Encouraging Environmental Excellence Achievement Level Recognition

December 6, 2018

The Ohio EPA Encouraging Environmental Excellence Program targets those who reduce waste, improve efficiency and work to continuously improve as an environmental steward. The program has a four-level approach to provide recognition to Ohio businesses and other organizations completing environmentally beneficial activities. Higher levels of recognition are for those who exceed regulatory requirements or commit to future environmental stewardship efforts. The Achievement Level recognizes any applicants completing environmentally beneficial activities. Any business, trade association, professional organization or local government in Ohio may apply. Achievement Level participants must demonstrate significant progress in one of eight environmental stewardship criteria: Impact to the environment; pollution prevention; energy efficiency; renewable energy; renewable, recovered or recycled materials; green building; recycling programs or organics diversion. Achievement Level participants must also demonstrate some level of progress in at least six additional environmental stewardship criteria and indicate they are in compliance with environmental laws and regulations.

Ohio EPA is recognizing the following organization that successfully met the criteria for the Achievement Level of the Encouraging Environmental Excellence Program. Below is a summary of their efforts.

Columbus Fair Auto Auction, Inc. (Columbus): Columbus Fair Auto Auction, Inc., (CFAA) completes an array of auto auction services including remarketing, marshalling, sales, and related automotive preparation services that include body work, painting, automotive service and reconditioning. CFAA launched a company-wide program called "CFAA Cares" that, in addition to community involvement initiatives, included an Environmental Sustainability and Stewardship (ESS) program. The compliance manager attended and successfully completed the City of Columbus' GreenSpot Business Sustainability Course in March 2017, a six-month training program designed to provide businesses with education and resources about creating, or further developing, environmental stewardship programs. Using this training to develop the ESS program at CFAA, a challenge was issued for every department to meet an environmental stewardship objective. Those projects include: instituting shop recycling, hosting an e-waste collection event open to the community, management programs for utilities, and environmentally friendly maintenance options.

Employee involvement has been critical in launching the CFAA ESS program. Employees serve on the CFAA Green Team that works to identify and implement environmental projects and initiatives, submit ideas for waste reduction or sustainability opportunities, and participate in training exercises that help educate other staff about ESS programming that impacts their departments and business practices. Campus wide recycling was initiated in the main business office and has expanded into the shops, leading to the diversion of 40 yards of recyclables out of the general waste collection dumpsters every week. In addition to implementing a unified campus-wide recycling program, the CFAA Green Team established a program with the Maintenance team designed to recover and reuse materials from our buildings and machines that could be repaired or repurposed in other buildings and departments. As

office and building areas have been renovated, items that would have been removed and sent to trash are now being collected for repurposing. Four eight-yard dumpsters on the main campus and three on another campus were traded, and as a result of the contract negotiations, were priced 50% less in fees for every time the recycling was emptied. Over the last eight months, it has resulted in over $9,000 in savings which have been used towards other ESS programs. Recycling in all buildings has been initiated. However, instituting these programs in auto shops will not be completed until the end of first quarter 2018. Event recycling for 2017 included an e-waste collection event in partnership with TechUsed that collected 2,196 pounds of e-waste, and a 98% Zero Waste event for CFAA's Annual Golf Outing.

COX Enterprises, Inc. - Manheim Ohio (Grove City): Manheim Ohio is a Cox Enterprises facility. They are a wholesale used vehicle auction operation, acquiring vehicles, reconditioning them in detailing, painting and body shop operations, and hosting large volume vehicle auction events. Manheim Ohio has adopted three corporate sustainability goals, to be a Zero Waste to Landfill facility by 2024, to achieve carbon neutrality by 2044 and to become water neutral by 2044. To help achieve these goals, Manheim as a Cox Enterprises facility, engages in Lean management principles and the 5S (5 sigma) standard for operational efficiency. Manheim has retrofitted its faucets with aerators to reduce water consumption by more than 140,000 gallons annually. In 2016 Manheim Ohio updated its electronic equipment and sent 6,100 pounds to recycling. After a 2016 energy audit, Manheim retrofitted its indoor lighting (2016) and exterior lighting (2017) to LEDs reducing energy use and costs by approximately 50 percent and an estimated CO_2 reduction of 652 tons. Manheim Ohio has implemented a recycling and composting program that in 2016 achieved a 54 percent diversion rate from the landfill including 19,000 pounds recycled through Single Stream Recycling, 48,000 pounds of Cardboard, 24,000 pounds of organics, 11,500 pounds shredded secure document paper, and more than 100,000 pounds of automotive components.

