

By providing this sample list of current technologies, the San Francisco Public Utilities Commission does not endorse, warrant, or make representations or endorsements as to the accuracy, quality or completeness of the information and companies listed, and will not be responsible for any loss, damage, cost or expense the user might incur as a result of the use of, or reliance upon, the information and companies listed.

Non-Potable Water System Vendors			
Company Name	Alternate Water Sources Treated	Website	General Info
Acqualogic	Graywater, blackwater, rainwater, stormwater, & other alternate water sources	http://www.acqualogic.com	Acqualogic builds, installs and services modular and compact water recycling systems for the reuse of graywater, blackwater, stormwater and other alternative water sources. Acqualogic systems are advanced biological treatment systems that can be employed in new or retrofit projects for flows up to 150,000 gallons per day.
Alliance Environmental	Graywater, blackwater, rainwater, stormwater, & other alternate water sources	http://www.allianceenvironmentalllc.com	Alliance Environmental, LLC is a collaborative of engineers, scientists & planners with broad based experience in environmental engineering & sustainability consulting. The Alliance team specializes in analysis & design services & implementation of integrated systems & sustainable solutions for both the built & natural environments.
AquaCELL	Graywater, blackwater, & other alternate water sources	http://www.dewater.com/aquacell.html	Aquacell builds & operates water recycling plants. The company has systems for either graywater or blackwater recycling & can be retrofitted to existing structures or integrated into a new development.
AquaHarvest Technologies	Graywater, rainwater, stormwater, & other alternate water sources	http://www.aquaharvesttech.com/	AquaHarvest Technologies designs & delivers single source integrated water reuse systems to capture & treat water for a variety of beneficial reuse applications.
AquaPoint	Graywater, blackwater, & other alternate water sources	http://www.aquapoint.com/	AquaPoint has a portfolio of fixed-film treatment technologies to address a wide variety of alternate water sources & treatment standards.

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BIOCLERE	Graywater, blackwater, & other alternate water sources	http://www.bioclere.co.uk/bioclere.php	BIOCLERE is a biological wastewater treatment plant which is safe to operate & reliable. The system copes with small to medium amounts of wastewater, from single family homes to sites with a population of up to 2000 people.
Biohabitats	Graywater, blackwater, rainwater, stormwater, & other alternate water sources	http://www.biohabitats.com/	Biohabitats offers integrated water management strategies for a variety of scales. Biohabitats embrace ‘regenerative design,’ a model that respects Earth’s ecological limits, heals damaged ecological processes, integrates green infrastructure, & catalyzes a mutually beneficial relationship with the land.
BRAE	Rainwater, stormwater, & other alternate water sources	http://www.braewater.com/	BRAE offers a comprehensive selection of rainwater systems & related equipment to support individual project plans for homeowners, contractors, or designers.
Conservation Technology	Rainwater, stormwater, graywater, foundation drainage, & other alternate water sources	http://www.conservationtechnology.com/	Conservation Technology offers cost-effective, fully integrated, custom solutions for any type of non-potable water reuse. We design and manufacture pre-filtration, storage, pumping, treatment, and control systems.

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Exergy	Industrial wastewater	http://exergycorp.com/	Exergy provides revolutionary water and material recycling technologies that recycle process water back into the production process while substantially minimizing the need for water treatment and disposal costs. They use advanced membrane and electro-membrane technologies to purify water and chemicals.
General Electric	Graywater, blackwater, & other alternate water sources.	http://www.gewater.com/products/packaged-systems-wastewater.html	With a simple & expandable building-block design, GE's packaged plants can be quickly set up in virtually any location. They feature scalable treatment capacities (from 50 gallons to 5 million gallons per day) that can be increased as wastewater treatment demand grows.
Greyter	Graywater, rainwater, & other alternate water sources	http://greyter.com/	Greyter's greywater & rainwater harvesting systems are custom designed to meet the needs of buildings with a wide range of water uses depending on the quantity of water available. A Greyter system can be installed in new buildings & in many instances retrofitted for existing buildings.
Greywater Recycling Systems	Graywater	http://greywaterrecyclingsystems.com/	Greywater Recycling Systems developed a new in-home water conservation technology, which redirects graywater originating from bathtubs, showers, sink faucets, and washing machines through a filtration system. The treated water can be recycled to replenish water consumed by toilets or used to wash cars, sidewalks, driveways, and patios.

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HTEC & Ecovie	NSF 350 graywater, rainwater, stormwater, & other alternate water sources	www.htecompany.com www.ecovieenvironmental.com	100% custom and scalable job specific water reclamation systems. Commercially NSF 350 certified process guarantees 6 month and greater service intervals. UL508A custom control panels with extended remote monitoring and open protocol BMS integration. Flexible systems with low power consumption available for 500-20,000+ gallons per day.
Integrated Water Strategies	Graywater, blackwater, rainwater, stormwater, & other alternate water sources	http://www.waterrecycling.com/	Integrated Water Strategies (IWS) develops systems that recycle wastewater & stormwater for residences, businesses, industry & institutions. Their projects issue responsibility in water management by offering at-the-source treatment & maintain environmental integrity by using low-impact technology.
Living Machine	Graywater, blackwater, rainwater, & other alternate water sources	http://www.livingmachines.com	Living Machine® Technology blends cutting-edge science & engineering with plants & beneficial bacteria to efficiently treat & reuse wastewater, providing lasting water solutions for communities everywhere. Based on the principles of wetland ecology, their patented tidal process cleans water, making the Living Machine® an energy-efficient system that meets high quality reuse standards.
Natural Systems Utilities	Graywater, blackwater, rainwater, & other alternate water sources	http://www.naturalsystemsutilities.com/	Natural Systems Utilities (NSU) is a distributed water infrastructure company that plans, designs, builds, owns, & operates on-site, ecologically based water systems. We create & run fully integrated water supply, wastewater treatment, & reuse systems for a variety of scales.

