



The C.A. Lawton Co. **2015 Green Tier Annual Report**

INTRODUCTION:

About the Company

The C.A. Lawton Co. (Calco) is a fifth-generation, family-owned gray and ductile iron foundry located in De Pere, Wisconsin. Calco differentiates itself from its competition by offering customers integrated, value-added services that target simplifying the purchase of complex, large, machined castings. See our website at: <http://www.calawton.com>.

Per Calco's Environmental Policy Statement, "We believe that the virtues of sustainability and sensitivity to the environment and its protection are critical to our success as a business, employer, and community member, while balancing fiscal responsibility and corporate continuity." The company takes its regulatory responsibilities beyond compliance by applying best management practices designed to protect the environment and this philosophy encompasses why The C.A. Lawton Co. chose to become a Green Tier business in 2013.

ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)

During 2014, Calco implemented an EMS. Internal audits of the EMS were completed in January, 2015 and February, 2016 to ensure the system was functionally equivalent with the essential elements of International Organization for Standardization standard 14001. In August, 2016, we will have an audit of our EMS by an outside environmental auditor.

Annually the Executive Team and the Beyond Environmental Compliance (BEC) Team meet to review the results of the internal audit and to discuss future goal-setting. During the annual management review, the group uses the EMS to identify significant environmental impacts in operations to guide corporate goal setting, following the continuous improvement process of plan-do-check-act.

ENVIRONMENTAL COMPLIANCE

The C.A. Lawton Co. operated in regulatory compliance during 2015.

PROGRESS MADE ON GREEN TIER OBJECTIVES AND TARGETS:

In October, 2014, the BEC team identified three (3) objectives, approved by the Executive Team. They are:

Explore and determine ways to recycle and/or reduce the volume of foundry Styrofoam waste sent to the landfill by 15% by the end of fiscal year 2016 (April 2, 2016).

OBJECTIVE RATIONALE: This Objective was set by the BEC Team because of the large volume of Styrofoam waste generated at the foundry. Presently, the Styrofoam (expandable polystyrene-EPS) waste is sent to the landfill, which takes up a significant amount of space, both in collection containers on-site and at the landfill. The team needed to determine if there is a secondary use for the EPS, and whether size and condition (dirtiness) is an obstacle.

During 2015, the team determined that the company generated over 10,700 cubic feet of Styrofoam waste. The waste varied in size from less than 1" pieces to large chunks measuring several feet long and wide. The condition of the Styrofoam ranged from very clean to very dirty. Contaminants included foundry sand, markings from permanent markers, and dust from manufacturing processes.

The team could not identify an end-user of the EPS waste in reasonably close proximity to the facility. In fact, the closest potential user of EPS waste is in Canada.

Next, the team contacted our EPS supplier. They were willing to take back waste if the material was clean, bagged, palletized, and shipped back to their facility at our expense. The direct cost to return clean EPS back to our supplier was \$4.10/#. Disposal of EPS at the landfill is \$.61/#.

The cost to dispose of EPS waste is cost prohibitive at this point in time, and the company will continue to dispose of EPS at the landfill. The best future hope is a beneficial reuse option develops close to our facility. Currently, we do not have any potential targets identified.

Increase Calco employee recycling participation by reducing recyclables in trash by 50% by December 31, 2015.

OBJECTIVE RATIONALE: This Objective was set by the BEC Team because recycling in the City of De Pere is mandatory. Despite that ordinance, significant volumes of recyclable material were appearing in trash cans throughout the organization. The team did not know why this was occurring.

To assess areas of weakness in employee awareness and knowledge of recyclable material recognition, the BEC Team collected “trash” from throughout the company. Recyclable materials were removed from the trash and displayed for employees to see. Recyclable materials made up 40% of the “trash”. Next, educational materials and training was provided for employees to learn about single-stream recycling and guidelines for recycling in Brown County. Specific employee recycling questions were sent to the Brown County Recycling Manager, and his answer was communicated back to the employee body. After six months of recycling awareness and training, a “post program” trash collection was done. Recyclable material in trash was down by half. The goal of reducing recyclable material in trash was reached. The BEC will pursue further elimination of recyclable material into 2016.

Reduce the volume of chemicals sent to the landfill by 20% by fiscal year-end 2016 (April 2, 2016) by means of replacing the mobile mixer.

OBJECTIVE RATIONALE: This Objective was set by the BEC Team because the existing mobile mixer is a source of significant chemical waste when calibrating the mixer each shift. Replacing the mobile mixer will improve production efficiency, and reduce chemical usage and associated costs.

A separate team was created to identify required criteria of a new mobile mixer, evaluate equipment availability, and submit a Capital Appropriations Request. All of these steps took place in 2015, but poor business conditions prohibit the investment at this time. It will be re-evaluated in the future.

OTHER:

The C.A. Lawton Co. is committed to supporting stakeholders and our communities. We participate in educational committees for local high schools and technical colleges, industry associations, and advisory boards.

In 2014, we joined the Adopt-A-Highway program. Three times per year employees, their families, and friends spend time cleaning the roadside of a state highway close to our facility.

With each passing year, we reinforce our desire to operate The C.A. Lawton Co. in an environmentally friendly, sustainable, responsible manner.

Katherine Jungwirth
Compliance & Technical Coordinator

June 30, 2016