

14	Higher Institute of Public Profession	Alexandria, Egypt	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	700
15	University land in Smouha (College of Nursing - Children's Hospital - Faculty members residences)	Alexandria, Egypt	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	105218.22
16	Land of Mouwasat Hospital	Alexandria, Egypt	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	20234.27
17	Institute of Graduate Studies and Research	Alexandria, Egypt	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2764
18	Faculty of Agriculture Saba Pasha	Alexandria, Egypt	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	144200.934
Total																	1,377,300.34	

- **Green buildings of Alexandria University are designed to reduce environmental impact through efficient use of resources and sustainable practices. The main elements of green building include:**

- Site Selection,
- Landscaping and plantations,
- Water Efficiency (Water Conservation, Rainwater Harvesting, and Greywater Recycling),
- Energy Efficiency (Integrating Renewable Energy, and Lighting systems: Installing energy-efficient lightingsystems such as LED)
- Waste Management (waste reduction, and composting).

- **Water Efficiency and Reduction**

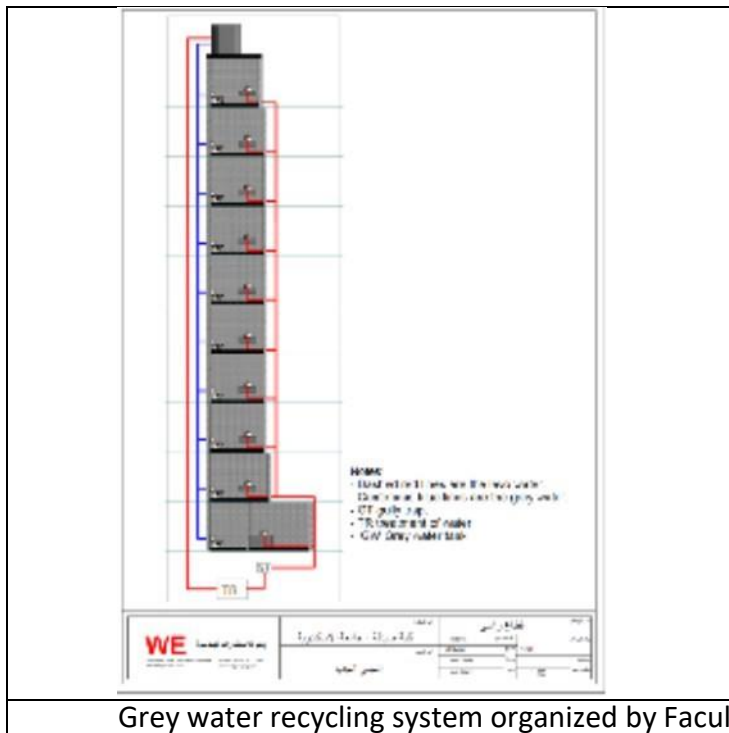
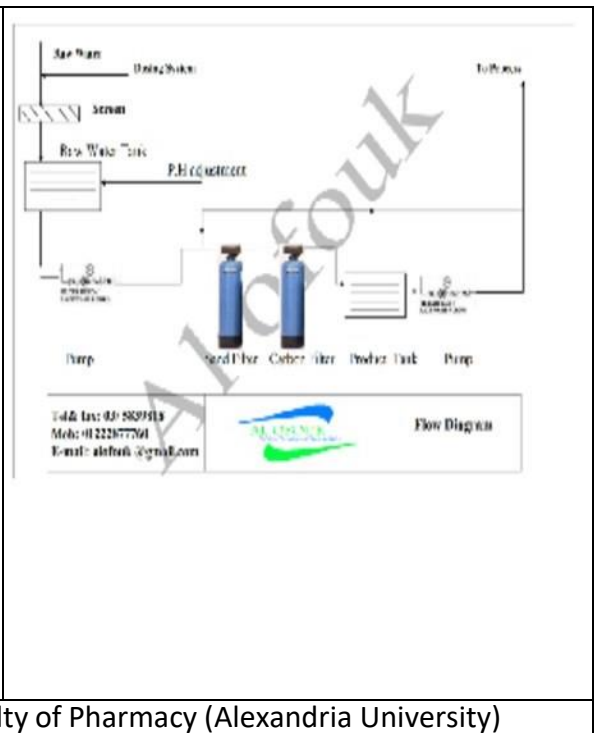
- Water-saving plots are used, which will reduce water consumption by about 30%. The sewage water will be treated and reused in the irrigation of green areas in the project.
- Rainwater is collected in the main lake and used for irrigation.
- The use of plants with few water rationed plants to reduce irrigation needs in addition to absorbing quantities of rainwater to reduce the severity of rain spells.
- Air conditioning water collection and reuse unit in Faculty of Engineering.
- Wastewater treatment unit at the Faculty of Engineering.
- Reusing wastewater from sinks, showers, and laundry for irrigation or flushing toilets.
- Using drip irrigation and other systems that minimize water use.

- The University has applied a strategy in the faculties to decrease water consumption through installation of special parts on water taps, showers, toilette, and bathroom bidet which can conserve about 50% of water consumption. Water saving devices are used instead of traditional devices. For example, the use of a hand-washing faucet with automatic control via a sensor, and

high-efficiency bathroom devices. Supplying water taps with water conservation units. Adopting a mechanism to maintain water pipes to prevent waste resulting from leaks.

	
<p>Supplying water taps with water conservation units (Alexandria University, Egypt)</p>	<p>Adopting a mechanism to maintain water pipes to prevent waste resulting from leaks (Alexandria University, Egypt)</p>

- Also, faculty of Pharmacy is seriously seeking to implement a grey water (wastewater) recycling system that depends on reusing wastewater from sewage basins only (without using wastewater from laboratory basins) by re-pumping it into the flushing bins in the toilets after work. Filtration and primary treatment and taking advantage of rainwater for use in irrigation and regulatory operations. The grey water recycling initiative has a significant impact on rationalizing water use and thus saving the college's monthly water bills, which constitute a burden on the budget.

 <p>HOME</p> <ul style="list-style-type: none"> - 100% recycled water for the grey water - 100% recycled water for the grey water - 100% recycled water for the grey water - 100% recycled water for the grey water - 100% recycled water for the grey water <p>WE</p>	 <p>Flow Diagram</p> <p>Tel: +961 93 8899113 Mobs: +961 222877561 E-mail: alex@alex.gov.lb</p>
<p>Grey water recycling system organized by Faculty of Pharmacy (Alexandria University)</p>	