



# Indiana CLEAN Community Challenge Annual Performance Report

State Form 53116 (01-09)  
Indiana Department of Environmental Management  
CLEAN Community Challenge

**Indiana Department of Environmental Management**  
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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  
Town of Fishers

Street Address (number and street)  
1 Municipal Drive

City, State, ZIP Code  
Fishers, IN 46038

Web site  
<http://www.fishers.in.us>

## CONTACT INFORMATION

Name of Contact  
Tony Elliot

Title  
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Mailing Address (number and street)  
1 Municipal Drive

City, State, Zip Code  
Fishers, IN 46038

Reporting Period Dates (month, day, year)  
September 2, 2010-September 2, 2011

If this is your third Annual Performance Report, do you wish to renew your Indiana CLEAN Community Challenge designation?

Yes  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 Resource and Energy Use

Target: Reduce energy consumption of town buildings by 10% by December 31, 2010.

### Baseline

2007 Gas Usage Baseline: 49,929,204 Therms  
2007 Electricity Baseline: 2,499,596 kWh

2008 Gas Usage Total: 66,017,155 Therms  
2008 Electricity Total: 2,599,662 kWh

2010 Gas Usage Total: 65,673.00 Therms  
2010 Electricity Total: 2,515,950 kWh

### Progress Made

2008 Progress made as follows: CLEAN Resolution passed Town Council 7/7/2008. Although 2008 electricity increased, specific facilities achieved reductions. Fire Departments 2008 data reported a reduction of 22,763 kWh. Eller Garage 2008 data reported a reduction of 24,400kWh.

2009 Progress made as follows: Feasibility study, Energy Systems Group (ESG/Vectren) 6/24/09 Strategic Energy Master Plan. Upgrade of existing software and remote controls of 10 buildings to increase energy efficiency and retrofitting metal halide bulbs in street lights to LED through EECBG grant application. Installed motion sensor lighting. EECBG Grant approved for \$610,000 in upgrades.

2010 Progress made as follows: EECBG Grant secured for \$55,700 for LED bulb retrofits to replace metal halide bulbs at Fishers Town Hall.

	Building Superintendent began first steps of energy consumption database to track consumption at each town-owned facility and in total.
Upcoming Plans to Achieve Target	Cost Savings
<p>Re-configure Pillar objective and target in accordance with completed goals. Also establishing new goals in a two-tiered system: those that are easily implementable and those that are more difficult.</p> <p>Enhance internal and external education to inform employees and the public on energy conservation measures. Such "green" tips might include shutting down computers, turning off lights, increasing natural lighting, and so on.</p> <p>Increase renewable energy uses for public buildings. The Town will examine options in upcoming building projects to determine the effectiveness of clean energy sources such as geothermal wells and solar photovoltaics.</p>	<p>No cost savings in 2008 or 2009 to report. ESG Feasibility Study estimates savings as follows: Town Hall \$10,000+, Police Station \$11,000+, Fire Stations (5) - \$16,000+, Parks Maintenance, \$3,000+, Parks- \$5000+, Maintenance Facility &amp; Garage - \$8400+</p> <p>No cost savings in 2010 to report.</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> <p><i>Many Town operated buildings achieved significant reductions in energy over the three year period. However, the majority of buildings either stayed constant or increased total usage in terms of kWh or Therms. The three year period stay relatively constant in terms of energy usage: Electric energy hours stayed within a range of 2.5 and 2.6 million kWh, and gas usage stay fairly consistent ranging between an approximate 50,000 and 65,000 Therms.</i></p> <p><i>The largest users of energy had mixed results from 2009 to 2010. Fishers Town Hall increased energy usage by 11,000 kWh or about 2% but the Police Department decreased energy usage by 10,000 kWh or about 2%.</i></p> <p><i>The objective and target were not reached over the three year period. Energy usage was monitored, which is a start; however, the goal to decrease energy usage was not reached because of inconsistent monitoring and lack of internal education campaigns to encourage energy conservation. To improve energy conservation in the future, internal campaigns and/or policies are an important element. This includes turning off lights, computers, minimizing the number of extra appliances (personal refrigerators, heaters, TVs, etc.), and increasing the number of LED lights. Also, it is important that the Town monitors the aging HVAC systems and make appropriate repairs or upgrades to maintain maximum efficiency for all town buildings.</i></p>	

