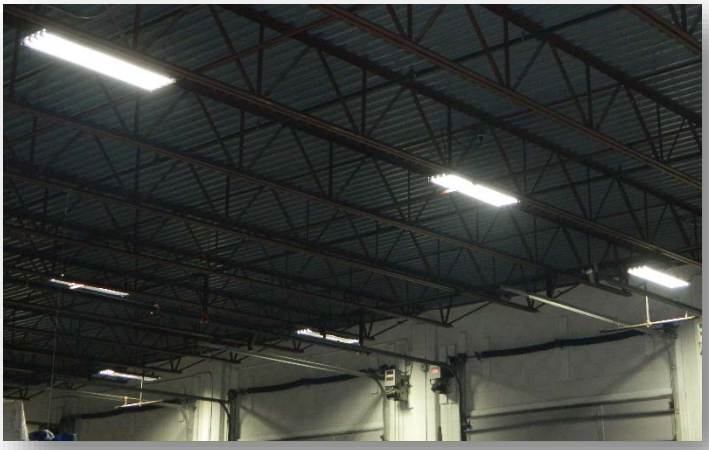
NORTH SHORE ENVIRONMENTAL CONSTRUCTION, INC

GERMANTOWN FACILITY

2014 GREEN TIER ANNUAL REPORT

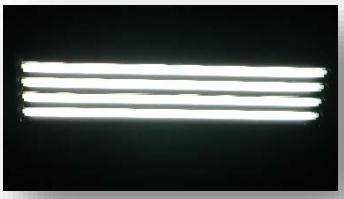
EXECUTIVE SUMMARY

The Germantown facility of North Shore Environmental Construction, Inc. (NSEC) was accepted into the Wisconsin Department of Natural Resource's Green Tier program as a tier one participant on December 19th, 2014. As an environmental contractor specializing in hazardous and non-hazardous waste, emergency response and environmental site remediation, we found that our company objectives aligned seamlessly with the goals of the Green Tier program. Since inception in 1989, NSEC has taken the lead in environmental protection while assuring both economic stability and growth within its company. In the past several years NSEC has designed, built and implemented a number of innovative site remediation technologies. We are continuously experimenting with new ideas, and have pioneered our own direction within the environmental industry. In the coming year we plan to broaden our focus by better understanding and addressing our company's impact on the environment. Our goals for 2015 include: developing an organized recycling and composting program for our facility, finding effective ways to reduce our overall energy consumption, developing more advances in our mercury chemical decontamination technology, and to complete our functionally equivalent Environmental Management System (EMS).

