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Understanding Water Recycling Terminology

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As water concerns mount around the globe, it is expected that water recycling and reclamation practices will become much more common in future years. These practices are expected to greatly impact how facilities are operated and cleaned. Because of this, building and cleaning professionals are wise to know more about water recycling, starting with its terminology.

The following definitions, provided by Doug Berjer <<http://current.issa.com/?m=news&event=view&type=13&id=3449&page=8>>, product manager for CFR <<http://www.cfrcorp.com/>>, manufacturers of recycling carpet extractors, should be a good start:

* **WATER RECYCLING:** This is the reusing of treated wastewater for safe and beneficial purposes such as agricultural and landscape irrigation, toilet flushing, and industrial applications.

* **WATER REUSE AND RECLAMATION:** These terms are generally synonymous with water recycling, referring to treated water that can be reused safely for other purposes.

* **GRAY WATER:** Also spelled "grey"; this is untreated wastewater derived from residential, commercial, and industrial facilities, typically used for landscape irrigation. It is estimated that up to 50 percent of a facility's water needs can be met using gray water.

* **PLANNED WATER RECYCLING:** Planned water recycling projects are developed with the goal of reusing or recycling water. Examples include gathering rainwater for irrigation or employing equipment, such as carpet extractors, engineered to recycle water during operation.

* **UNPLANNED WATER RECYCLING:** A common example of unplanned water recycling occurs when cities draw their water supplies from rivers that receive wastewater discharges upstream from other cities.

* **POTABLE:** Water approved for drinking purposes.

* **NONPOTABLE:** Refers to water such as gray water that is not acceptable for drinking but may be safe for plant irrigation and other purposes.

According to Berjer, the goal of water recycling is to find safe, alternative uses for water so that we use it most responsibly. "[Responsible water use] can have other benefits as well," notes Berjer. "For instance, huge amounts of energy are required to collect, deliver, treat, and dispose of water. Recycling water helps reduce this demand and the related energy costs."

CFR, a Tacony Company, designs and manufactures a complete range of eco-friendly carpet cleaning systems and high performance specialty tools with an innovative, patented technology that is radically different from other carpet cleaning systems. Continuous Flow Recycling (CFR) technology provides superior moisture-controlled cleaning, faster drying times, and increased cleaning productivity that is unmatched compared to standard carpet extractors on the market today. Through a state-of-the-art recycling filtration system, coupled with moisture controlled atomization wand technology to minimize carpet moisture, CFR is the Greenest carpet cleaning



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