



Construction Site Impacts

ENVIRONMENTAL MANAGEMENT PLATFORM

CSI User Guides - Water Meters - V1

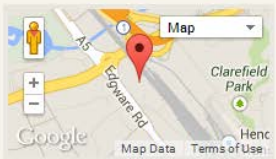
How does the Water Meters works?

Introduction

The CSI tool allow you to add as many meter as you like and cover many aspects of your site impacts such as:

- Electricity use
- Fuel consumption - From generators, heavy plant machinery and any other combustion engines.
- Transport- Here you can measure commercial transport to and from site as well as employees and subcontractors working on site. The site has a long list of transport modes to cover most travel.
- Waste – The tool measures the carbon emissions that arise from waste produced on site.
- Water – Water use on site activities

From “Site” page go and click on “Meters”

Properties		
		
TITLE Test site		
TYPE Buildings - Commercial Offices		
LIVE STATUS Live Site	MANAGEMENT STATUS Opened Site	START DATE 06/01/2014
DURATION (WEEKS) 53	NUMBER 0001	VALUE £ 1000000 [British Pound Sterling]

You will then be directed to the “Meters” page where you can see all the meters used on site.



“Meters” page

Adding a Water Meter

DURATION (WEEKS)		NUMBER	VALUE
53		0010	£ 1000000 [British Pound Sterling]

FLOOR SPACE (M2)		NUMBER OF UNITS
100		2

LOCATION
London N7 9DP, United Kingdom

| Meters

ELECTRICITY	FUELS	TRANSPORT	WASTE	WATER

+ Add Meter

Identification	Last Recorded	Sum	Total CO2

Click on “WATER” and then on “+Add Meter” on the right hand side of the screen. You are then taken to the add water meter page.

| Properties

All fields marked with an * are mandatory information!

IDENTIFICATION * (?)

DESCRIPTION [IN ENGLISH] (?)

TRANSLATIONS

DEFAULT UNIT * (?)
Litre

DEFAULT UPLOAD FREQUENCY * (?)

INTERVAL * (?)
Period

ALERT BEFORE (DAYS) * (?)

ALERT AFTER (DAYS) * (?)

ALERT ON START? * (?)
☒

IS IT A PHYSICAL METER? * (?)
☒

INITIAL DATE * (?)

INITIAL READING * (?)

SAVE



Fill out all the fields.

Identification – Enter the meter number here

Description – Enter any meaningful information in this field such as where is the meter located, or what part of the site the meter is supplying, such as site office or drying room for example.

Default unit – Enter the meter measurement unit, usually m³.

Default upload frequency – Enter how often you are taking meter readings. Normally you should enter 1 here and complete the next field.

Interval – From the drop down menu you have:

- Period – Choose period when the interval between meter reading spans several months. The tool will divide by the number of days between the 2 readings.
- Day – For everyday readings.
- Week – Every week.
- Month – Once a month.
- Year – Once a year.

Alert before and after – the tool will send an email to the registered user reminding him to take the meter reading.

Is it a physical meter? When this box is ticked the tool will ask the Initial date (the date the meter was installed) and the initial meter reading.
A new meter will usually start from zero.

Once all fields are completed click on “Save”.

The screenshot shows a web application interface for adding a new water meter. On the left is a sidebar menu with options: DASHBOARD, SITES, ADD SITE, LONDON SW, PROFILE, METERS (highlighted), TARGETS, PAYMENTS, CO2 EMISSION FACTORS, PERMISSIONS, and REPORTS. The main area is titled 'Properties' and contains a form with the following fields: 'IDENTIFICATION * (1)' (text input), 'DESCRIPTION (IN ENGLISH) (1)' (text area), 'DEFAULT UNIT * (1)' (dropdown menu with 'Litre' selected), 'DEFAULT UPLOAD FREQUENCY * (1)' (text input), 'INTERVAL * (1)' (dropdown menu with 'Period' selected), 'ALERT BEFORE (DAYS) * (1)' (text input), 'ALERT AFTER (DAYS) * (1)' (text input), 'ALERT ON START * (1)' (checkbox), 'IS IT A PHYSICAL METER? (1)' (checkbox, checked), 'INITIAL DATE * (1)' (text input), and 'INITIAL READING * (1)' (text input). A red error message at the top states 'All fields marked with an * are mandatory information!'. A yellow arrow points to the 'SAVE' button at the bottom right of the form.

You have now added a new water meter to the CSI tool and you will be redirected to the “Water Meter” page.



“Water Meter” page

TEST SITE

- PROFILE
- METERS
- REFERENCES
- SERIES
- LOAD VALUES
- TARGETS
- PAYMENTS
- CO2 EMISSION FACTORS
- PERMISSIONS
- REPORTS

Properties

IDENTIFICATION	DEFAULT UNIT	CO2 EMISSION FACTOR
Test Meter	Cubic Meter	0.0003441 kg CO2e/L
DEFAULT UPLOAD FREQUENCY	UNIT	
1	Month	
ALERT BEFORE (DAYS)	ALERT AFTER (DAYS)	ALERT ON START?
1	1	Yes
IS IT A PHYSICAL METER?	INITIAL DATE	INITIAL READING
Yes	06/01/2014	0
DESCRIPTION		
vsdfsd		

Performance

Water			
0 L	0 L/m2	0 Lx300k	0 kg CO2e

Charts [Monthly Evolution]

Consumption

There is no or empty series

You are now ready to load water values to the tool.

