MonitorPro

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	Bitered Dataset, Castobard, MA-Field, Control Rinnel	Administration		=1 (stated quere)	
	Groundwater Metals for last year		Cu Circuit dwaller Anklage Mi	rret belikaet (brief 🔹 🗳	
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	N .	Average - Sample Point by Variable (Last Complete Yea		•	
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MonitorPro Release Notes v15.0



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Improvements

MonitorPro Web

Calendar

 Comments and Hyperlinks are now available to Add / View respectively within the Scheduled Task Calendar View.

ent Details	
	Scheduled Task
Name Date	Air Quality Reports Friday, 07 June 2019
Task run	07/06/2019 00:00:00
Assigned User	michael
Due date	07/06/2019 00:00:00
Complete	
Completed on	
Comment	
HyperLink	Select some options
Status	Task ran and sent email with attachment
Status detail	Task ran successfully and sent email with attachment to: michael.white@ehsdata.com;

Dashboard

bligation Status (Environmental Authorisation Draft	t Part B - Current Year)		🛛 🖉 🗙
Compliance	Monitoring Schedules	Scheduled Tasks	
93%	3%	6%	
	Compliance Details		
oblighter of a dialog		Bernelter	
Obligation Condition	Data Points	Breaches	% N/A
dddsss2		Breaches N/A N/A	% N/A N/A
dddsss2 dw	Data Points N/A	N/A	N/A
-	Data Points N/A N/A	N/A N/A	N/A N/A
dddsss2 dw Landfill Gas Compliance	Data Points N/A N/A 744	N/A N/A 148	N/A N/A 80%
dddsss2 dw Landfill Gas Compliance Schedule B3 - Stack Emissions Schedule B6 - Residential Ambient Air	Data Points N/A N/A 744 0	N/A N/A 148 0	N/A N/A 80% 100%
dddsss2 dw Landfill Gas Compliance Schedule B3 - Stack Emissions Schedule B4 - Residential Ambient Air Schedule C24 - Mineral Concentrate Management	Data Points N/A N/A 744 0 3997	N/A N/A 148 0 1217	N/A N/A 80% 100% 70%
dddsss2 dw Landfill Gas Compliance Schedule B3 - Stack Emissions	Data Points N/A N/A 744 0 3997 53695	N/A N/A 148 0 1217 1844	N/A N/A 80% 100% 70% 97%
dddsss2 dw Landfill Gas Compliance Schedule B3 - Stack Emissions Schedule B4 - Residential Ambient Air Schedule C24 - Mineral Concentrate Management Schedule C33 - Bio-Remediation Pads	Data Points N/A N/A 744 0 3997 53695 N/A	N/A N/A 148 0 1217 1844 N/A	N/A N/A 80% 100% 70% 97% N/A
ddass2 dw Landfill Gas Compliance Schedule B3 - Stack Emissions Schedule B4 - Residential Ambient Air Schedule C43 - Bio-Remediation Pads Schedule C43 - Bio-Remediation Pads	Data Points N/A N/A N/A 744 0 3997 53695 N/A 1704	N/A N/A 148 0 1217 1844 N/A 892	N/A N/A 80% 100% 70% 97% N/A 48%

• Obligation Status Widget is available to be added to Dashboards.

Dataset

• Multi-Site Sample Point Groups are now supported within the Dataset Editor.



Graphing

• Line Graphs are able to be summarised in Graphing directly and within a Graphing widget added to a Dashboard.



• Pie and Bar Chart data can now be viewed in a more detailed Line Graph.



• Line Graph data can now be viewed in a more detailed Table format.

estive Road - As														
Location 🔺	Sample Point 🔺	Variable	≜ Data	a Source		Date	*	Value	▲ Sample Refere ▲	Lab Reference	-	Sample Type 🛛 📤	Comments	
Dust Gauges	52 Festive Road	As (mg/kg/m2)	Co	ontract Lab	0	8/05/2019 00	:00:00	317				No Sample Type		
Dust Gauges	52 Festive Road	As (mg/kg/m2)	Co	ontract Lab	0	7/03/2019 00	:00:00	71				No Sample Type		
Dust Gauges	52 Festive Road	As (mg/kg/m2)	Co	ontract Lab	0	5/02/2019 00	:00:00	673				No Sample Type		
Dust Gauges	52 Festive Road	As (mg/kg/m2)	Co	ontract Lab	0	3/01/2019 00	:00:00	903.045				No Sample Type		

Object Management

 Variables are now able to be assigned a dedicated Colour. Graphing will use the colour assigned when plotting the variable.

