

**Water Consumption Report  
For The Year 2021**

Environmental Management Unit (EMU) of Batangas State University (BatStateU) Alangilan Campus and other BatStateU campuses conducts monitoring and inventory of water consumption. In this report, it aims to present and discuss the water consumption of BatStateU Alangilan Campus and other campuses for the year 2021. Visual presentations of data such as charts, graphs and tables will be used to present the increasing and decreasing trend of water consumption per month. Highest and lowest water consumption per month will also be identified.

BatStateU campuses has only two (2) sources of water supply, deep wells and level 3 water supply system, a private water service provider. A deep well is an excavation created to access groundwater. Level 3 water supply system is a water utility company that operates throughout the Philippines to provide clean water.

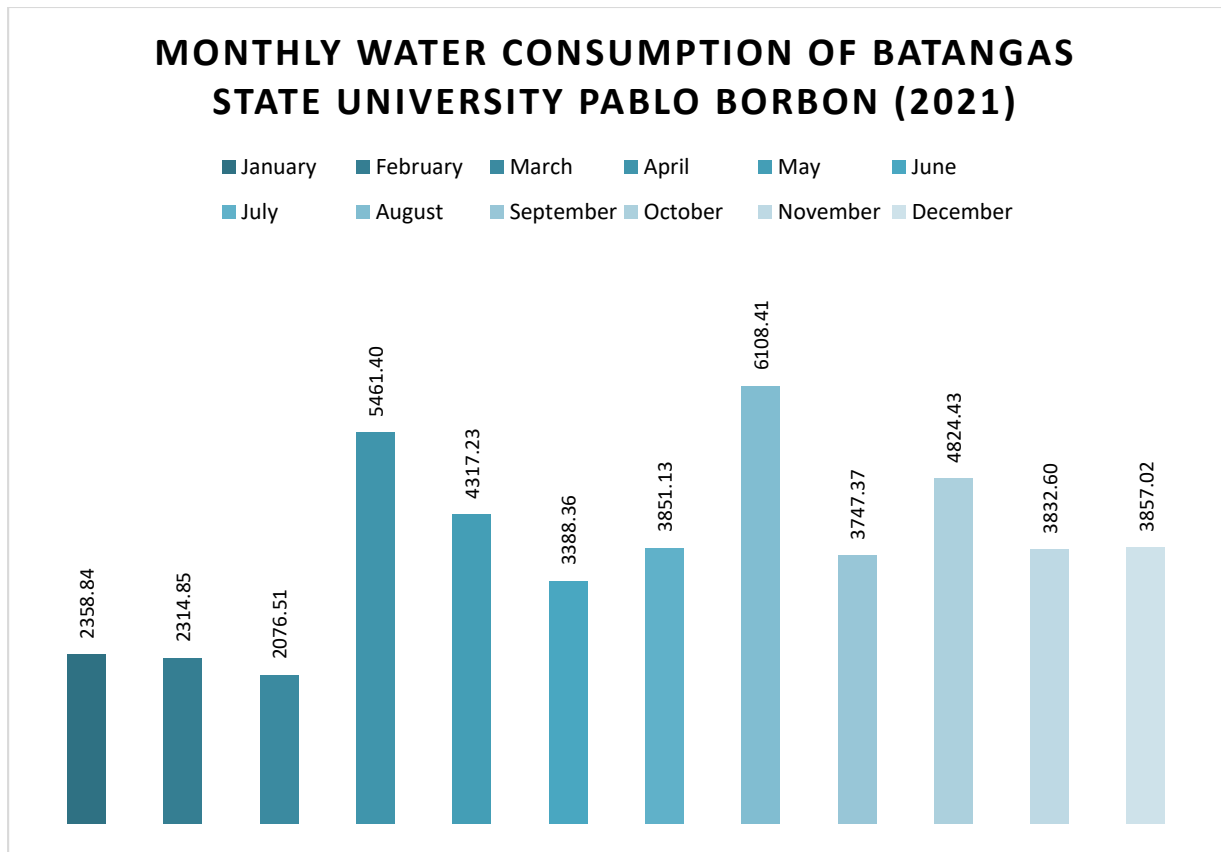
### **Water Consumption Batangas State University**

This section presents the water consumption for the year 2021. The unit of water consumption is cubic meter (m<sup>3</sup>). It is intended to show the increasing and decreasing trend of water consumption per month of year 2021. Table 1 shows the inventory of water consumption of BatStateU for year 2021.

