## Scheduled Tasks

Scheduled Tasks (and Task Records) can now be managed entirely from MP-Web.

**Add Scheduled Task**

General **Schedule** Destination Content type Dataset Format Task tracking

Schedule start  
 Schedule task starting at current date  
 Schedule start point

Reoccurring  
 Non-recurring task

Run every\*  
1 Hours(s)

Schedule End  
 Continue task indefinitely  
 Schedule task until

Linked Task Offset  
 Task happens before the linked task  
 Task happens after the linked task

Offset\*  
1 Hours(s)

\* Required

Save Cancel

## Contacts

Contacts can now be managed entirely within MP-Web.

**Contacts** [Add Contact](#)

Active Deleted

Search

Name	Emails	Users	Edit
Ernest Rutherford		Ernest Rutherford	Edit
Edmund Hillary		Edmund Hillary	Edit

## Email Alerts

Emails Alerts can now be managed entirely within MP-Web.

**Email Alerts** [Add Email Alert](#)

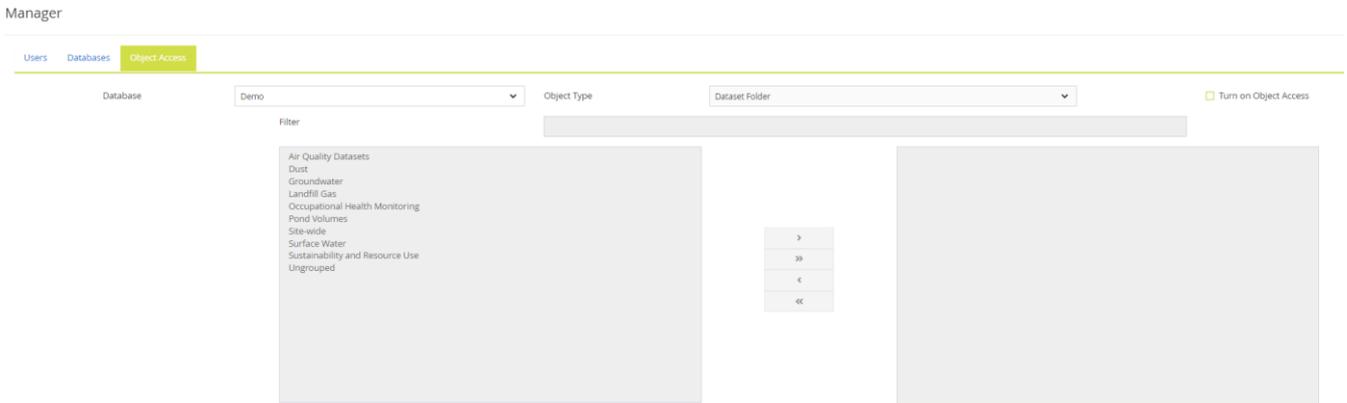
Active Deleted

Search

Name	Edit
Groundwater breach alert	Edit

## Dataset Management

The way in which Datasets are managed has been improved, giving greater control and configuration in MP-Web. MP-Web Administrators can now manage Datasets into Folders for easier distribution to users. The Admin area for Dataset management has also be revised to allow allocation of access from the User or Role directly, including via Dataset Folders.



## SSO Support

MP-Web now supports Single Sign-On Functionality, using Microsoft Azure and SAML 2.0.



## Object Permissions

Obligations can now be assigned Via object access within Usergroup. This enables collaborating teams to access the Obligations they are responsible for without access to those which they are not. The framework will continue to be rolled out to newly added functionality in the coming releases to allow for refined access to Objects such as Compliance, Tasks and Schedules.

### User Group : Access to Environmental Authorisation

The screenshot shows a web interface for configuring object access. At the top, there are two tabs: 'General' and 'Object Access', with 'Object Access' being the active tab. Below the tabs, there is a section for 'Object Type' with a dropdown menu set to 'Obligation Group'. To the right of this is a checkbox labeled 'Turn on Object Access' which is checked. Below these is a 'Filter' input field. The main area is divided into two panes: the left pane is titled 'Ungrouped' and contains a list of items (currently empty), and the right pane is titled 'Environmental Authorisation' and is also empty. Between the panes are four arrow buttons: a single right arrow, a double right arrow, a single left arrow, and a double left arrow. At the bottom left is a 'Delete' button, and at the bottom right are 'Save' and 'Cancel' buttons.

## Hyperlink Uploads

All Hyperlink Dropdowns now have an Upload Button next to them, meaning files can be uploaded and added into the list of hyperlinks when needed directly.