Long Name				
Abstracted Water				
Short Name				
Abstracted Water				
Units				
mª				~
Colour				
Last updated				
18/04/2019 14:50	:13			
Altered By				
louis				
CAS Number				
Key Variable				

Obligations

• Obligation Grouping is now implemented.

Company Obligations								
Name	Ref Number	Туре	Reg Body	Issue date	Review date	HyperLink	Report	Calendar
BigMine Corp. Strategic Sustainability Targets	BMCSUS001	Corporate Standard	Corporate Management	01/09/2015	01/01/2016	BigMine Corp. Strategic Sustainability Targets		曲
Environmental Authorisation Draft Part B	MIN1027000112	Permit	EPA	01/01/2010	01/01/2016	Draft EA Permit - WindyHollows		曲
Environmental Authorisation Permit Part A	uksi 2010-675	Permit	Environment Agency	01/01/2014	01/06/2015	EA Permit		曲
Legal Obligations								

Hyperlinks are now able to be added to Obligation Conditions.

Obligation Condition	Comment	HyperLink	Dashboard	Analyse	
1. 25% total CO2 Intensity reduction	From a 2005 baseline, a 25% reduction in total (direct and indirect) carbon dioxide equivalent intensity by 2025; 35% by 2030.		Δ	A	Edit
2. 15% Reduction in energy intensity of concentrate	From a 2005 baseline, a 15% reduction in the energy intensity of Global Primary Products by 2025; 25% by 2030.		Δ		Edit
3. 30% freshwater intensity reduction	From a 2005 baseline, a 30% reduction in average freshwater-use intensity by 2020; 35% by 2030.		A	Δ	Edit
4. 50% landfill reduction	From a 2005 baseline, a 50% reduction in landfilled waste by 2020; 75% by 2030.		A	4	Edit
5.30% Land rehabilitation	Rehabilitate 30% of total weste rock storage areas by 2020; 40% by 2030.	Concentrate Storage Facility/2016-02-24-22- 47-001/08 Concentrate Storage Facility/2017-04-14-08- 21-431/08 EA Permit	Δ		Edit
sc new condition 3					Edit
c new condition 4					Edit

Mapping

 Mapping Area Template functionality is now implemented. This allows the ability to draw highlighted areas directly on to the map and assign User Defined Fields to it.



 Mapping User Defined Fields are now added and are used in tangent with Mapping Area Templates.



User Defined Fields

 User Defined Field have been overhauled. Typed fields are now implements. In addition, User Defined Fields now can be Grouped.

Field Tests Edit		
Name	Туре	Options
Soil Acidity	Number	
Tree Growth	Radio	Heavy Low Medium
Last Visit	Date	

MonitorPro Desktop

Calendar

 Comments and Hyperlinks are now available to Add / View respectively within the Scheduled Task Calendar View.

Emails

• Email Log, which shows a log of outgoing emails and allows resending, is now implemented.

liste Lo:					
					×
Air Quality Report					
13/05/2019 00:13:12		_			
Email	Status	Attempts	Last Send Attempt	Error Message	Resend
michael.white@ehsdata.com	Pending	0	13/05/2019 00:15:38		Resend
steven.coultas@ehsdata.com	Pending	0			Resend
t: "ehs_steven" <steven.coulta< td=""><td>is@ehsdata.</td><td>com></td><td>•</td><td>∆dd</td><td></td></steven.coulta<>	is@ehsdata.	com>	•	∆dd	
			Size (kB)		Open
ghting Report[2019.05.13.00.09.19].pd	f		10674.6		Open
	Air Quality Report 13/05/2019 00.12.12 Email michael white@ehsdata.com steven.coultas@ehsdata.com t: ""ehs_steven" <steven.coulta< td=""><td>Ar Quality Report 13/05/2019 00.13.12 Email Status michael white@ehsdata.com Pending steven.coultas@ehsdata.com Pending</td><td>As Quality Report As Quality Report 13/05/2019 00.13.12 Email Status Michael white@ehsdata.com Pending ateven.coultas@ehsdata.com Pending t: "ehs_steven" <steven.coultas@ehsdata.com></steven.coultas@ehsdata.com></td><td>As Quality Report As Quality Report 13/05/2013 00.13.12 Email Status Michael white@ehsdata.com Pending steven.coultas@ehsdata.com Pending t: "ehs_steven" <steven.coultas@ehsdata.com></steven.coultas@ehsdata.com></td><td>Air Quality Report 13/05/2019 00:13:12 Email michael white@ehadata.com michael white@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven! 'eha_steven!' <ateven.coultas@ehadata.com> Size (x8)</ateven.coultas@ehadata.com></td></steven.coulta<>	Ar Quality Report 13/05/2019 00.13.12 Email Status michael white@ehsdata.com Pending steven.coultas@ehsdata.com Pending	As Quality Report As Quality Report 13/05/2019 00.13.12 Email Status Michael white@ehsdata.com Pending ateven.coultas@ehsdata.com Pending t: "ehs_steven" <steven.coultas@ehsdata.com></steven.coultas@ehsdata.com>	As Quality Report As Quality Report 13/05/2013 00.13.12 Email Status Michael white@ehsdata.com Pending steven.coultas@ehsdata.com Pending t: "ehs_steven" <steven.coultas@ehsdata.com></steven.coultas@ehsdata.com>	Air Quality Report 13/05/2019 00:13:12 Email michael white@ehadata.com michael white@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven.coultas@ehadata.com etven! 'eha_steven!' <ateven.coultas@ehadata.com> Size (x8)</ateven.coultas@ehadata.com>