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Company Name	Alternate Water Sources Treated	Website	General Info
Organica	Graywater, blackwater, & other alternate water sources	http://www.organicawater.com/	Organica develops systems that treat and recycle wastewater using Integrated Fixed Film Activated Sludge (IFAS). Organica offers a variety of products and services to help customers build and operate space and energy efficient biological wastewater treatment plants.
PERC Water	Graywater, blackwater, rainwater, stormwater, & other alternate water sources	http://www.percwater.com	PERC Water Corporation is a leading water infrastructure company that develops, designs, builds, operates, and manages water and wastewater infrastructure throughout the United States. PERC Water’s track record includes the design of 60 water and wastewater infrastructure projects over the past 16 years, 22 of which we have built and placed into operation. Our unique project approach results in certainty of cost, risk management, schedule and water quality for our clients.
RainHarvest Systems	Rainwater & stormwater	http://www.rainharvest.com/	RainHarvest Systems is focused on removing the barriers for widespread deployment of rain harvesting in the United States. RainHarvest Systems sources a variety of top tier products from the leading manufacturers & purchase them in volume quantities so we can pass the discount on to our customers & dealers.
RainTechPro	Rainwater & stormwater	http://www.rainwatercollecting.com/	RainTechPro rainwater harvesting systems are complete system packages designed to effectively collect, filter, store & distribute rainwater for your many needs.

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Rainwater Management Solutions	Rainwater & stormwater	http://www.rainwatermanagement.com/	Rainwater Management Solutions brings a commonsense, cost-effective approach to the escalating issue of water conservation & management through its innovative rainwater harvesting system designs.
Sustainable Water	Graywater, blackwater, rainwater, stormwater, & other alternate water sources	http://sustainablewater.com/	Sustainable Water is a leading provider of water reclamation and reuse solutions. Sustainable Water’s ecologically-driven projects bring together teams of experts comprised of seasoned water industry veterans, world-class design engineers and award winning commercial contractors who have built hundreds of high-profile, first-of-their-kind, multi-million dollar projects.
Wahaso	Graywater, rainwater, stormwater, & other alternate water sources	http://wahaso.com/	Wahaso provides complete design/build systems custom-tailored to each building. Wahaso specializes in commercial applications & their systems are designed with the sophisticated controls required in commercial buildings for reliability.
Water Control Corporation	Graywater, blackwater, rainwater, stormwater, & other alternate water sources	http://watercontrolinc.com/	Water Control can build a packaged, turnkey solution to virtually any commercial or institutional water treatment issue. They have an in-house team of professionals & local representatives to assist from conception to commissioning, to service & upkeep. Every installation is performed by a licensed plumbing/mechanical contractor.

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UV Consultants		
Name	Company	Email Address
Andrew Salveson	Carollo Engineers	ASalveson@carollo.com
Chengyue Shen	HDR	chengyue.shen@hdrinc.com
Brian Townsend	Black and Veatch	townsendbr@bv.com

Validated UV Systems					
<p><i>These UV systems have been validated using one of the following: EPA UV Disinfection Guidance Manual (USEPA 2006), German UV Devices for the Disinfection for Drinking Water Supply Standard (DVGW 2006), NSF/ANSI 55 Class A. These systems have been accepted previously by the CA Division of Drinking Water.</i></p>					
Company	Brand Name/Trade Name/Model	Gallons Per Minute (GPM)	Validation Standard	UV Transmittance (UVT)	Dose
Greenway Water Technologies	GAUV-32HMAX[1]	16.1	NSF ANSI 55 Class A	97%	40 mJ/cm2
Luminor Environmental	LBH6-40XA	13	NSF ANSI 55 Class A	70%	40 mJ/cm2
Puretec	RI-17KA	13	NSF ANSI 55 Class A	Unknown	Unknown
UV Pure Technologies	Hallett 15xs	14.6	NSF ANSI 55 Class A	75%	40 mJ/cm2
UV Pure Technologies	Hallett 30	27.4	NSF ANSI 55 Class A	75%	40 mJ/cm2
Viqua	PRO10	10	NSF ANSI 55 Class A	70%	40 mJ/cm2
Viqua	PRO10S	10	NSF ANSI 55 Class A	70%	40 mJ/cm2
Viqua	PRO20	20	NSF ANSI 55 Class A	70%	40 mJ/cm2
Viqua	PRO20S	20	NSF ANSI 55 Class A	70%	40 mJ/cm2
Viqua	PRO30	30	NSF ANSI 55 Class A	70%	40 mJ/cm2
Viqua	PRO30S	30	NSF ANSI 55 Class A	70%	40 mJ/cm2

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