The screenshot shows a form titled 'Obligation: Environmental Authorisation Draft Part B'. The form contains several fields: 'Name\*' with the value 'Environmental Authorisation Draft Part B', 'Type\*' with a dropdown set to 'Permit', 'Reference Number' with 'MIN102700011', 'Regulatory Body\*' with a dropdown set to 'EPA', 'Issue date\*' with '01/01/2010' and a calendar icon, 'Review date' with '01/01/2016' and a calendar icon, 'HyperLink' with 'Draft EA Permit - WindyHollows x' and an upload button (a square with a downward arrow) highlighted by a black box, and 'Group' with 'Environmental Authorisation x'. Below these fields is a 'Comments' text area. At the bottom left is a 'Delete' button, and at the bottom right are 'Back' and 'Update' buttons.

## Email Log

A page for email logs has been included into MP-Web. This page lists all emails, allows the view of attachments and ability to resend the emails.

Email Log

Date range:

Subject	Creation Date	Recipients	Status	Type	Item	Edit
Schedule H33 Quaterly En...	04/29/2021 5:29:16 PM	EHS Support	Retrying	Scheduled Task	Schedule H33 Quaterly En...	Edit

« < Page 1 of 13 > »

Permanent Failure    Successful    Retrying    Pending

## Mapping Areas Data Summary and Graphing

Sample Point Areas now display a data summary table as well as the graphing capabilities. This enables users to quickly trend combined areas or aggregations of Sample Points such as borefields.



## Office 365 OAuth 2.0 Support

Office 365 is now supported within the Email Account Settings.

### Incoming Server Settings

Authentication	<input type="text" value="Exchange Online"/>
Client Id	<input type="text"/>
Instance Id	<input type="text"/>
User Id	<input type="text"/>
Certificate Thumbprint	<input type="text"/>
Only download emails received after	<input type="text" value="4/25/2021 12:01:00 PM"/>
Remove emails from server?	<input type="checkbox"/>

### Outgoing Server Settings

Same as Incoming Server Settings	<input type="checkbox"/>
Authentication	<input type="text" value="Plain Text"/>
Account Name	<input type="text" value="Account Name"/>
Password	<input type="text" value="Leave password box blank to keep existing"/>
Encryption	<input type="text" value="SSL"/>
SMTP Server	<input type="text" value="SMTP Server"/>
Outgoing Port	<input type="text"/>
Name on outgoing emails,	<input type="text" value="Name on outgoing emails"/>
Email on outgoing emails	<input type="text" value="Email Address"/>

## MP-Field Visual Redesign

MP-Field has been visually redesigned.

← SW21 - No Sample Type 🔍 📄 ⋮

---

Visit Date - 14 Apr 2021 To 13 Jul 2021  
4/27/2021 🗓

---

Time  
14:31 🕒

---

Sample Taken  
Pending -

---

Sample Type  
No Sample Type -

---

Sample Reference

---

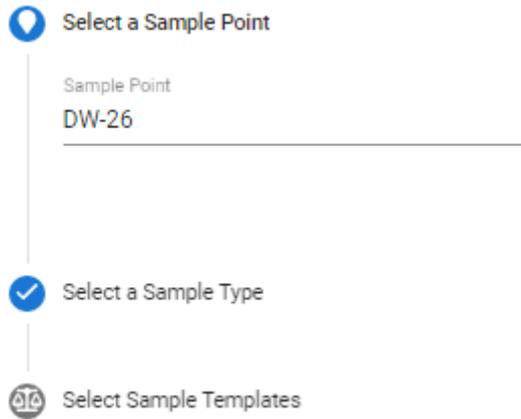
Sample Comments

---

← Previous Next →

## MP-Field – Ad-Hoc Sampling

Users are now able to add in new Samples to an existing visit within MP-Field. Users can now choose the locations (Sample Points), analysis (Sample Templates) and the Sample Types (non QA/QC) while in the field and without a connection to the database.



## MP-Field – QA/QC Allocation

Users now have the ability to undertake QA/QC against a different location than scheduled, while in the field. This enables the user to adapt the sampling to the requirements in the field such as a dry location or access issues.

← Add QA/QC

Sample Point

- BMW-1
- DMW-1
- DMW-2
- +MG2-1b**
- + Add Travel Blank

<b>BMW-3</b> Groundwater BH Completion: 0%	
<b>BMW-1</b> Groundwater BH Pending Completion: 0%	No Sample Type
<b>DMW-1</b> Groundwater BH Pending Completion: 0%	No Sample Type
<b>DMW-2</b> Groundwater BH Pending Completion: 0%	No Sample Type
<b>MG2-1b</b> QA/QC 3 Pending Completion: 0%	MG2-1b

