



ONSITE WATER REUSE PROJECT SCREENING FORM

Before filling out this form, download it and save to your computer. Fill out the saved version.

The purpose of this free screening form is for potential users of onsite water reuse systems to briefly describe the type of reuse system they would like to install at their home or business. This form is for both residential and commercial projects.

Prior to filling out this form, please review the website smchealth.org/alternativewater to learn about our requirements and understand the differences among alternative sources and uses. Basic information about Onsite Water Reuse project information can be found on the back of this form.

Please attach a brief description of the proposed project with this form. Upon receipt of this form, Environmental Health Services will review the information provided, determine requirements the project must meet, and determine the level of plan review and possible required fees. Environmental Health Services will notify the project applicant within 15 calendar days of receiving the form via email. All project applicants must contact their local building department to determine if plan review and/or permits are required.

PROJECT APPLICANT INFORMATION:

Applicant Name:
Business Name (if applicable):
Phone Number:
Email:

PROJECT SITE INFORMATION:

Site Address:
City:
Property Owner Name:
Email:

PROJECT INFORMATION:

Proposed alternative water source(s):
Rainwater
Gray water
Foundation drainage
Stormwater
Well water

Indicate all proposed use(s) of alternative water:

Storage volume in gallons (if there are tanks):

Size (ft²) of distribution area (for irrigation): Will a pump be used?

Is treatment proposed (list if applicable):

Please attach a brief description of the proposed project with this form.

FOR DIVISION USE ONLY:

Date Received: REHS Initials: Review Date: Review Required?

Comments:

ONSITE WATER REUSE PROJECT INFORMATION

ALTERNATIVE WATER SOURCES AND INTENDED USES

There are several types of alternative water sources that can be generated onsite that can potentially be used at the **residential scale** for non-potable beneficial uses after appropriate treatment.

These sources include:

- **Gray water:** includes wastewater from bathtubs, showers, bathroom sinks, clothes washing machines, and laundry tubs. It does **not** include wastewater from toilets, utility sinks, kitchen sinks, or dishwashers.
- **Rainwater:** precipitation collected from **roof surfaces** or other approved **above-grade** collection surfaces that limit potential pollutants.
- **Stormwater:** precipitation collected at or below-grade (ground) through approved collection surfaces. This type of non-potable water source typically has more pollutants than rainwater.
- **Foundation drainage:** Nuisance groundwater that is extracted to maintain the structural integrity of a building.
- **Irrigation well:** groundwater from a permitted well that has **not** been certified as a potable water source.

Only the State can permit reuse of treated blackwater/sewage.

RESIDENTIAL USE OF ALTERNATIVE WATER SOURCES

An Environmental Health Services review is **NOT** required when:

- **Gray water:** A gray water system is comprised solely of a clothes-washer system that diverts gray water to subsurface irrigation or an appropriately configured and maintained mulch pile, as long as it meets all requirements specified in Section 1602.1.1 of the Uniform Plumbing Code (UPC). This is often referred to as **Laundry to Landscape**.
- **Rainwater:** Standalone rainwater barrels are not connected to the home's internal plumbing supply (and are less than 360 gallons).

Please be advised that all alternative onsite water reuse systems may require a permit from your local building department.

COMMERCIAL USE OF ALTERNATIVE WATER SOURCES

An Environmental Health Services review **IS** required when:

Environmental Health Services requires a plan submission for any residential project proposing to use the following in addition to building department permits:

- **Any alternative water** is used inside a home or business.
- **Treated gray water or treated foundation drainage water** is used for surface drip and/or spray irrigation.
- **Treated rainwater or well water for non-potable applications** is used inside the home, such as toilet flushing and clothes washing.

Alternative water sources should not be intermingled, and must have a separate water treatment and/or delivery system.

In addition to tertiary treated recycled water, Environmental Health Services may allow commercial properties to utilize onsite alternative water sources described above for internal and external non-potable water applications. **The use of onsite treated blackwater/sewage may only be permitted by the State. All commercial projects proposing use of recycled or alternative water sources must submit plans to Environmental Health Services for approval prior to installation and use.** Projects will be evaluated on a case-by-case basis.