

## 2015-2016 Winners

### 2015 Winner

#### **5-Gas Analyzer Emissions Testing Project**

**Team Members: William Wilson, Bart Agate, Farid Abid, Ray Petlock, Musse Dese**

This team created a method for testing bus exhaust during a bus idle period, analyzing emissions for five contaminants: particulate matter, nitrous oxide, carbon dioxide, hydrocarbons and carbon monoxide. The test helps to evaluate the health of the bus engine and provides important information for decisions on bus replacement.

### 2016 Winner

#### **Ivor Dent Sports Park Stormwater Reuse for Irrigation**

**Team Members: Jill Gillis, Rachel Dumont, Barb Ireland**

This team created a uniquely sustainable system that enables the irrigation of Ivor Dent Park through the reuse of collected stormwater, using less of the City's potable water supply. This is a progressive and innovative approach to water conservation, and sustainability in general. Stormwater reuse is not a common practice yet in Alberta, or even Canada. This project is the first of its kind in the City of Edmonton and has sparked interest from other areas of the city as well as other municipalities looking to adopt similar systems. The team was not required to look into any environmentally sustainable options for irrigation, but went above and beyond typical business practices to practice environmental sustainability.

***Note: As of 2015, award categories were discontinued.***