



Indiana CLEAN Community Challenge Annual Performance Report

State Form 53116 (R / 3-09)
Indiana Department of Environmental Management
CLEAN Community Challenge

Indiana Department of Environmental Management
Office of Pollution Prevention and Technical Assistance
100 North Senate Avenue IGCS W041
Indianapolis, IN 46204-2251
Telephone: (800) 988-7901
FAX: (317) 234-6573
www.cleancommunities.IN.gov

The Indiana CLEAN Community Challenge Annual Performance Report should demonstrate progress toward objectives and targets AND certify CLEAN Community Challenge requirements continue to be achieved. The Annual Performance Report should include the status of projects committed to in your community's original application, results of completed projects, and assurance that an annual Quality of Life Plan review was conducted by your community. Indiana CLEAN Communities must submit an Annual Performance Report two months after the anniversary of their CLEAN Community designation date.

Please do not include any confidential community or business information in your Annual Performance Report. Public access laws require IDEM to make the Annual Performance Report publicly available, which may include posting all portions of your report on the Indiana CLEAN Community Challenge Web site.

Your Annual Performance Report should be reviewed and signed by a senior manager at your community prior to submittal. Once signed, fax or mail the report to IDEM. If you have any questions, please contact the CLEAN Community Challenge Program Manager at 800-988-7901.

COMMUNITY INFORMATION

Name of Community City of Noblesville
Street Address (<i>number and street</i>) 16 S. 10 th Street
City, State, ZIP Code Noblesville, IN 46060
Web site www.cityofnoblesville.org

CONTACT INFORMATION

Name of Contact Amy Shankland
Title Grant Coordinator
Telephone number 317-776-6324
FAX number 317-776-6363
E-mail address ashankland@noblesville.in.us
Mailing Address (<i>number and street</i>) 16 S. 10 th Street
City, State, ZIP Code Noblesville
Reporting Period Dates (<i>month, day, year</i>) 1-1-12 to 12-31-12
If this is your third Annual Performance Report, do you wish to renew your Indiana CLEAN Community Challenge designation? <input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, your community will need to provide five new objectives and targets in the Continual Environmental Improvement section of this report.

ENVIRONMENTAL MEDIA ACTIVITIES

Please identify the five objectives and targets in your Quality of Life Plan and describe the baseline measurement, the progress made during the past year, future plans for achieving each target, and any cost savings experienced as a result of the target.	
Environmental Media Activity #1	
Objective Reduce electricity consumption in CLEAN department buildings- Parks and Recreation, Wastewater (WW), Street, Engineering (City Hall)	
Target Reduce electricity consumption in CLEAN department buildings by 3% in 2011, 3% in 2012, and 4% in 2013 (total of 10% by end of 2013)	
Baseline	Progress Made
Baseline electricity usage data was collected for January - June 2011. The CLEAN buildings consumed 4,887,160 KWH of electricity in the first half of the year.	Calendar year 2011 Progress made In 2011 the CLEAN Departments used 9,957,759 KWH. Departments used more electricity in the second half of the year vs. the first (5,070,599) Noblesville's Wastewater Utility had expanded to keep up with Noblesville's rapidly rising population, thereby increasing electricity usage. The Wastewater Department installed energy controllers on nine Noblesville Wastewater Utility lift station motors and 20 utility plant motors and panels in December of 2010 to help lower electricity usage. Wastewater operators also shut down computers every night, with only the billing office leaving its computers on in the evenings. Also, I/T's computer shut off procedures had not been implemented as originally planned.

	<p>Calendar year 2012 Progress made In 2012, CLEAN Departments used 10,023,123 KWH. While there was not the decrease from the previous year that the team hoped for usage remained about the same. During the week of May 14, the Wastewater Department hydroexcavated their worst air leaks to help the blowers run more efficiently. In 2013, after all CLEAN Departments utilize City Works, the I/T department will do its part to reduce electricity by implementing automatic shut offs.</p> <p>Hurdles overcome Wastewater took a good step to reduce their electricity usage in 2012 thanks to taking care of their air leaks to help the blowers run more efficiently. The CLEAN Tip of the Month encouraged employees to do their part by turning off lights and other devices that use electricity.</p>
Upcoming Plans to Achieve Target	Cost Savings
<ul style="list-style-type: none"> - Continue to change out incandescent bulbs to LED or flourescent as appropriate. - Work with other wastewater utilites in Indiana to learn energy saving strategies. - Implement I/T's computer shut off program. - Continue to encourage employees to conserve electricity through CLEAN Tip of the Month, HR newsletter articles, and City intranet. - Utilize Facility Dude (Utility Trac) free software to start to find errors and reduce usage in 2013 	While the CLEAN team didn't save money on electricity in its buildings in 2012, it anticipates doing so in 2013.
If this is your third annual performance report, please provide the final results of this activity. If the objective and target were not achieved in the three year designation period, provide a description of why the objective and target was not met.	