**Table 1**  
**Monthly Water Consumption of Batangas State University**

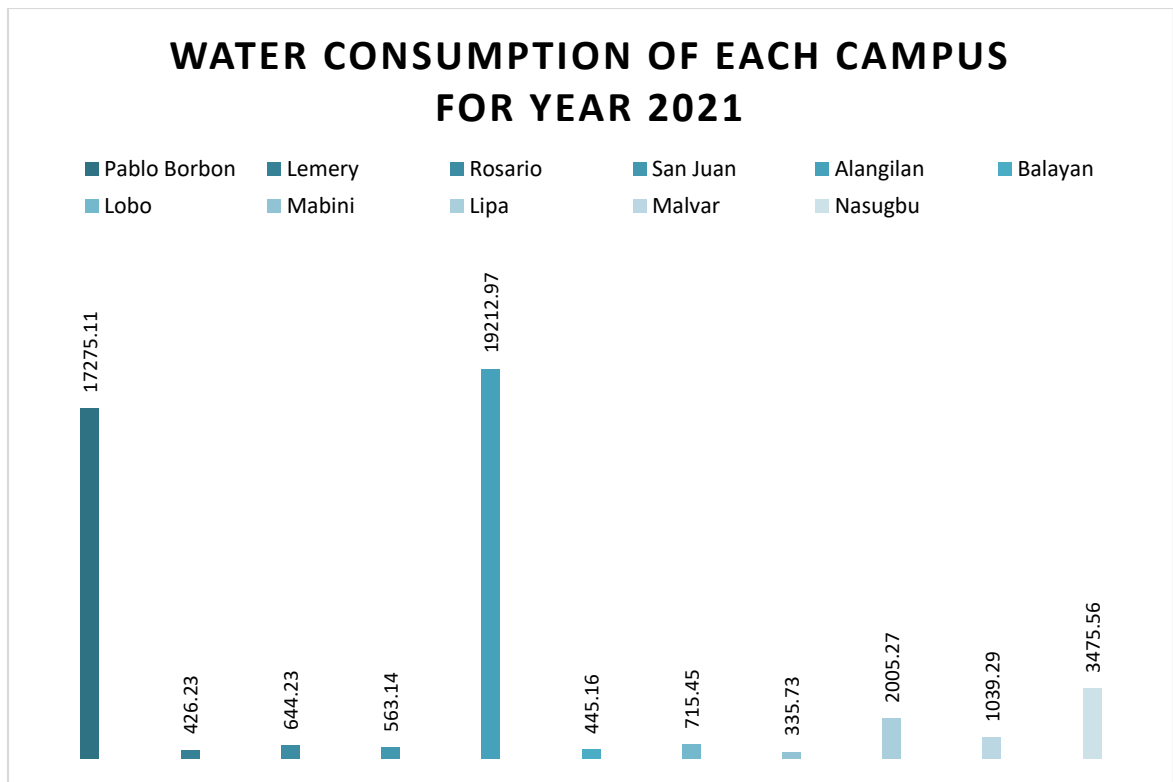
Date	Total Water Consumption per Month(cu.m)
January	2358.84
February	2314.85
March	2076.51
April	5461.40
May	4317.23
June	3388.36
July	3851.13
August	6108.41
September	3747.37
October	4824.43
November	3832.60
December	3857.02
<b>Total Water Consumption for 2021</b>	<b>46138.14</b>

As shown in Table 1, the total water consumption of BatStateU for the year 2021 is 46138.14 m<sup>3</sup>. A column graph is used to present the increasing and decreasing trend of water consumption per month. Figure 1 shows the daily water consumption for the year 2021 of Batangas State University.



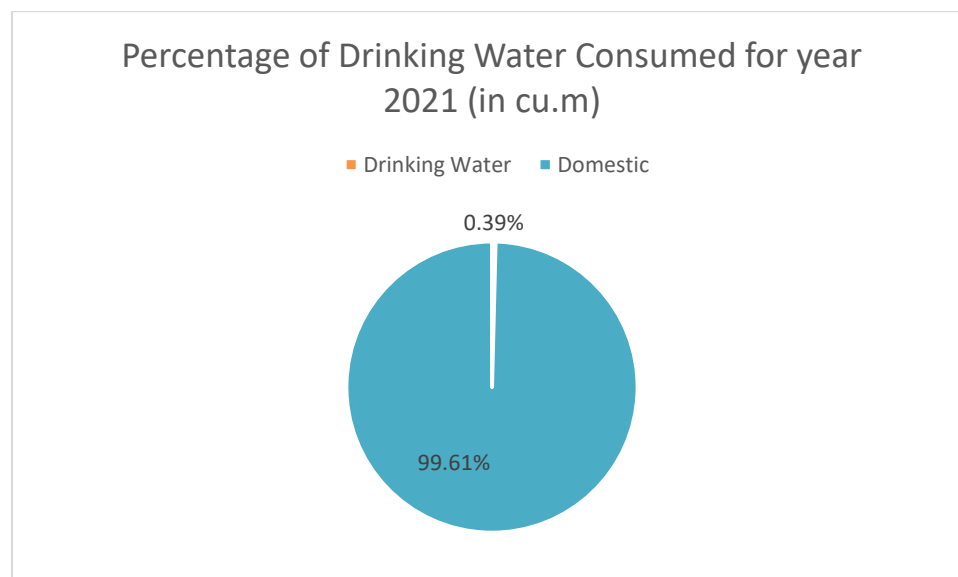
**Figure 1. Monthly Water Consumption of Batangas State University (2021)**

In Figure 1, the highest water consumption is 6108.41 m<sup>3</sup> dated August 2021 while the lowest water consumption is 2076.51 m<sup>3</sup> dated March 2021. Figure 2 shows the water consumption of each campus for the year 2021.



**Figure 2. Water Consumption of BatStateU Campuses (2021)**

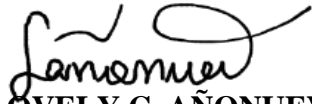
In Figure 2, the campus that has the highest water consumption is BatStateU Alangilan having 19212.97 m<sup>3</sup> consumed while the campus that has the lowest water consumption is Mabini having 335.73 m<sup>3</sup> consumed. BatStateU Alangilan has the highest consumption for the reason that it has the second highest number of employees and there is ongoing construction in the campus while Mabini campus has the lowest water consumption for the reason that the campus has least number of employees compared to other campuses and also there is no ongoing construction in there. Figure 3 shows the percentage of drinking water that was consumed of the employees and staff.



**Figure 3. Percentage of Drinking Water Consumption of BatStateU Campuses (2021)**

Figure 3 shows that 0.39% or 181.29 m<sup>3</sup> of water consumed is for drinking water while 99.61% or 45956.85 m<sup>3</sup> were used for domestic.

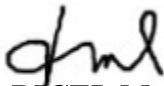
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