
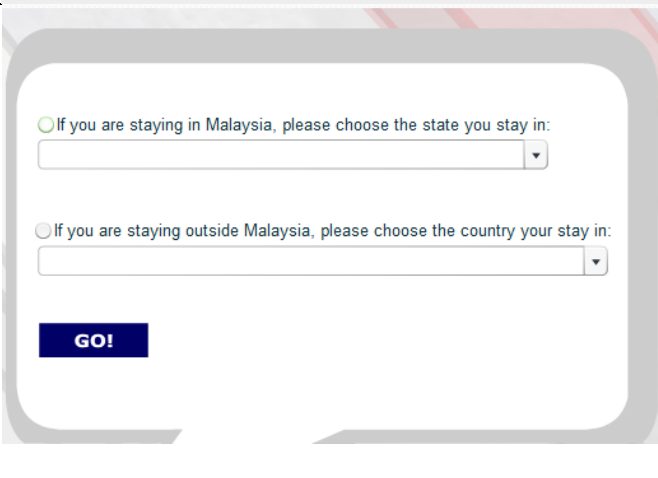
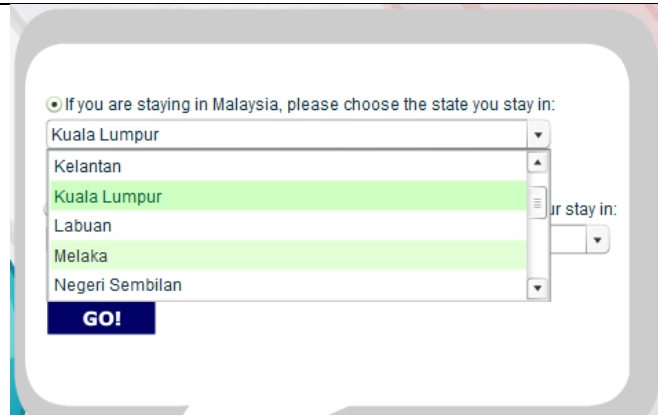
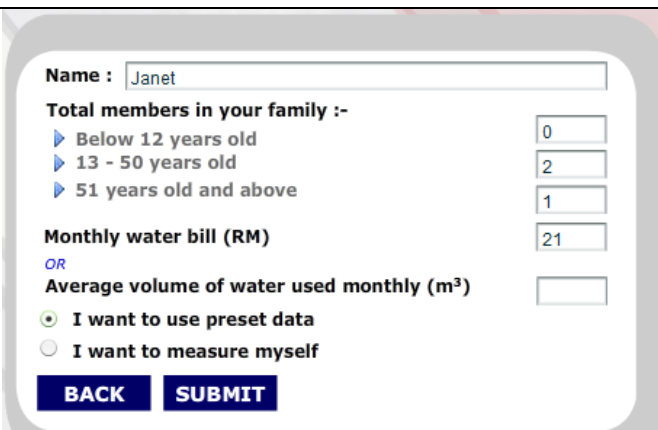


HOW TO USE CATCH D' HYDRO CALCULATOR

1. Basic Information Entry

 <p>Hello! I'm Hydro. I'll be with you to audit your water usage. Let's us start now.</p>	<p>1a. Once the calculator loads, it will first show the welcoming note.</p>
 <p><input type="radio"/> If you are staying in Malaysia, please choose the state you stay in: <input type="text"/></p> <p><input type="radio"/> If you are staying outside Malaysia, please choose the country your stay in: <input type="text"/></p> <p>GO!</p>	<p>1b. If you are from Malaysia, you will have to choose the state you are from. If you are staying outside Malaysia, you have to choose the country you origin from.</p>
 <p><input checked="" type="radio"/> If you are staying in Malaysia, please choose the state you stay in: <input type="text"/> Kuala Lumpur <input type="text"/> Kelantan <input type="text"/> Kuala Lumpur <input type="text"/> Labuan <input type="text"/> Melaka <input type="text"/> Negeri Sembilan</p> <p>GO!</p>	<p>1c. You can choose the state you are from. Similarly, for foreigners, you can choose the country you are from.</p>
 <p>Name : <input type="text"/> Janet</p> <p>Total members in your family :-</p> <p>▶ Below 12 years old <input type="text"/> 0</p> <p>▶ 13 - 50 years old <input type="text"/> 2</p> <p>▶ 51 years old and above <input type="text"/> 1</p> <p>Monthly water bill (RM) <input type="text"/> 21</p> <p>OR</p> <p>Average volume of water used monthly (m³) <input type="text"/></p> <p><input checked="" type="radio"/> I want to use preset data</p> <p><input type="radio"/> I want to measure myself</p> <p>BACK SUBMIT</p>	<p>1d. For Malaysians, you will be given the following form. You can either key in the monthly water bill or the average volume of water used monthly that will be provided in your bills. Once you choose between using preset data or measure myself, you will be directed to the floor plan of a home.</p>

