

Encouraging Environmental Excellence – Silver Level Award

Marathon Petroleum Company, Findlay Office Complex

In 2013, Marathon Petroleum Company, Findlay Office Complex (Marathon FOC) received an Ohio EPA Encouraging Environmental Excellence (E3) Silver Level Award. The silver level recognizes businesses and others that have a good environmental compliance record and have completed environmental stewardship activities. The silver level is open to any business, industry, trade association, professional organization or local government of Ohio.

Marathon FOC is the corporate headquarters for Marathon Petroleum Company LP. It consists of three multi-story office buildings, a service building and a utility plant that maintains a 1,750 KW electrical capacity. The FOC has evolved over its 79-year history from a single six-story office building to the present configuration covering approximately thirteen acres. The FOC operates 24 hours a day, seven days a week, and houses the Marathon Pipe Line LLC operations center that oversees approximately 8,400 miles of pipeline. The FOC houses 1,800 employees.

Improving Environmental Performance

Marathon is committed to minimizing its environmental impacts by reducing wastes and emissions. In 2011, the FOC began a composting program in its cafeteria, where food scraps are separated from regular trash and sent to a composting facility. Through the program, the FOC has diverted 40 tons of food scraps from landfill disposal to date.

A light harvesting project was a major factor in the FOC reducing its electricity consumption by 16.1 percent in 2011, compared to the baseline usage in 2008. During 2011, the FOC's water consumption decreased by 29.5 percent after the replacement of a cooling tower, hot water tank, several hundred steam traps, a de-aeration tank, and the installation of more than 100 automatic water faucets and low-flow flushing toilets and urinals.

Economic Benefits

In 2011, the FOC saved \$4,000 by recycling 103 tons of office waste and \$3,781 by recycling 10 tons of scrap metal during various remodeling projects throughout the year.

In 2011, the FOC saved \$14,529 after they stopped purchasing Styrofoam cups for the coffee bars, and \$13,888 by switching from Styrofoam lunch containers in the cafeteria to paper containers. The facility also saved \$7,773 by giving



Marathon Petroleum Company, Findlay Office Complex is recognized for:

- A comprehensive recycling program along with an energy and waste reduction initiative. In 2011, the FOC recycled one ton of batteries, 20 tons of food scraps, three tons of toner cartridges, ten tons of scrap metal, and 103 tons of mixed office recycling, including paper, soda cans and bottles, cardboard, and mixed plastics. This accounted for 50 percent of their waste stream.
- A composting program, through which 40 tons of food scraps were diverted from landfill disposal from 2010 to 2012.
- Using environmentally friendly cleaning products for the office.
- Installing a system that contains recycled water that is filtered back into a 3,000-gallon holding tank, reducing water consumption by 72,000 gallons.

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employees a discount on drinks if they used a reusable cup. This resulted in a 50 percent reduction in Styrofoam cup use in the cafeteria.

The light harvesting project saved \$163,724 in electricity costs during 2011. The water fixture upgrades saved the FOC \$83,980 during the same time period.

Resource Conservation

According to the U.S. EPA WasteWise Climate Profile report, the FOC's recycling and composting efforts in 2011 have resulted in a reduction of 633.3 million tons CO₂ emitted to the atmosphere. Upgrades over the last several years conserved 11,484,044 gallons of water in 2011. By eliminating an average of 435,000 Styrofoam cups per year, this saves an estimated 87,000 pounds of CO₂ from being emitted per year from the manufacturing process.

Environmental Management System

Marathon employs a plan-do-check review management system framework to drive continual health, environment, safety and security improvement throughout their business operations. The FOC applies the American Chemistry Council's Responsible Care program, and was certified to RCMS standards in May 2008. Corporate standards and guidelines drive consistency and set expectations throughout the company. Management systems are implemented at the organizational level with business segment and corporate oversight. Individual organizations develop programs, processes and procedures that meet requirements. A corporate standard has been set for waste minimization and pollution prevention, helping to drive some of the initiatives at the FOC.

Innovation and Other Initiatives

The FOC Pollution Prevention and Waste Minimization Program is a comprehensive approach for reducing waste, water and energy to benefit the environment. Some of the innovative technologies used are the light harvesting project, in which the lighting system in all three buildings were automated; the use of carbon neutral carpet from InterfaceFLOR; and running one of the most comprehensive waste management programs for an office building in Northwest Ohio. The FOC desired to expand its food scraps composting efforts in the future. The FOC has a certified habitat through the Wildlife Habitat Council. FOC maintains a butterfly garden, placed a nest box on the roof for a peregrine falcon, and coordinates an annual tree planting educational event for a local elementary school.

For More Information

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For more information about Ohio EPA's Encouraging Environmental Excellence program, contact the Office of Compliance Assistance and Pollution Prevention (OCAPP) at 800-329-7518, or visit epa.ohio.gov/ocapp/ohioe3.aspx.