

## RAINWATER/GREYWATER SOLUTIONS

### Triple Clear's Systems Solve the Complex Challenges of Water Reuse

Rainwater reuse and Greywater systems are becoming a standard element in water system design around the world. However, current technologies struggle to be reliable, consistent and cost effective.

The bottom line is that these applications are challenging and most of the technologies designed to handle this type of application are not commercially reasonable to be implemented on a small scale.

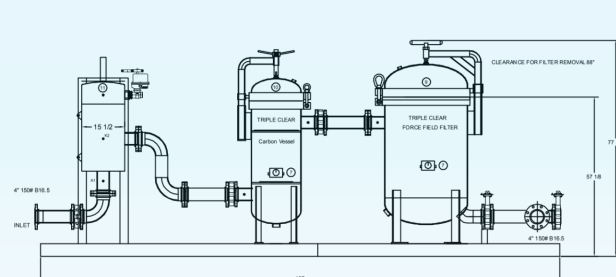
Triple Clear has developed water filtration systems that deal with the challenges of this type of water filtration, including tackling difficult organic contaminants in water, with no chemicals, no electricity, and no moving parts. The results we get can reach potable quality if needed.

**Don't take chances with your water. Upgrade to Triple Clear today!**

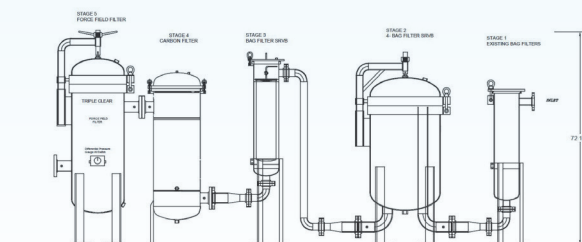
#### FEATURES:

- Pre-packaged solutions from 10gpm to 400gpm
- Removes particulate matter down to 0.001um equivalent
- Removes > 99.9% of viruses, bacteria, and cysts
- Removes > 98% of lead and some other harmful metals
- Removes > 99.9% of cellular debris that causes biofilms
- Requires no chemicals
- Excellent removal of organics
- Low maintenance
- Pressure drop as low as 2 psid (15 psid max recommended)

**Rainwater System  
100gpm, 3-Stage**



**Greywater System  
20gpm, 5-Stage**



**Protect Your Building.**

**Protect Your Tenants.**

**Protect the Environment.**

## Case Study: Certified Performance by Third-Party Testing

Triple Clear was brought in to replace a solution which was failing in a college dormitory water reuse system. The college wanted to reuse shower and sink water for toilet flushing. However, the existing chemical system was never able to produce acceptable results. Triple Clear’s simple solution had no moving parts, used no chemicals, and used no electricity. The results were astounding.

## Test Results from Water Reuse System

### Before

Client:	Triple Clear
Analysis:	Total Coliform/E. coli (IDEXX)
Project Name:	N/A
Client Sample ID:	Raw
Sample Date/Time:	
BCS Sample ID:	1611164
Sample Description:	Water
Date Received:	November 15, 2016 11:52
Amount Submitted:	250 mL
% Solids:	N/A
Amount Analyzed:	0.1 mL
Receipt Temperature:	23.1 deg C
Preserved:	No
Analysis Start:	November 15, 2016 15:15
Analysis Stop Date:	November 16, 2016 10:40
Analyst:	Wei-yea Hsu, M.S.
Qualifier:	None
Primary Value:	261,300 Total Coliform MPN/100 mL
Secondary Value:	2,000 E. coli MPN/100 mL
Analysis Notes:	Sampling date and time not provided.

Client:	Triple Clear
Analysis:	Heterotrophic Plate Count
Project Name:	N/A
Client Sample ID:	Raw
Sample Date/Time:	
BCS Sample ID:	1611164
Sample Description:	Water
Date Received:	November 15, 2016 11:52
Amount Submitted:	250 mL
% Solids:	N/A
Amount Analyzed:	2 mL
Receipt Temperature:	23.1 deg C
Preserved:	No
Analysis Start:	November 15, 2016 15:35
Analysis Stop Date:	November 21, 2016 9:04
Analyst:	Wei-yea Hsu, M.S.
Qualifier:	None
Primary Value:	2,820,000 Microorganisms CFU/sample analyzed
Secondary Value:	1,410,000 Microorganisms CFU/mL sample
Analysis Notes:	Sampling date and time not provided.

### After

Client:	Triple Clear
Analysis:	Total Coliform/E. coli (IDEXX)
Project Name:	N/A
Client Sample ID:	Sample 2
Sample Date/Time:	
BCS Sample ID:	1611165
Sample Description:	Water
Date Received:	November 15, 2016 11:52
Amount Submitted:	250 mL
% Solids:	N/A
Amount Analyzed:	100 mL
Receipt Temperature:	23.1 deg C
Preserved:	No
Analysis Start:	November 15, 2016 15:15
Analysis Stop Date:	November 16, 2016 10:40
Analyst:	Wei-yea Hsu, M.S.
Qualifier:	U
Primary Value:	≤1.0 Total Coliform MPN/100 mL
Secondary Value:	≤1.0 E. coli MPN/100 mL
Analysis Notes:	Undetected: Analyte was not detected in the sample analyzed; Value represents the method's detection limit for the amount of sample analyzed as per the method's standard reporting units; Sampling date and time not provided.

Client:	Triple Clear
Analysis:	Heterotrophic Plate Count
Project Name:	N/A
Client Sample ID:	Sample 2
Sample Date/Time:	
BCS Sample ID:	1611165
Sample Description:	Water
Date Received:	November 15, 2016 11:52
Amount Submitted:	250 mL
% Solids:	N/A
Amount Analyzed:	2 mL
Receipt Temperature:	23.1 deg C
Preserved:	No
Analysis Start:	November 15, 2016 15:35
Analysis Stop Date:	November 21, 2016 9:04
Analyst:	Wei-yea Hsu, M.S.
Qualifier:	U
Primary Value:	≤1.0 Microorganisms CFU/sample analyzed
Secondary Value:	≤0.5 Microorganisms CFU/mL sample
Analysis Notes:	Undetected: Analyte was not detected in the sample analyzed; Value represents the method's detection limit for the amount of sample analyzed as per the method's standard reporting units. Sampling date and time not provided.

**From Dangerous to Undetectable with Triple Clear!**