

Application Note

Rev 01

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AN51 - Using the Tank Level Monitor in IMS

Introduction

This document covers viewing your tank level data, creating alert notifications and configuring your IMS dashboard.

Viewing Tank Level Data in IMS

If you have not already, you must first sign into your IMS account from https://www.waterinsight.co.nz/.

Step	Process	Note
1.	 Select the dashboard button on the farm card to display the tank level status. 	Contraction of the end
2.	 The display will show Headline values at the top of the screen followed by individual sensor details. The screen can be customised to show all the sensors on the farm in a desired order 	✓ A ↑ C Q ♠ E Image: A formed by the formed by
		33.6mm 96.5% Tomorrow in tank 9.60°C
		09:00 Tank Levels
3.	 Clicking on the picture of the tank will display its information card Details MAC address Battery % (TLM only) Solar Charging / Not Charging (TLM only) Operating state Current water level (corresponding volume) Water usage – Last 24hr usage 	Tank 2 Level (1002) × Details Usage Level Battery ● 00:04:A3:A5:CAD2 ▲ Operating normally [?] ■ 83% ➡ 67% (6.618) [?] ▶ Not charging ➡ 4,2071 [?] Last Status: 18,06/2020 14:18 Conc



Creating an Alert Notification

You can receive alert messages on your phone or PC to notify you of a change of state in a tank level. For example, you can be notified if the tank becomes too empty.

Step	Process	Note
1.	First define what the alert event is for.	
	:	🌤 6/12°C Welcome, I ⊂ 📿 🌲 🗄
	 click the more icon in the top right corner of the screen then choose Manage Alerts. Click the Create Alert Event button 	MY ACCOUNT Account Details Password & Security Manage Access
		ALERTS Manage Alerts
		Settings
		Ge Sign Out
		🕈 Create Alert Event
2.	 Click the enable slider control to activate the alert Configure the Alert Event as desired (for example) 	☆ Ⅲ ↑ & 5/12*C Welcome, David Q ♠ :
	- Trigger for the event is Tank Level	Alert Event Here you create the trigger that will alert you when an event occurs.
	- The farm the event is for is Homestead	Enabled Trigger If it's onlyff. What triggers the alert?
	- The particular Sensor the event relates to is Tank 1	Tank Level
	 Evaluation condition is Less Than Value compared to is 70% 	Select Farm Select Sensor Which farm is this for? Which sensor is this related to?
		Homestead V Tank 1 V
	- Select Create	Select Operation Value Whether the value should be equals, greater or less than. True/false, on/off or numeric
		Less Than V 70 %
		Advanced Settings
		Recurrence When do you want to be notified? When it occurs, every hour, (Coming soon!)
		Cancel Create
3.	Now choose how the alert notification is sent	Settings ×
	:	< BACK
	- click the more icon in the top right corner of the	Send SMS Alerts 🕅
	screen, choose Settings , then Alerts - Turn on the slider control for each type of notification	Send Instant Message Alerts 17
	type you want	Send Email Alers (7)
		Display Action Notifications 77
		CONNECTED DEVICES To enable instant messages in this browse/device click in the button below.
		Subscribe to Instant Messages
		Chrome (175.111.102.177)
		Сюя
4.	Your account profile must have your e-mail address and mobile	
	phone number configured for these alert types to operate.	
	- click the more icon in the top right corner of the	
	screen then select Account Details	

Configuring the IMS Dashboard

Step	Process	Note
1.	- Select the dashboard button on the farm card to display the tank level status.	Control Contro
2.	 Headline values are simply very short summary information that is always shown first for an at-a-glance view of critical farm data. To add a Headline, <u>double-click</u> the add icon show a list of available headlines that you can use. Up to four Headlines can be shown but they must each be a 	
	different kind (soil, water level, flow etc.)	Tomorrow in tank 9.60°C 09:00 Tank Levels Tank Levels 18/06/2020 13:35 Tomorrow in tank
3.	 You can further customise the Headline (for example if you have multiple water tanks) by double-clicking the Headline then select which sensor you desire and sometimes you can change the units of measure as well. Click the back arrow to complete the process. 	Configs Middle Tanks v Percentage v
4.	 The order in which items are displayed can be changed as well. Click the more icon in the top right corner of the screen then choose Settings. Click Dashboard Card Order and Visibility 	Settings × General > Soil Moisture Stress Bands > Dashboard Card Order & Visibility > Alerts >
5.	 Use the slider controls to turn on or off the display of sensors on the farm Drag the list order icon to move items up and down in the list which will control the order in which you see them on the screen. Click the close button to return to the dashboard 	Cose

For more information email <u>support@waterinsight.co.nz</u>