Name :

Total members in your family :-

- ▶ Below 12 years old
- ▶ 13 - 50 years old
- ▶ 51 years old and above

Average volume of water used monthly (m³)

☒ I want to use preset data
☐ I want to measure myself

BACK **SUBMIT**

1e. For those whom are not from Malaysia, you are required to key in the average volume of water used monthly. *Similar form is also given for consumers from Selangor. You are required to key in the volume of water that is printed on the water bill to start the audit process. This is because of the rebate for 20 m³ (cubic meter) of water and confusion on the actual billed amount between consumers.* Once you choose between using preset data or measure myself, you will be directed the floor plan of a home.

Name :

Total members in your family :-

- ▶ Below 12 years old
- ▶ 13 - 50 years old
- ▶ 51 years old and above

Monthly water bill (RM)

OR

Average volume of water used monthly (m³)

☒ I want to use preset data
☐ I want to measure myself

BACK **SUBMIT**

1f. This is a sample of using average amount of water used monthly. Once you choose between using preset data or measure myself, you will be directed the floor plan of a home.



1g. You can click at any area on the floor plan to start audit process. For example, you choose Living Hall. The yellow arrow shows a green box and a red box. Green box will indicate areas that you have completed your audit process. Red box will indicate areas that you have not audited.

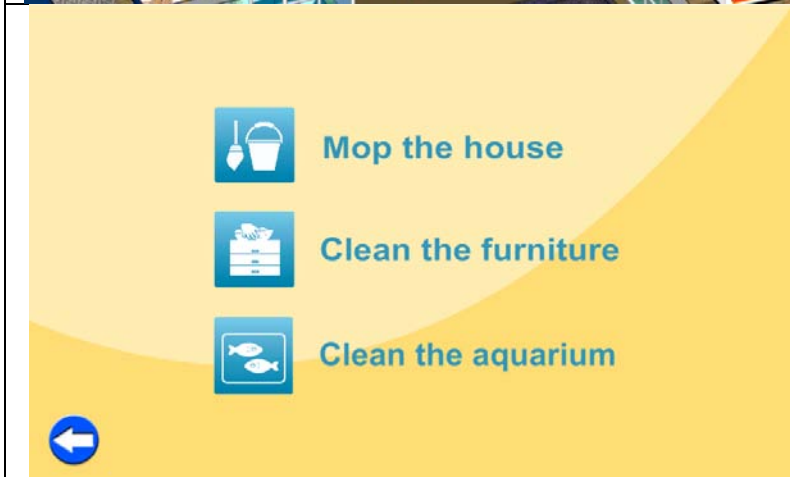
2. Audit Using Preset Data



2a. Click on a particular area to audit the water consumption.



2b. From the floor plan, you will zoom in to the chosen area and you can click for further action.



2c. You will be shown a number of activities that you do carry out in this location. You can make a choice of activity that you carry out.

2d. You can select the pail size you usually use and click OK.



2e. Then, you can key in the number of pails used and frequency of cleaning. Now, you can click Submit.




2f. Once you complete audit the other water consumption activities in that Living Hall, you can now observe that Living Hall has been moved to the Green Box. This shows that you have completed the water consumption audit in that area. Now, you can continue to audit water consumption in other areas.



2g. Once you have completed auditing all the areas, the areas will be listed in Green Box. You can now proceed to check the Results (as shown by the arrow). You can also choose to check the Results after you audit a particular area.





Do you do the following activities?

	Yes	No
➔ Harvest Rainwater	<input type="radio"/>	<input type="radio"/>
➔ Reuse Water	<input type="radio"/>	<input type="radio"/>
➔ Use Alternative Water Resource (Eg: river water, lake water, water from well or waterfall and etc)	<input type="radio"/>	<input type="radio"/>

BACK SUBMIT

2h. When you click the Result button, you will be directed to a page to measure additional water consumption. This additional water usage activities consist of usage of rainwater, reuse of water and other alternative water resources. These types of water resource are not treated water and consumers usually do not bother how much they actually use them.