Custom Pultrusions Inc. - Andersen Aurora Manufacturing (Aurora): Since 1961, Custom Pultrusions Inc. has been fabricating fiberglass composite materials in Portage County primarily for the windows and doors sector. In 2009, Andersen Windows and Doors purchased Custom Pultrusions and began operating as Andersen Aurora Manufacturing. Andersen Aurora Manufacturing follows their corporate office environmental policy to meet and exceed regulatory requirements relating to the environment. A team of management and employees installed a new innovative resin delivery system and upgrades to production lines to help mitigate the release of chemical fumes. They have also updated the production process to further reduce chemical releases. New materials are submitted to the environmental and safety team to analyze possible environmental impacts. If a material is found to have a negative impact, an investigation of alternate materials with reduced or no impact is completed.

The resin delivery project eliminated open drums, pails, and holding tanks and eliminated environmental open container requirements. In addition, uncontrolled resin spills were decreased by reducing operator handling frequency by 94%. 55-gallon drums of liquid resin are no longer transported throughout the plant. In 2009, Andersen Aurora Manufacturing adopted their parent company's Environmental Management System (EMS). Each year, additional opportunities are identified to improve environmental performance with progress measured through third party environmental audits. EMS related efforts include development of a guide to help maintain compliance and the creation of pollution prevention planning aids used to improve efforts in reducing waste. In 2017, Andersen Aurora Manufacturing received an ENERGY STAR Partner of the Year Award from USEPA and the Department of Energy for their contributions to environmental stewardship through energy efficiency.

Detroit Diesel – Reman Engine (Byesville): Detroit Diesel – Reman Engine (DDRE) is an engine repair and rebuilding facility. DDRE introduces its associates to its ISO 14001 Certified Environmental Management System on their first day of on the job training including education on the environmental aspects of their positions. DDRE's SmartSkim® central coolant recycling system and use of CNC machines with coolant mist collectors extend the life of their coolants. DDRE uses flame spray processes to add material to products that extend the life of the equipment. DDRE is also re-lamping their facility to LEDs, has installed occupancy sensors in some areas, and installed new chillers with variable speed drives to improve its energy efficiency. DDRE's recycling program has achieved a 94% recycling rate in 2017 compared to 34% in 2007 working with local recyclers and Goodwill Industries. Material recycled includes paper, cardboard, wood and coolant. DDRE has also reduced aerosol usage by moving from cans of WD-40 to bulk drums with refillable containers.

Land-Grant Brewing Company (Columbus): Land-Grant Brewing Company is a small microbrewery. They have goals to reduce use of electricity and water; divert materials from waste water, achieve Zero Waste to Landfill, and achieve a 95% diversion rate by 2020. In 2017 they launched the Sun-Grant sustainability program with four pillars: mitigate their life cycle impact, reduce the carbon footprint, water stewardship, and developing deep community partnerships. Land-Grant has implemented a Sustainable Management System (SMS) to track the efficiency of their operations for water, gas, electricity, and purchased CO_2 and incorporated the Plan-Do-Check-Act cycle into their operations. Land-Grant has implemented energy efficiency improvements at the facility including a large diameter low velocity fan, biomass powered suspension boiler, and active use of daylighting. Recycling efforts include paper, glass, cans, plastic bottles, cardboard, pallets and electronic waste. Land-Grant polled its community stakeholders to identify sustainability priorities. The Sun-Grant Beer series uses local feedstocks and included a sustainability education campaign. Land-Grant hosts community events with the goal to achieve zero waste. Land-Grant shares information on its efforts through its annual sustainability reports.

For more information about the Encouraging Environmental Excellence Program and the four levels of recognition, visit www.epa.ohio.gov/ohioE3.aspx or call (800) 329-7518.