Be RainWise rebates for rain gardens & cisterns

Seattle Public Utilities

King County

Big Roof Case Study

Prospect Congregational United Church of Christ

1919 E Prospect St

RainWise contractor Mars Simpson (left) stands with Prospect UCC congregation members.

Prospect UCC is located in North Capitol Hill.

Contractor: Earth Alchemist Enterprises

Two cisterns

3,230 ft^2 of roof captured

$11,496 rebated

Completed in 2017

Project Summary

Located in the North Capitol Hill neighborhood of Seattle, Prospect Congregational United Church of Christ (UCC) is an open and affirming congregation, welcoming all. Prospect UCC's RainWise installation includes two cisterns, managing rainwater runoff from a total of over 3,000 square feet of roof area. The project

- keeps 12,700 gallons of stormwater out of combined sewers every year,
- provides detention and infiltration of the existing roof area,
- generates water storage for summer landscape irrigation, and
- protects Lake Washington from combined sewer system overflows.

The project was completed in November 2017, with a total of $11,496 covered by the RainWise rebate program.

For more information, please visit: rainwise.seattle.gov

Alternative Formats Available—Call 206-633-0224 or TTY:711

Prospect Congregational United Church of Christ

Before the cistern installation.

The massive 865-gallon cistern is hauled to Prospect UCC.

One of two cisterns installed at the church.

Project Specifications

It only took Earth Alchemist Enterprises about six months to complete the project from initial inspection to final sign-off. Installation included two 865-gallon cisterns, with one on the west side of the church and one on the southeast side. One 865-gallon cistern captures 1,580 ft^2 of roof area, with overflow to the alley and the other cistern captures 1,650 ft^2 of roof area, with overflow to side sewer.

"This was the first 'big roof' project that I did. It required interfacing with many different people, and involved a much larger degree of planning than any residential project I've done. Working with the church members was great! They were very excited to be taking part in the RainWise program and their enthusiasm helped propel the project forward."

Mars Simpson, Earth Alchemist Enterprises

Environmental Stewardship

"We are excited to have these two cisterns as tangible evidence of our willingness to walk the talk about caring for our environment. We talk about environmental justice and climate change and are pleased to be taking this step to mitigate stormwater runoff in our community."

Pastor Meighan Pritchard, Prospect UCC

In March 2018, the RainWise Program celebrated Prospect UCC's commitment to clean water with a dedication and ribbon-cutting ceremony. Prospect UCC hopes others join the RainWise program! Project partners include church leadership, King County staff, RainWise outreach staff and the creative design talents of the RainWise contractor, Earth Alchemist Enterprises.

About RainWise

RainWise is a joint program between Seattle Public Utilities and King County Wastewater Treatment Division that provides rebates for rain gardens and cisterns to private property owners in eligible areas. Rain gardens and cisterns help control stormwater, reducing sewer overflows and the erosion of hillsides and stream banks. We'll help you determine if your property qualifies.

For more information, please visit: rainwise.seattle.gov

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Case study completed by Urban Systems Design. Contact us at 206-678-2604 or email at Sonja.rainwise@gmail.com.