Environmental Media Activity #2	
Objective Reduce adverse impact on water quality from agrochemical usage, reduce or eliminate phosphorous in CLEAN departments	
Target Reduce quantity of agro chemicals by 4% in 2011, 3% in 2012, and 2% in 2013 (9% at end of three years), measured in pounds for dry fertilizer and gallons for liquid.	
Baseline	Progress Made
Baseline agrochemical usage was collected for calendar year 2011. The CLEAN departments used 965.39 gallons and 24,256.60 pounds of agrochemicals.	<p>Calendar year 2011 Progress made Six full time golf course staff members were already trained on agrochemical usage in early 2011. One additional employee was trained in early 2012. The Wastewater Department will train one person in 2012 as well.</p> <p>Calendar year 2012 Progress made In 2012, CLEAN departments used 9,267.62 gallons, 414 pounds, and 48 ounces of agrochemicals. While the gallons increased almost 100%, the pounds decreased almost 170%. These are large differences from 2011 and the CLEAN Team needs to re-evaluate usage.</p> <p>Hurdles overcome</p>
Upcoming Plans to Achieve Target	Cost Savings
With a continued focus on reducing the use of agrochemicals, and utilizing City Works for tracking, trained employees will continue to follow the CLEAN plan and have better results for 2013.	Unfortunately, no significant cost savings were realized in 2012.
If this is your third annual performance report, please provide the final results of this activity. If the objective and target were not achieved in the three year designation period, provide a description of why the objective and target was not met.	

Environmental Media Activity #3	
Objective Create low impact in design and implementation of native prairie plantings behind Noblesville Wastewater Utility	
Target Per acre, anticipated soil reduction is 7.65348 t/year; total phosphorus reduction (silt soil, lb/year) is 8.34; total nitrogen reduction (silt soil, lb/year) is 16.69. (all figures from STEPL). Nine acres total. Reduction in man hours, gasoline/diesel fule from mowing, enhanced area for wildlife.	
Baseline	Progress Made
Current acreage is typical grass plantings mowed every other week, offering little groundwater filtration.	Calendar year 2012 Progress made Wastewater Staff met with CLEAN Chairperson Amy Shankland on January 27 th and created the plan and budget for new prairie

	<p>planting. Planting was scheduled to begin in the spring, but unfortunately due to continued construction at the utility and the summer draught, planting was postponed to the spring of 2013.</p> <p>Calendar year Progress made</p> <p>Hurdles overcome</p>
Upcoming Plans to Achieve Target	Cost Savings
<p>2013- Plant native plants and trees, done by contractor Williams Creek Management. Williams Creek will begin to mentor Wastewater Utility to educate employees on proper care and maintenance of property.</p> <p>2014- Williams Creek will continue mentoring Wastewater employees, who will gradually take over responsibilities.</p> <p>2015- Wastewater employees will take over property upkeep and maintenance.</p>	<p>The prairie plantings at the utility will save the City of Noblesville a total of \$1,355.20 in man hours (April - October), based on part time pay of \$12.10/hr @16 hrs/month. The project will also save 20 gallons/month, with diesel currently costing \$3.50/gallon, for a total of \$490.</p>
<p>If this is your third annual performance report, please provide the final results of this activity. If the objective and target were not achieved in the three year designation period, provide a description of why the objective and target was not met.</p>	

Environmental Media Activity #4	
Objective Increase recyclables collected in parks, Wastewater, Street, and Engineering (city hall) buildings, expanding to fluorescent bulbs, mercury bulbs, and electronics. Make recycling easier than putting items in trash, put recycle signs on bins.	
Target Increase recycling (and maintain this rate) by 15% from 2011 to 2013.	
Baseline	Progress Made
<p>In 2011, the following was recycled from the CLEAN Departments:</p> <p>430 gray bins of glass, plastic, and paper</p> <p>53 pick up loads of cardboard</p> <p>1,100 gallons of used motor oil (used for heating in Street Dept)</p> <p>225 street light bulbs recycled</p> <p>One 6' x 4' x 4' bin of electronics weighing 1019 pounds.</p> <p>178 four foot mercury bulbs</p>	<p>Calendar year 2011 Progress made The results for glass, plastic, and paper were expected. The expansion of cardboard, motor oil, street light bulbs, electronics, and mercury bulb recycling, however, was not expected- a good development for the CLEAN team.</p> <p>Calendar year 2012 Progress made In 2012, CLEAN Departments recycled 530 gray bins of glass, plastic, and paper, 9370 cubic yards of brush, 4601 cubic yards of leaves, 146 pounds of aluminum, 750 gallons of used motor oil, and 136 light bulbs. The departments increased their comingled recyclables by 23%. Other areas decreased.</p> <p>Hurdles overcome The parks department golf courses faced a delay in getting their recycle bins, but finally received them in late summer.</p>
Upcoming Plans to Achieve Target	Cost Savings
<p>The CLEAN team will continue to educate all employees about the ease of recycling items within the City buildings. The team provided an update to all City departments at a February 2013 meeting about procedures relating to sending items to the Wastewater Utility for recycling. Not all departments were following correct guidelines.</p>	<p>In 2011, 600 gallons of motor oil were used to heat the Street Department in the winter. That number rose to 750 in 2012. This has eliminated the need for another energy source.</p>
<p>If this is your third annual performance report, please provide the final results of this activity. If the objective and target were not achieved in the three year designation period, provide a description of why the objective and target was not met.</p>	