Factor Tables

• Column and Row Heading are now frozen, meaning they will always be visible when scrolling.

Sample Point	1/01/1995	13/06/2019	1 <mark>3/06/2020</mark>	13/06/2021	13/06/2022	13/06 <mark>/2023</mark>	13/06/2024	1
Air Monitoring Locat: Boile	.67	5.67	5.67	5.67	5.67	5.67	5.67	
Groundwater BH: BMW-1	.01	5.01	5.01	5.01	5.01	5.01	5.01	
G <mark>roundwater B</mark> H: BM <mark>W-3</mark>	.4	4.4	4.4	4.4	4.4	4.4	4.4	
Groundwater BH: DMW-1	.48	4.48	4.48	4.48	4.48	4.48	4.48	
Groun <mark>dw</mark> ate <mark>r BH: DMW-</mark> 2	1	7.1	7.1	7.1	7.1	7.1	7.1	
Ground <mark>w</mark> ate <mark>r BH: DW-2</mark> 0R	.4	7.4	7.4	7.4	7.4	7.4	7.4	
Groun <mark>dw</mark> at <mark>er BH:</mark> DW-26	.88	7.88	7.88	7.88	7.88	7.88	7.88	
Groun <mark>dwater</mark> BH: DW-27	.68	4.68	4.68	4.68	4.68	4.68	4.68	
Grou <mark>ndwater B</mark> H: DW-28	.74	6.74	6.74	6.74	6.74	6.74	6.74	
Gro <mark>undwater BH</mark> : DW-31	.94	7.94	7.94	7.94	7.94	7.94	7.94	
Gro <mark>und</mark> water BH: DW-32	.26	5.26	5.26	5.26	5.26	5.26	5.26	
Groundwater BH: DW-34	.6	5.6	5.6	5.6	5.6	5.6	5.6	
Groun <mark>dwater</mark> BH; DW-36R	0.48	10.48	10.48	10.48	10.48	10.48	10.48	
Groundwater BH: DW-39	2.58	12.58	12.58	12.58	12.58	12.58	12.58	
Groundwater BH: DW-40	2	12	12	12	12	12	12	
Groundwater BH: DW-41	.46	6.46	6.46	6.46	6.46	6.46	6.46	
Gro <mark>un</mark> dwa <mark>ter BH: DW-4</mark> 2	.8	7.8	7.8	7.8	7.8	7.8	7.8	
Grou <mark>nd</mark> wa <mark>ter BH: DW-4</mark> 9								
Grou <mark>ndwater BH: DW-50</mark> R								
Groun <mark>dwater BH:</mark> DW-51								
Groun <mark>dwater B</mark> H <mark>:</mark> DW-52								
Groun <mark>dwater BH:</mark> DW-53								
Groun <mark>dwater BH: DW</mark> -54								
Groun <mark>dwater BH: DW-5</mark> 5								
Groundwater BH: DW-56								
Groundwater BH: DW-57								
Groundwater BH: DW-58								Ϊ,
<							>	

Sample Templates

• Variables can now be ordered within Sample Templates.

