

2013 Black Mountain Irrigation Project CIA Community Project in Conjunction with Green Industry Council

The CIA promotes July as Smart Irrigation Month through volunteer projects around the state. This project was done in conjunction with the GIC. The Black Mountain Home for Children was chosen as a community project for 2013.



The Black Mountain Home for Children is a not-for-profit organization that helps provide a safe environment for children and young adults that have nowhere else to go. A section of the campus has been set aside for a community garden that provides food to local food banks and homeless shelters. The project entailed installing a three-zone drip irrigation system in this garden.

The project included installing a centrifugal pump, controller, rain sensor, three zones of drip irrigation and a yard hydrant. The water source is a nearby mountain stream.



All materials for the installation were donated by these CIA Associate Members:

Rain Bird Corporation – controller, rain sensor, valves, drip tubing, and associated filters and fittings.

John Deere Landscapes – valve wire, relay switch and foot valve

Smith Turf & Irrigation – coordinated material donations, donated a full day of time and expertise on the day of installation, and provided lunch to a group of hungry volunteers.



K2 Irrigation Service – pump, PVC pipe & fittings, valve boxes, and associated fittings. Also, six crew members to install the irrigation system.

Eco Irrigation – donated money to help offset the cost of the project

Fuge Camp – Provided several camp members to help with labor

This project was a great success, thanks to the generous support of time and materials by CIA and community volunteers.