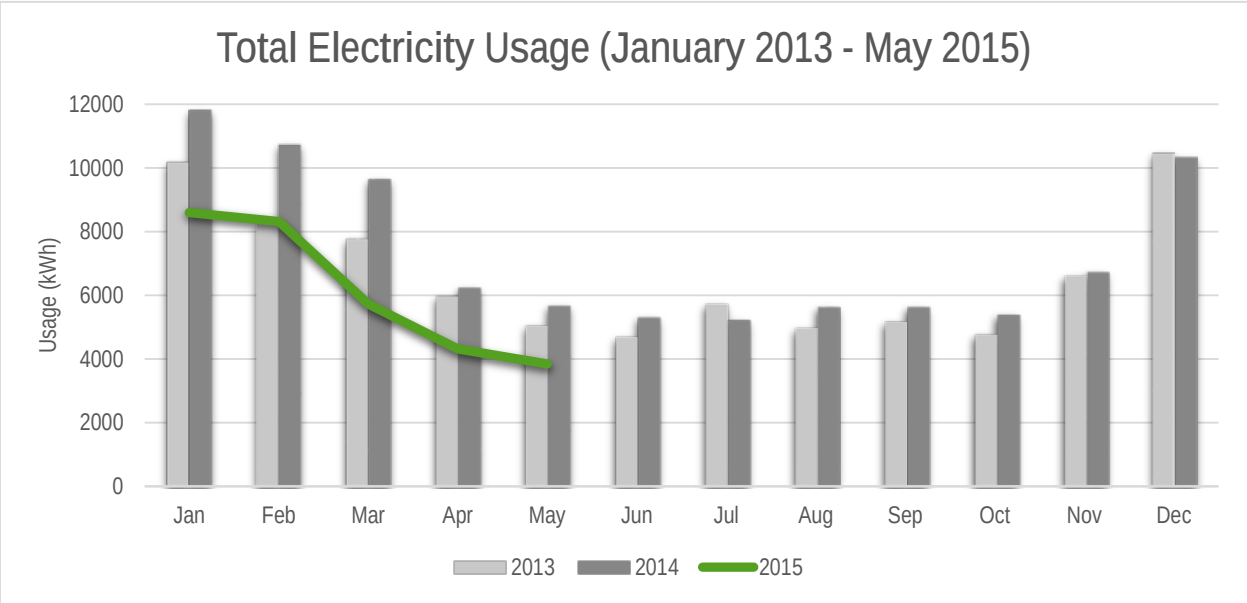


PROGRESS – ENERGY REDUCTION

Our immediate focus once accepted into the Green Tier program has been to reduce the total electricity usage at the Germantown facility. Through research online we discovered the Focus on Energy program that was specially designed for small businesses. The Small Business Program allowed us to better identify opportunities for energy efficiency within our facility. After receiving a lighting assessment, we worked with a Focus on Energy Trade Ally. The Trade Ally worked with us to purchase energy efficient lighting for our warehouse, occupancy sensors for our bathrooms and LED exit signs. A total of 20 (400 watt) high intensity discharge high bay lighting fixtures were replaced with T5 fluorescent lighting fixtures. Three wall box occupancy sensors



were installed in the bathrooms at the facility. Nine compact fluorescent exit signs were replaced with LED exit signs. We used historical data from the utility company to determine the impact of participating in the Focus on Energy Small Business Program. The graph below illustrates the amount of electricity used in kilowatts per hour from January 2013 through May 2015. Based on our findings we have reduced our electricity usage by approximately 13.75% (when comparing the months of January through May in 2013, 2014 and 2015) since the installation of lighting, occupancy sensors and exit signs. We hope to see this trend continue throughout the rest of 2015. It is expected that in 2017 the cost of these improvements will be offset by savings reflected in our electric bills.



PROGRESS – DEVELOPING MERCURY CHEMICAL DECONTAMINATION TECHNOLOGY

Mercury in wastewater treatment plants pose a serious threat to the health of our water systems. NSEC works with federal environmental regulatory agencies such as the Environmental Protection Agency (EPA), and with state and local environmental regulatory agencies to aid in eliminating this threat. As of April 1st, 2015 NSEC has successfully completed three mercury decontamination projects at wastewater treatment plants in the Midwest. One of which has been coined as the largest structural mercury decontamination project in the United States. We find that our objective of developing mercury chemical decontamination technology supports the foundation on which the Green Tier program was built upon. We are continuously searching for more ways to advance this technology, and believe that becoming part of the Green Tier program will help to achieve this. These advances in mercury chemical decontamination technology will substantially reduce the amount of waste from being disposed of at Subtitle C (hazardous waste) landfills. In the most recent mercury decontamination project, NSEC hauled an estimated 17,580.80 tons of filter rock offsite to a local landfill for beneficial reuse. Approximately 29,360 pounds of metal was also hauled offsite to a scrap metal recycler. 730.27 tons of non-hazardous mercury contaminated debris from the trickling filters was hauled and disposed of

at the local landfill, diverted from the Subtitle C (hazardous waste) landfill. All the remaining material from the project that was in direct contact with elemental mercury was removed and containerized for offsite disposal at a retort facility. The retort facility recycled the mercury for use in new products.

CONCLUSION

In the six months that our company has been part of the Green Tier program, we have learned a lot about NSEC's impact on the environment. From transportation to paper reduction, we have many things to address in the coming years. As mentioned earlier, our functionally equivalent EMS will be completed by December 19th, 2015. NSEC believes that once the EMS is put in place, exceptional environmental performance will be found in nearly every aspect of our company. In the coming year we expect a 15% reduction in electricity usage from 2013 and 2014. Our continuous efforts towards developing mercury decontamination technology will continue throughout the company's existence. We will use the annual report to outline the progress we are making in such strides.