WATER CONSUMPTION

No	Activity	Usage Area	Water Usage (litre)	Edit	Delete
1	Mop the house	Living Hall	145.6	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
2	Cleaning the furniture	Living Hall	9.2	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
3	Brush teeth & wash face with running water	Toilet / Bathroom	4760.16	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
4	Shower	Toilet / Bathroom	45623.04	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
5	Toilet flushing - single flush	Toilet / Bathroom	21600	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
6	Washing cooking ingredients with running water	Kitchen	4791.07	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
7	Washing dishes with dishwasher	Kitchen	72	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

TOTAL water usage (litre): 8496.93

View CHART

TOP 5 WATER CONSUMING ACTIVITIES

No	Usage Activity	Water Usage (litre)	Percentage from overall consumption (%)
1	Shower	45623.04	56.45
2	Toilet flushing - single flush	21600	26.73
3	Washing cooking ingredients with running water	4791.07	5.93
4	Brush teeth & wash face with running water	4760.16	5.89
5	Wash clothes with front load washing machine	1200	1.48

Comparative Results:
(1 m³ = 1000 litres)

1.	Audited water consumption using calculator (m ³):	8.50
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2i. Finally, you will be directed to the result page.

3. Audit Using Measure Myself Setting

3a. Once you key in the data, you need to choose 'I want to measure myself' selection and click submit.

Name : Janet

Total members in your family :-

- Below 12 years old: 0
- 13 - 50 years old: 2
- 51 years old and above: 1

Monthly water bill (RM): 21

OR

Average volume of water used monthly (m³):

☐ I want to use preset data

☒ I want to measure myself

BACK **SUBMIT**

3b. Click on a particular area to audit the water consumption.



3c. From the floor plan, you will zoom in to the chosen area and you can click for further action.





3d. You will be shown a number of activities that you do carry out in this location. You can make a choice of activity that you carry out.



3e. You need to find out the water flow that you will use to fill up the pail. 3f, 3g and 3h steps will be able to give you an overview how to measure the water flow.



3f. The used soft drinks bottles can be used to measure volume of 1.5 litre. For timing, you can easily use your watch. You will need to record the time taken to fill up a bottle. The timing is the data that you require.



3g. Use a funnel to assist (if needed) to fill up water to measure in a 1.5 litre bottle.



3h. For places where it is difficult to access, open the tap at the speed you want to measure and connect it with a hose. This way you can still measure the time taken to fill up 1.5 litre of water.



2i. Once you complete audit the other water consumption activities in that Living Hall, you can now observe that Living Hall has been moved to the Green Box. This shows that you have completed the water consumption audit in that area. Now, you can continue to audit water consumption in other areas.

2j. Once you have completed auditing all the areas, the areas will be listed in Green Box. You can now proceed to check the Results (as shown by the arrow). You can also choose to check the Results after you audit a particular area.

2k. When you click the Result button, you will be directed to a page to measure additional water consumption. This additional water usage activities consist of usage of rainwater, reuse of water and other alternative water resources. These types of water resource are not treated water and consumers usually do not bother how much they actually use them.

2l. Finally, you will be directed to the result page.

WATER CONSUMPTION

No	Activity	Usage Area	Water Usage (litre)	Edit	Delete
1	Mop the house	Living Hall	145.6		
2	Cleaning the furniture	Living Hall	9.2		
3	Brush teeth & wash face with running water	Toilet / Bathroom	4760.16		
4	Shower	Toilet / Bathroom	45623.04		
5	Toilet flushing - single flush	Toilet / Bathroom	21600		
6	Washing cooking ingredients with running water	Kitchen	4791.07		
7	Washing dishes with dishwasher	Kitchen	72		

TOTAL water usage (litre): 8496.93

TOP 5 WATER CONSUMING ACTIVITIES

No	Usage Activity	Water Usage (litre)	Percentage from overall consumption (%)
1	Shower	45623.04	56.45
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5	Wash clothes with front load washing machine	1200	1.48

Comparative Results:
(1 m³ = 1000 litres)

a.	Audited water consumption using calculator (m ³):	
		8.50

4. Results

4a. The result page will summarise all the water consumption activities you have audited. You can edit or delete the activities here. Total water usage is also displayed for your reference.



