

## Wastewater

For context, the University of Haifa operates in accordance with applicable Israeli legislation and policy.

Wastewater management is primarily regulated by the Ministry of Health.

For Instance:

Reclaimed Water - <https://www.gov.il/he/pages/reclaimed-water-pages>

Gray Water - <https://www.gov.il/he/pages/reclaimed-water-pages?chapterIndex=5>

In line with the above policy, University of Haifa is actively perusing the following:

Goals	Activities Perused, Action Items
Separation of hazardous waste from wastewater	<ul style="list-style-type: none"> <li>Hazardous waste exists in laboratories only and is managed according to an appropriate protocol (Reference – Laboratory Waste Handling – internal procedure)</li> </ul>
Periodic Wastewater sampling & monitoring	<ul style="list-style-type: none"> <li>Campus main wastewater outlet is regularly sampled by the appropriate utility company. Non-conforming sample results are reported by the utility and investigated by the University. (Reference – Wastewater outlet sample lab result, as received from utility company)</li> </ul>
Gray Water, Water re-use	<ul style="list-style-type: none"> <li>Israeli regulations strongly favor central water treatment plants. Over 80% of wastewater is reclaimed. Therefore, in accordance with the governmental policy, no gray water processing takes place within the campus. (Reference - <a href="https://www.gov.il/he/pages/reclaimed-water-pages">https://www.gov.il/he/pages/reclaimed-water-pages</a> <a href="https://www.gov.il/he/pages/reclaimed-water-pages?chapterIndex=5">https://www.gov.il/he/pages/reclaimed-water-pages?chapterIndex=5</a>)</li> </ul>

### Water Supply System

For context, the University of Haifa operates in accordance with applicable Israeli legislation and policy. All Water Supply is from the national & local network, via local utility company. No independent water sources are available.

Water Supply Management is regulated mainly by the Ministry of Health.

As can be seen below:

Drinking Water - [https://www.gov.il/he/departments/topics/drinking\\_water/govil-landing-page](https://www.gov.il/he/departments/topics/drinking_water/govil-landing-page)

In line with the above policy, University of Haifa is actively perusing the following:

Goals	Activities Perused, Action Items
Design criteria	<ul style="list-style-type: none"> <li>Water Supply systems design fully complies with Israeli legislation</li> </ul>
Reverse Flow prevention	<ul style="list-style-type: none"> <li>Reverse Flow prevention / precautions are incorporated as part of the water supply piping to laboratories and similar sensitive end users.</li> <li>Reverse Flow prevention devices are examined regularly and reported to the Ministry of Health.</li> </ul>
Periodic water quality tests (including legionella)	<ul style="list-style-type: none"> <li>Water quality is periodically sampled and tested, as per regulations (Reference – Water quality tests – Government guidelines &amp; internal procedures)</li> </ul>
Water tank disinfection & cleaning	<ul style="list-style-type: none"> <li>Water tank disinfection &amp; cleaning are periodically performed, as per regulations (Reference – Water tank disinfection &amp; cleaning – Government guidelines &amp; internal procedures)</li> </ul>
Minimize water waste	<ul style="list-style-type: none"> <li>All sinks have "economizers", in order to reduce water flow (Reference – Sink water economizer – internal document)</li> <li>All toilets have a "dual flush size" system</li> </ul>

	<ul style="list-style-type: none"><li>• All men's urinator's are motion controlled. No continuous flush systems or periodic flush systems exist. (Reference – This document)</li><li>• Water consumption is monitored on going per building, abnormalities are detected and leaks repaired. (Reference – example of weekend water consumption survey)</li><li>• Water- conscious planting: plants are selected according to a list to suit local climate (minimize water demand) (Reference – Agronomic landscape and gardening guidelines &amp; report)</li><li>• Irrigation systems are drip irrigation &amp; computer controlled, to insure optimal irrigation performance and minimal water waste (Reference – Agronomic landscape and gardening guidelines &amp; report)</li></ul>
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