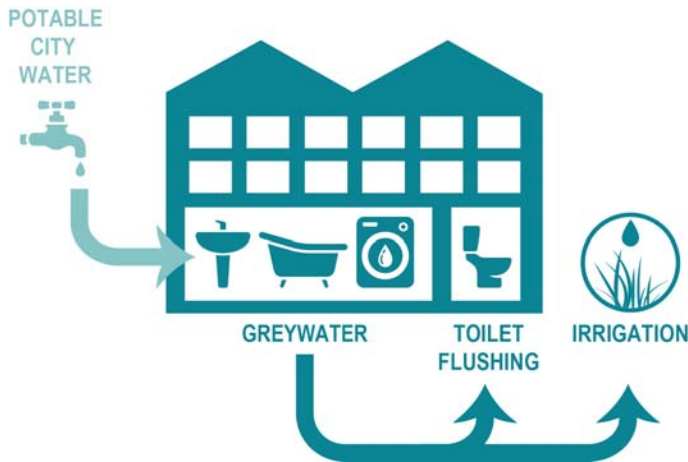


A COMMUNITY OF FRIENDS

# Cedar Springs Apartments Greywater Treatment & Reuse

La Verne, California



conservation planning  
ecological restoration  
*regenerative design*



800.220.0919  
www.biohabitats.com

*Cedar Springs Apartments is an affordable housing community with a goal to reduce potable water consumption through the treatment and reuse of greywater.*

A Community of Friends (ACOF) is one of the largest non-profit affordable housing developers in the Los Angeles area, and strives to provide safe housing for homeless, disabled, and very low income persons that is also sustainably built and maintained. Cedar Springs Apartments is a multi-family affordable housing community located in La Verne, California, approximately 30 miles east of Los Angeles. The community consists of 36 residential units, a community building, and a retail building. The project is pursuing LEED certification and/or Living Building Challenge Petal Certification and desired a method to reduce potable water use at the site to help meet these goals.

Biohabitats designed and permitted a greywater treatment and reuse system to collect greywater from the building lavatory sinks, showers,

and laundry machines and treat it to meet 100% of the non-potable demand for in-building toilet flushing and site irrigation. The system consists of a textile filter, followed by microfiltration and disinfection. The use of the system will save 605,000 gallons of potable water annually, or about 12.1 million gallons over a 20 year period.

The onsite treatment system is one of the first permitted indoor reuse systems for a commercial development in the City of La Verne, and Biohabitats assisted in the successful navigation of the plan check process with the City and County. Cedar Springs has earned LEED for Homes Platinum Certification.

## SERVICES

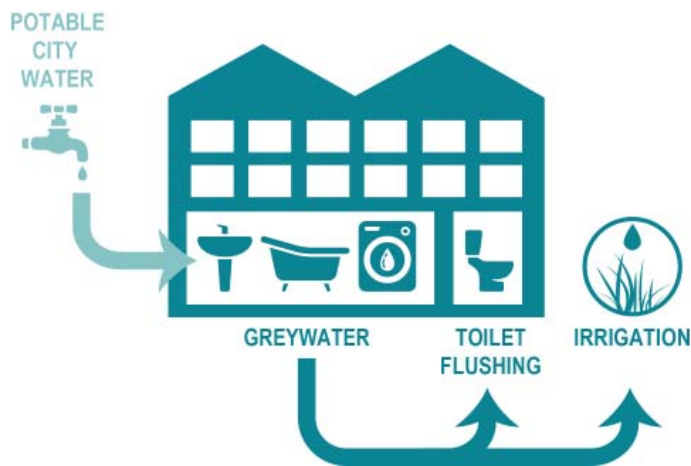
Planning  
Green Infrastructure  
Design  
Construction Management



## A COMMUNITY OF FRIENDS

# Cedar Springs Apartments Greywater Treatment & Reuse

La Verne, California



*Cedar Springs Apartments is an affordable housing community with a goal to reduce potable water consumption through the treatment and reuse of greywater.*

A Community of Friends (ACOF) is one of the largest non-profit affordable housing developers in the Los Angeles area, and strives to provide safe housing for homeless, disabled, and very low income persons that is also sustainably built and maintained. Cedar Springs Apartments is a multi-family affordable housing community located in La Verne, California, approximately 30 miles east of Los Angeles. The community consists of 36 residential units, a community building, and a retail building. The project is pursuing LEED certification and/or Living Building Challenge Petal Certification and desired a method to reduce potable water use at the site to help meet these goals.

Biohabitats designed and permitted a greywater treatment and reuse system to collect greywater from the building lavatory sinks, showers,

and laundry machines and treat it to meet 100% of the non-potable demand for in-building toilet flushing and site irrigation. The system consists of a textile filter, followed by microfiltration and disinfection. The use of the system will save 605,000 gallons of potable water annually, or about 12.1 million gallons over a 20 year period.

The onsite treatment system is one of the first permitted indoor reuse systems for a commercial development in the City of La Verne, and Biohabitats assisted in the successful navigation of the plan check process with the City and County. The system (and development) is currently under construction, with a target completion date of April 2016.

### SERVICES

Planning  
Green Infrastructure  
Design  
Construction Management

conservation planning  
ecological restoration  
regenerative design

 **Biohabitats**  
SOUTHWEST BASIN & RANGE BIOREGION  
505.988.7453  
www.biohabitats.com