Now to input meter readings click in the LOAD VALUES button on the left hand side menu.

The tool will take you to the “Load Values” page where you can input your water meter readings.



“Load Values” page

DASHBOARD

SITES

ADD SITE

LONDON SW

PROFILE

METERS

TEST METER

SERIES

LOAD VALUES

TARGETS

PAYMENTS

CO2 EMISSION FACTORS

PERMISSIONS

REPORTS

Properties

IDENTIFICATIONInitial DateInitial Reading 0

Test Meter

DESCRIPTION

IS IT A PHYSICAL METER?Yes

DEFAULT UNITCubic Meter

CO2 EMISSION FACTOR0.0003441 kg CO2e/L

DEFAULT UPLOAD FREQUENCY1

INTERVALWeek

ALERT BEFORE (DAYS)1

ALERT AFTER (DAYS)1

ALERT ON START?No

Load Values

All fields marked with an * are mandatory information!

Attention! You can upload data with dates within the valid load period paid for this site. The current valid time frame is from 01/01/2012 to 31/01/2014.

FROM * (?)28/01/2013

TO * (?)

INTERVAL FREQUENCY * (?)1

UNIT * (?)m3 [Cubic Meter]

Week

Enter Reading Values

Loaded Values

Search:

Show 10 entries

From * (?)	To * (?)	Reading * (?)	Unit * (?)
No data available in table			

First Previous Next Last

Showing 0 to 0 of 0 entries

SAVE

The tool defaults to the previous meter reading and you input the date when the reading is taken and hit “Enter reading values”.

Load Values

All fields marked with an * are mandatory information!

Attention! You can upload data with dates within the valid load period paid for this site. The current valid time frame is from 01/01/2012 to 31/01/2014.

FROM * (?)07/01/2013

TO * (?)28/01/2013

INTERVAL FREQUENCY * (?)1

UNIT * (?)m3 [Cubic Meter]

Week

Enter Reading Values



The screen will reload and a new field will appear for you to enter the actual meter reading.

Loaded Values

The first reading value of the meter is the baseline for the device and therefore will not generate neither consumption nor emissions.

From * (?)	To * (?)	Reading * (?)	Unit * (?)
07/01/2013	14/01/2013	<input type="text"/>	m3 [Cubic Meter]
14/01/2013	21/01/2013	<input type="text"/>	m3 [Cubic Meter]
21/01/2013	28/01/2013	<input type="text"/>	m3 [Cubic Meter]

SAVE

Enter the value in the blank box and hit the “Save” button.
You will be redirected to the “SERIES” page to view your first meter readings and correspondent emissions.

METERS

TEST METER

SERIES

LOAD VALUES

TARGETS

PAYMENTS

CO2 EMISSION FACTORS

PERMISSIONS

REPORTS

INITIAL READING

0

DESCRIPTION

Series

Search: Show 10 entries

	From	To	Reading	Total	Total CO2	Operator
	07/01/2013	14/01/2013	5	5	1.72 kg CO2e	Sitelmpacts, Manager
	14/01/2013	21/01/2013	12	7	2.408 kg CO2e	Sitelmpacts, Manager
	21/01/2013	28/01/2013	19	7	2.408 kg CO2e	Sitelmpacts, Manager

First Previous 1 Next Last

Showing 1 to 3 of 3 entries

Performance

Water

19 m3	0 m3/m2	0.19 m3/£100k	6.54 kg CO2e
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Charts [Monthly Evolution]

Consumption

Water



Repeat the process as often as you like but remember to use the correct interval.

If you make a mistake click in **SERIES** and the tool will take you to the page with the load values. You can either edit the value (click in the pencil icon) or delete it (click in the bin icon).

TEST METER

SERIES

LOAD VALUES

TARGETS

PAYMENTS

CO2 EMISSION FACTORS

PERMISSIONS

REPORTS

DESCRIPTION

Series

Search: Show 10 entries

	From	To	Reading	Total	Total CO2	Operator
✎ ✕ !	07/01/2013	14/01/2013	5	5	1.72 kg CO2e	SiteImpacts, Manager
✎ ✕ !	14/01/2013	21/01/2013	12	7	2.408 kg CO2e	SiteImpacts, Manager
✎ ✕ !	21/01/2013	28/01/2013	19	7	2.408 kg CO2e	SiteImpacts, Manager

First Previous 1 Next Last Showing 1 to 3 of 3 entries

Performance

Water

19 m3	0 m3/m2	0.19 m3/£100k	6.54 kg CO2e
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If you have any queries please contact us via www.siteimpacts.com and we will be happy to help.