No	Activity	Usage Area	Water Usage (litre)	Edit	Delete
1	Mop the house	Living Hall	145.6		
2	Cleaning the furniture	Living Hall	9.2		
3	Brush teeth & wash face with running water	Toilet / Bathroom	4760.16		
4	Shower	Toilet / Bathroom	45623.04		
5	Toilet flushing - single flush	Toilet / Bathroom	21600		
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View CHART

TOTAL water usage (litre): 8496.93

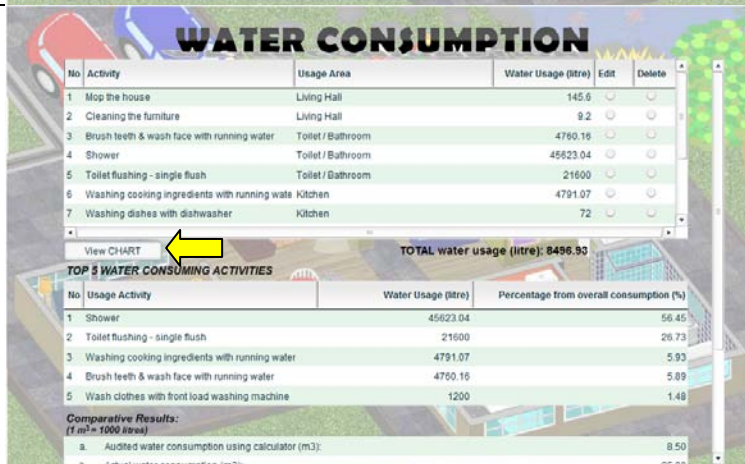
TOP 5 WATER CONSUMING ACTIVITIES

No	Usage Activity	Water Usage (litre)	Percentage from overall consumption (%)
1	Shower	45623.04	56.45
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4	Brush teeth & wash face with running water	4760.16	5.89
5	Wash clothes with front load washing machine	1200	1.48

Comparative Results:
(1 m³ = 1000 litres)

a. Audited water consumption using calculator (m³): 8.50

4b. You can view the chart to display the overall breakdown of water usage at your home by clicking the View CHART button.



No	Activity	Usage Area	Water Usage (litre)	Edit	Delete
1	Mop the house	Living Hall	145.6		
2	Cleaning the furniture	Living Hall	9.2		
3	Brush teeth & wash face with running water	Toilet / Bathroom	4760.16		
4	Shower	Toilet / Bathroom	45623.04		
5	Toilet flushing - single flush	Toilet / Bathroom	21600		
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View CHART

TOTAL water usage (litre): 8496.93

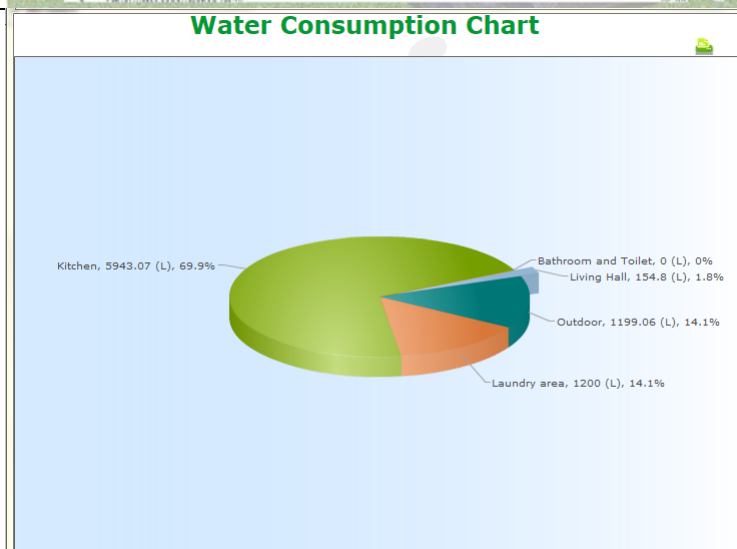
TOP 5 WATER CONSUMING ACTIVITIES

No	Usage Activity	Water Usage (litre)	Percentage from overall consumption (%)
1	Shower	45623.04	56.45
2	Toilet flushing - single flush	21600	26.73
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4	Brush teeth & wash face with running water	4760.16	5.89
5	Wash clothes with front load washing machine	1200	1.48

Comparative Results:
(1 m³ = 1000 litres)

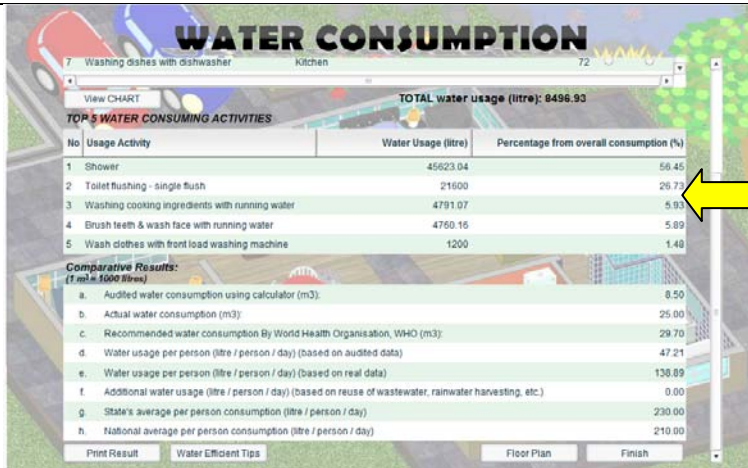
a. Audited water consumption using calculator (m³): 8.50

4c. This is the sample of chart that will be displayed.