eneral Variables Cost Containers Links Ot	er Associations	
Jnselected Variables woppies(monthly total)s (m3/hr STP) <script) alert("bang"\r="" script)<br="">1.25152341 ???? 221615 (mg/l) 2nd one 3rd time a new variable (") AA New Une Abstracted Water (m") AF(monthly total) (m3/hr STP) Af flow (m3/hr STP) Af alf w(manthly total) (m3/hr STP) Akalinity Bicatbonate (mg/l) Akalinity Carbonate as CaCO3 (mg/l)</script)>	Selected Variables Carbon Dioxide (%) Methane (%) Oxygen (%)	Abc
Jnselected Variable Suites Water Chemistry Weather Variables Dust Analysis Field Measurements Daily Stats Metals Noise measures Noise measures	Selected Variable Suites	

Sample Templates can now be ordered within Monitoring Schedules

	Other Associations	
Inselected Variables	Selected Variables	
woppies(monthly total)s (m3/hr STP) cscript aleft/bang't/script) 12.4-trichben (W/bx (Wxs) 125152341 ???? 221616 (mg/l) 2nd one 3rd time a new variable (') AA New One Abstracted Water (m') Affmonthly total) (m3/hr STP) Ar flow (monthly total) (m3/hr STP) Ar flow (monthly total) (m3/hr STP) Ar flow (monthly total) (m3/hr STP) Arklainty Bicabonate (mg/l) Aklainty Carbonate as CaCO3 (mg/l)	<pre>Carbon Dioxide (%) Methane (%) Dxygen (%) >> </pre>	t Abc \$
Unselected Variable Suites	Selected Variable Suites	
Water Chemistry Weather Variables Dust Analysis Field Measurements Daily Stats Metals Noise measures Cvanide measures		

Search

Lab Reference and Sample Reference are now part of the Search Functionality

		Search	×
1000176	New search	Search through the objects within MP-5 for anything matching the text entered below. You can use wildcards for missing characters. Use " to match anything, or ? to match a single character.	
		Search for : 1000176	
		Search all text fields of each object, not just for the name	
		Only show exact matches, not partial matches	
		<u>S</u> earch	Cancel

Translation Grids

• Translation Grids now displaying within the calculation roots of within data point properties.

Bug Fixes

MonitorPro Web

- Resolved an issue in which selecting the 'All Dates' option within the Dataset editor caused the 'Today' option to be set.
- Fixed a bug that caused the Email Import Tooltip for Attachments to not Display the complete filenames of the attachments.
- Fixed an defect Regarding Axis Setting within Graphing not being Culture Aware
- Rectified an issue in which graphing titles were being trimmed incorrectly.
- Fixed a number of Issues that caused incorrect behaviour when Editing / Deleting users.
- Resolved a defect where database name override suggestion would not display
- Rectified an issue regarding how PDF imports are processed.
- Fixed a bug that caused partially committed files to be highlighted the incorrect colour within the Importer Log
- Rectified an error that occurred when multiple graphs were batch printed.

MonitorPro Desktop

- Rectified a defect which caused the application to momentarily freeze when accessing the news feed.
- Resolved an Issue which caused previous visits to disappear if other visits were created ahead of time.
- Fixed an issue which caused the TLS Checkbox within Email Account Settings to not save correctly.
- Repaired a defect that meant contacts could not be removed from Scheduled Tasks.
- Rectified an Issue relating to Email Alerts successfully sending to recipients if a date format mismatch occurred.
- Resolved a bug in which logging of Auto Import Comment and Record Comment defaults were incorrectly registered.
- Selection Based Calendar should no longer error and drilling down to a user specific Monitoring Schedule Calendar view.
- Fixed a defect that caused ad hoc visits not to display in certain circumstances.

MonitorPro Field

- Rectified an Issue that caused attempted logins to MP-Field would intermittently fail.
- Fixed a defect that resulted in Sources not within a Sample Template would sometimes display in MP-Field Source List.
- Database names will now display correctly.
- Resolved a bug that caused an inability to download a Visit if it contained a Variable that was
 part of multiple Sample Templates.
- Rectified a defect in which Sample Points that had no Sample Type Assigned would be automatically assigned 'Duplicate'.

MonitorPro Service

- Rectified an Issue that caused files to be imported twice in rare occurrences.
- Resolved a bug that caused the Email Processor to rename files.
- Fixed a Defect that cause the service to stop connection attempts in certain circumstances.
- An error that occurred if the file path to a watched folder was too long has been corrected.
- Changes to how the Service incorrectly handled not finding files, have been implemented.

Version 15.0 has addressed 181 issues (both minor and major). There have been many areas of new functionality, improvements, and bug fixes. Major Improvements and Issues have been detailed in this document. Full details of all issues are available on request. All issues have been unit, peer and regression tested.