

Package: openww (via r-universe)

August 27, 2024

Title Read and Use the Open UK Wastewater COVID Data

Version 0.0.0.9000

Description Code that can read, link, plot etc the covid wastewater measurements.

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Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.2

Imports cdata, extraDistr, openxlsx, readODS, sf, stats

Suggests rmarkdown, knitr

VignetteBuilder knitr

Repository <https://barryrowlingson.r-universe.dev>

RemoteUrl <https://gitlab.com/b-rowlingson/openww>

RemoteRef HEAD

RemoteSha 3e39b753aa9ac115e996be64754ad9a2d4c4c92c

Contents

read_daily_ww_ods	2
read_weekly_ww_ods	2
read_ww_ods	3

Index	4
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read_daily_ww_ods *read daily concentrations*

Description

Read the daily concentrations from the WW ODS file Note that missing observations are excluded, and measurements marked tLOD are set to NA.

Usage

```
read_daily_ww_ods(odsfiler)
```

Arguments

odsfiler ODS data file

Value

daily concentration data by site and date.

Author(s)

Barry Rowlingson

read_weekly_ww_ods *read weekly concentrations*

Description

Read the weekly concentrations from the WW ODS file Note that missing observations are excluded, and measurements marked tLOD are set to NA.

Usage

```
read_weekly_ww_ods(odsfiler)
```

Arguments

odsfiler ODS data file

Value

weekly concentration data by site and date.

Author(s)

Barry Rowlingson

read_ww_ods	<i>Read Wastewater Data from ODS File</i>
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Description

Read the wastewater open data file
read a sheet from the ODS wastewater data

Usage

```
read_ww_ods(odsfiler, sheet_name, skip)  
  
read_ww_ods(odsfiler, sheet_name, skip)
```

Arguments

odsfiler	The file path
sheet_name	Name or number of the sheet
skip	Lines to skip

Details

Reads the published .ods file
get data from ODS file

Value

list of data frames
data frame of data

Author(s)

Barry Rowlingson
Barry Rowlingson

Index

[read_daily_ww_ods](#), [2](#)
[read_weekly_ww_ods](#), [2](#)
[read_ww_ods](#), [3](#)