

School Year End Report April 2013

Recycling summary:

Trash:	159.8 Tons
Assorted Metals:	19.7 Tons
Paper:	9.17 Tons
Cardboard:	8.52 Tons
Plastic:	1.65 Tons
Electronics:	1.04 Tons
Assorted Batteries:	557 Lbs.
Aluminum Cans:	377 Lbs.
Metal Wire:	356 Lbs.
T.V.s:	270 Lbs.
Motor Oil:	320 Gallons
Assorted Light Bulbs:	1731
Pallets:	910

Additional Information:

RecycleMania: **9th** place in Ohio, **171th** place across America

Recycle Mania is a friendly competition and benchmarking tool for college and university recycling programs to promote waste reduction activities in their campus communities. Over an 8-week period each spring, colleges across the United States and Canada report the amount of recycling and trash collected each week. They are then ranked in various categories such as who recycles the most on a per capita basis, as well as which schools have the best recycling rate as a percentage of total waste, and which schools generate the least amount of combined trash and recycling. With each week's updated ranking, participating schools follow their performance against other colleges and use the results to rally their campus to reduce and recycle more.

2013 was the first year Cedarville has registered for this competition. Cedarville is constantly looking for new ways to improve the way we care for our environment as well as raise awareness of the way the University deals with all of its waste. By joining this competition, we wanted to let students know just how much our campus values our stewardship of the earth, as well as where we stand in comparison to other universities across the United States.

This being our first time ever to participate we are quite pleased with our ranking of **171th** place. There were a total of 406 participating universities.

Below you can see just a few of our stats from the competition as well as how all that recycling helped our environment and the world around us.

Competition	Rank	Lbs. Per Person
Per Capita Classic	171 of 406	10.07
Paper	114 of 247	2.26
Corrugated Cardboard	105 of 247	2.54
Bottles and Cans	133 of 244	0.45

Cumulative Green House Gas Reductions

72 Metric Tons of CO₂, or 14 cars off the road, or the energy consumption of 6 households.

There are still many things we can improve, but at least now we see we are on the right track. The Recycling Program would like to thank all those who helped, especially the custodians. Let us all aim for not only a better rank next year but also for a better environment to live in; for us and our children!

Grease Oil Recovery System for Chuck's as well as the Hive

In the past all the grease oil from both Chuck's and the Hive has been manually taken in buckets to a container adjacent to the SSC dock parking lot. The Recycling Program realized that there are better ways to dispose and recycle this product and started looking into different possibilities. In our search we came upon a company called [Mahoney Environmental](#). Their product allows us to both collect more of the grease oil for recycling purposes, but more importantly allows a semi-automatic retrieval of the grease from the cafeteria itself. This process reduces the time it takes to get rid of the old grease as well as reduces the chances for injuries, spills, and burns from the grease being transported.

The new process has been installed since early February and has gained much appreciation with the cafeteria staff and those who run the system. The old system is still in the process of being removed from campus because we wanted to make sure all the bugs/ learning curves were worked out with the new system before we got rid of the old one.

New Two-Year Recycling Contract with Rumpke

As the Recycling Program developed we realized that a set contract with an external company would assure the best response time and guarantee our ability to both process our recycling materials and sell them at the best pricing available. The best way to do that is through a contract between us and an outside recycling company.

In the past, our contracts dealt with waste alone. Therefore we decided to create our own separate recycling contract. The contract was sent out for bid with [Waste Management](#), [Rumpke](#), and [Republic](#). At the end of a month long process of deciding on the best option for our program and the University, Rumpke was awarded a two year contract for recycling on campus.

While as students and faculty you may not see too much of a difference around campus I can assure you that the contract gives our program the best quality of operations to process the University's recycling after our initial collection around campus.

New Solar Array Grand Opening!

As some of you are aware Cedarville has been working on building the largest solar system in Ohio to be directly connected to a university. After hard work it is just about ready. The grand opening for the array is April 26th. The solar array will be open to anyone who wants to see it; transportation will not be provided. The gates should be open the Friday of commencement as well.

It is located on the southwest edge of campus and will be able to produce 2,154 kilowatts of electricity. This is enough to serve the needs of 250 homes ("Cedarville Announces," 2013). The solar array is yet another step in the University's stewardship of natural resources and the intentional practice of "creation care". The solar array provides a hands-on "living laboratory" for the University's engineering department to continue their long-term focus on solar energy. The project is considered budget neutral. The University only has to provide the space and to purchase 100% of the electricity as it is.

References:

Cedarville Announces Large Solar Power Installation. (2013). from <http://www.cedarville.edu/Offices/Public-Relations/CampusNews/2013/Cedarville-Announces-Large-Solar-Power-Installation.aspx>