Environmental Media Activity #5	
Objective CLEAN Departments to use more environmentally friendly products	
Target Increase use of products that are made of recycled materials or materials that are recycled more easily by 15% in 2013	
Baseline	Progress Made
Surprisingly, this activity has been the biggest struggle for the	Calendar year 2011 Progress made While CLEAN departments have all been given

<p>CLEAN team. Uniting the purchasing process for all departments in all CLEAN buildings has been difficult.</p>	<p>information about various green cleaning products; products that are easily recycled; or using products made of recycled materials, interest in combining purchasing has been non-existent. The departments are already using green materials and it has been difficult to encourage them to do even more in a cost-effective manner.</p> <p>Calendar year 2012 Progress made The team continued to face challenges for this goal.</p> <p>Hurdles overcome The CLEAN Team met in early 2012 to rethink its strategy for this goal. Noblesville's administrative officer suggested working with one product at a time. Leon Moffitt of Service First Cleaning tried to work with the maintenance department in City Hall to switch to biodegradable trash can liners, but was not successful.</p>
<p>Upcoming Plans to Achieve Target</p>	<p>Cost Savings</p>
<p>CLEAN Team members have discussed this goal at length and have decided to concentrate on the remaining four goals, as this one is not attainable. When renewing CLEAN status for 2014 and beyond, the team will select a new goal.</p>	<p>None.</p>
<p>If this is your third annual performance report, please provide the final results of this activity. If the objective and target were not achieved in the three year designation period, provide a description of why the objective and target was not met.</p>	

ANNUAL EMS AUDIT

Summarize the results of the Annual EMS Audit your community performed on the Quality of Life Plan. The City of Noblesville has made some strides in four of its five goals. Document controls were followed from the QLP. All City of Noblesville employees were better-informed in 2012 about CLEAN activities and how they can help the team reach its goals. The entire community learned about CLEAN through a Sustain Noblesville insert that was mailed to all households through the Wastewater Utility bill in December. No environmental emergencies occurred, and two new projects were implemented to help the environment- 1. The Street Department began using the Cintas Safe Wash system for parts, and 2. Recycling bins were placed in both City golf courses for use by visitors.

COMMUNITY AND BUSINESS OUTREACH

Briefly describe the information presented to the community and businesses to keep residents informed of important issues related to the community's environmental performance, including how the status of Quality of Life Plan objectives were relayed to the community. CLEAN leader Amy Shankland gives updates every other month to the Sustain Noblesville Committee, which consists of City department representatives; non-profit organizations and businesses such as Riverview Hospital, Noblesville Schools, the Noblesville Chamber of Commerce, and the local library; and numerous citizen appointees. CLEAN activities are highlighted on the City's web site and in the mayor's column in the Noblesville Times each quarter. Internally, CLEAN activities are reported in the Noblesville One-at-a-Time employee newsletter each quarter. Residents also learned about CLEAN activities through the Sustain Noblesville insert placed into the Wastewater Utility bill in December. Finally, CLEAN activities were highlighted in the new Vision Noblesville web site, www.visionnoblesville.com.

CONTINUAL ENVIRONMENTAL IMPROVEMENT

If this is your third Annual Performance Report and your community desires to continue membership as an Indiana CLEAN Community, please provide five new objectives and targets your community will commit to during the next three year designation period, otherwise skip to the next section.

ADDITIONAL INFORMATION

Please provide the following additional information.