How to use Catch d' Hydro Calculator

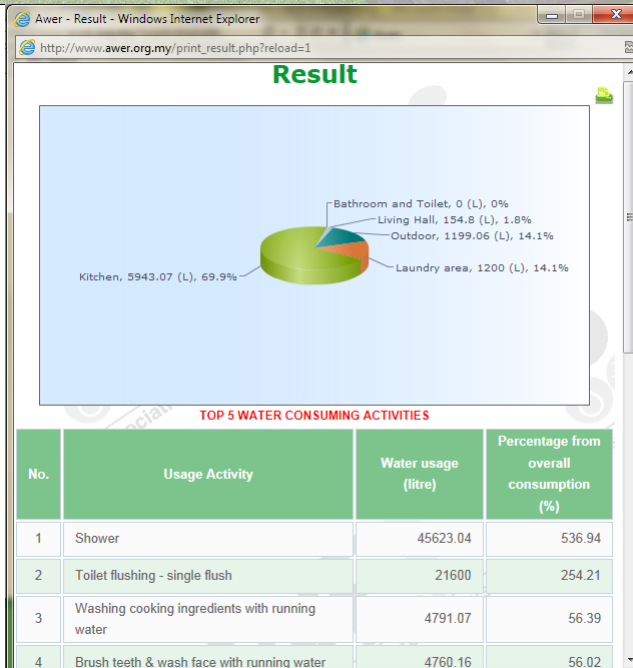
4d. You can view the Top 5 Water Consuming Activities with both water usage in Litres and overall percentage from the water usage. This will directly indicate to you activities that use a lot of water.



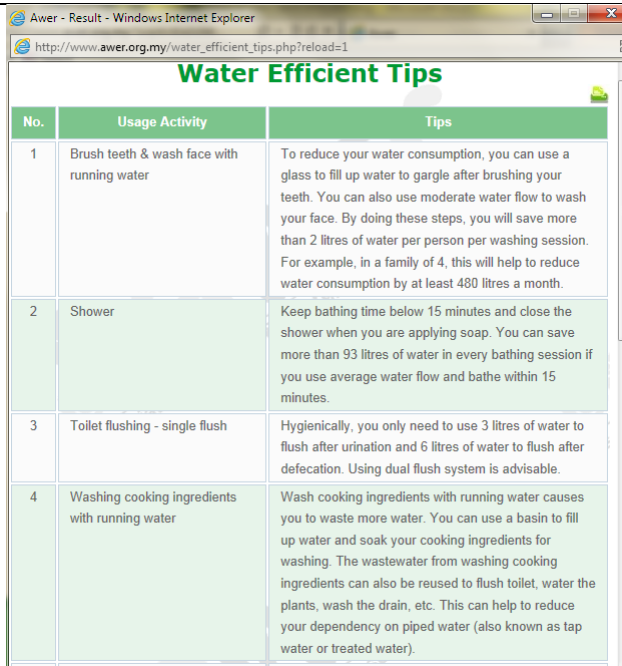
4e. You can also view the comparative results in determining your water usage at home.



4f. If you click at the Print Result button, full result will be displayed for you to print.



4g. If you click Water Efficient Tips button, 'tailor-made' tips related to your water consumption activities will be displayed for you to print.



No.	Usage Activity	Tips
1	Brush teeth & wash face with running water	To reduce your water consumption, you can use a glass to fill up water to gargle after brushing your teeth. You can also use moderate water flow to wash your face. By doing these steps, you will save more than 2 litres of water per person per washing session. For example, in a family of 4, this will help to reduce water consumption by at least 480 litres a month.
2	Shower	Keep bathing time below 15 minutes and close the shower when you are applying soap. You can save more than 93 litres of water in every bathing session if you use average water flow and bathe within 15 minutes.
3	Toilet flushing - single flush	Hygienically, you only need to use 3 litres of water to flush after urination and 6 litres of water to flush after defecation. Using dual flush system is advisable.
4	Washing cooking ingredients with running water	Wash cooking ingredients with running water causes you to waste more water. You can use a basin to fill up water and soak your cooking ingredients for washing. The wastewater from washing cooking ingredients can also be reused to flush toilet, water the plants, wash the drain, etc. This can help to reduce your dependency on piped water (also known as tap water or treated water).

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