- List environmental awards received or voluntary programs participated in during the past twelve months (include information about each particular program).
 Noblesville's Storm Water Manager, Tim Stottlemeyer, is a CLEAN member and a part of the Upper White River Watershed Alliance. He was a key player in the Governor's Award that was given to the Alliance in 2012.
 Noblesville's Wastewater Utility received the Value Chain Award in June, 2012 from Connected World Magazine. The magazine gives this honor to the most successful corporate adopters of machine-to-machine technology, which supports wired or wireless communication between machines.
 The Sustain Noblesville Committee received a grant from Vectren Foundation in December of 2011 to host Central Indiana green living expert and TV personality Sara Snow. Sara spoke to the public in Noblesville City Hall on Wednesday, March 21, 2012.
 The Storm Water Speaker's Bureau expanded and spoke to five local schools and four community groups in 2012.
 Finally, the City of Noblesville and Hamilton County teamed up for the second annual Hamilton County Bike to Work Day on May 18, 2012.
- Has your community taken advantage of any CLEAN benefits? If so, please describe which benefits were used, the implementation process, and ideas for additional benefits IDEM should consider.
 The Noblesville CLEAN team has participated in the quarterly CLEAN conference calls to exchange ideas. CLEAN leader Amy Shankland, who is also the City's grant coordinator, has worked with Susan Harrington to identify grant opportunities for projects. Having a network of other cities working on energy-saving and green strategies has been beneficial.
- Is your community pursuing ISO 14001 EMS certification? If yes, how has the Indiana CLEAN Community Challenge program been instrumental in achieving ISO 14001 EMS certification?

The Noblesville Wastewater Utility is ISO 14001 self-certified (third party certification). The department gained this designation in 2009, before the City was a CLEAN Community. The utility is working on improving its tracking methods, using the new City Works, and is looking at expanding this certification to more City Departments.

4. Explain the measured or perceived results from receiving, documenting, and responding to external communication and its effect on Quality of Life Plan objectives and targets?

Measuring the CLEAN teams results and communicating them to various entities has helped departments realize that there are always areas that need improvement. The Wastewater Utility must measure its environmental impact due to its Environmental Management System, therefore, CLEAN has been beneficial for the department.

5. Explain the emergencies experienced within the community during the past year. Were the applicable emergency and contingency plans detailed in the Quality of Life Plan effective? What changes, if any, have been made to your community's emergency or contingency plans?

No environmental emergencies occurred in 2012 in Noblesville.

6. How have community residents and businesses reacted to your community participating in the Indiana CLEAN Community Challenge?

The community has reacted positively to Noblesville's CLEAN participation. For example, CLEAN Chairperson Amy Shankland spoke to the Sunrises Kiwanis Group on February 12, 2013. Members were enthusiastic about the steps Noblesville is taking to protect its environment and offered helpful suggestions. Local businesses completely support the effort, as many are on the City's Sustain Noblesville committee. The Sustain Noblesville/CLEAN insert in the Wastewater Utility bill from December brought four new members to the committee.

7. According to the measurement program developed and implemented by your community to measure Quality of Life Plan success, is your community's Quality of Life Plan successful? Why or why not? If not, what changes will be made to ensure continual environmental improvement and future Quality of Life Plan success?

Overall Noblesville's QLP is not quite as successful as hoped. While some areas are improving, others are not. The CLEAN Team had to face the fact that its last goal of uniting the purchasing of green products in all departments will not be reached. The team did make progress on not increasing electricity usage much in 2012 thanks to efforts made by the Wastewater Utility and implementing cost-effective, simple ways for all employees to make a difference. Some recycling increased thanks to greater awareness within City departments, but agrochemical usage also increased overall. Finally, despite its delay, the team is excited about the results that will be gained from having the native prairie plantings behind the Wastewater plant.

CERTIFICATION AND PLEDGE

I certify that the information contained in this Annual Performance Report and attachments is accurate to the best of my knowledge and that this local government is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with all applicable federal, state, and local environmental requirements, or has a corrective action program in place to attain compliance.

We, The City of Noblesville, commit to maintaining the principles and goals outlined in our Quality of Life Plan for our local government's Indiana CLEAN Community status. We agree to strive for full compliance with all regulations promulgated by U.S. EPA, the state, and/or local jurisdictions. We agree to promote the Indiana CLEAN Community Challenge and to share our success stories with other communities. We understand that the Annual Performance Report must be submitted to the local government and IDEM and that we must reapply to the Indiana CLEAN Challenge every three years.

I understand that the information provided in this Annual Performance Report will be public record. I am the highest-ranking community official or I have been fully authorized by the highest-ranking community official to execute this statement on behalf of the local government submitting this Annual Performance Report.

Signature Amy Shankland	Title Grant Coordinator	Date (month, day, year) March 14, 2013
----------------------------	----------------------------	---

Please submit your CLEAN Community Challenge Annual Performance Report to:

IDEM-OPPTA
 CLEAN Community Challenge Program Manager
 100 North Senate Avenue
 MC 64-00 IGCS W041
 Indianapolis, IN 46204-2251
 FAX: 317-234-6573