Environmental Media Activity #2	
Objective Reduce Solid Waste	
Target: Increase the amount of recyclables collected from Town departments by 25% by 12/31/2010.	
Baseline	Progress Made
<p>Inventory of plastic bottle usage vs. 5 gallon jugs. In 2008, 5,985 bottles of water used and in 2009, 1470 bottles. No recycling done at Town Center until September 2008 Republic initiated and suspended a recycling program for "credit", but it was cancelled.</p> <p>In 2009, all waste management services per facility were inventoried, in order to order recycle bins for locations. Fire Dept initiated aluminum recycling &amp; collection from municipal complex. Establish a way to monitor and maintain data.</p> <p>In 2010, recycling was instituted more widely with internal recycling options increasing to accept paper, plastics, and aluminum. However, poundage of recyclables was not collected to compare to the baseline</p>	<p>Calendar year 2008: Progress made: Hauled approximately 2,213 lbs. to 8 cubic yard bins that included metal, plastic, paper from Town Center. Republic started recycling at Municipal complex for last 6 months of year.</p> <p>Calendar year 2009: Progress made: eliminated bottled water usage in Jun 2009, to 5-gallon tanks instead of 6000 bottles/per year added solid waste. In 2009, 209 lbs. of paper and plastic were recycled through June. Hauled approx 20 bins of metal, plastic, paper, cardboard.</p> <p>Hurdles overcome: Maintain consistent employee participation and enthusiasm to do it. Contacted recycling vendors to add service to town locations for pick up.</p> <p>In Sept. 2011, Public Works department leased a new Republic 8 cubic yard recycling bin for Fire Station 92 and the Parks Dept. offices. No data has been collected for this new bin at this time.</p>
Upcoming Plans to Achieve Target	Cost Savings
Negotiate service with trash vendors for all locations by the end of 2011 for town and implement town-wide recycling in 2012. Establish a method for monitoring and tracking recycling data.	Water savings ranged from \$10-\$100 per month. Social cost savings from reduction of solid waste from bottles, metal, plastic and cardboard recycling.
<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> <p><i>The objective to reduce overall solid waste sent to landfill was likely achieved as implicated by the perceived increase in employee recycling. Awareness of recycling options/locations, and positive attitudes toward recycling both contributed to a more institutionalized recycling program. Although over recycling likely increased over the three year period, a percentage is unavailable due to a lack of measurement in 2010. Thus, the target was not reached.</i></p> <p><i>In order to reach this goal in the future, the Town must monitor the amount recycled more closely as well as encourage employees to recycle. This could be in the form of internal policy, education campaigns, competitions between departments, or simply coordination of more recycling locations and options.</i></p>	

Environmental Media Activity #3	
Objective Encourage Sustainable Land Use	
Target: Increase the number of planting projects incorporating native plants and trees by 5% by 12/31/2010.	
Baseline	Progress Made
No quantifiable data on the amount of planting projects that incorporated native plants and trees is recorded BEFORE the CLEAN designation. Establish a way to monitor and maintain data.	<p>Calendar year 2008: Progress made: included membership to Tree City USA designation, Parks and Recreation introduced the CLEAN program with examples. Ordinance 012208B created to implement a Tree Board January 2008. Applied for TREE City USA and developed criteria for 2008. Passed Environmental Sustainability ordinance July 2008 listing commitments to CLEAN program. Heritage Park designated as site of new green building roof.</p> <p>Calendar year 2009: Progress made: included initiatives at Cyntheanne and Heritage Park at White River for water conservation. Landscaping, sports fields, new facilities will incorporate native plants and trees in their design. Created Urban Forestry initiative publicized on town website for approved trees, permits, planting guidelines, unapproved trees, tree care, and street tree ordinance. Constructed first "green" live roof technology at Heritage state park to showcase a sustainable design technique using native plants, gardens, landscaping, walking paths and bridges. Hurdles overcome include data for trees and parks started, but departmental changes have interfered in collection efforts since personnel has changed.</p> <p>2010: Initiated "Plant a Tree, Grant a Tree" matching grant program for community tree planting. The town will match investment by homeowner's associations or residents who plant trees adjacent to town right of way. This will help replace dying ash trees and enhance community roadways with more trees.</p>
Upcoming Plans to Achieve Target	Cost Savings
Maintain programs for Tree City and resolution. At this time, a baseline is not complete. The Tree City Program requires a \$2/capita expenditure on tree plantings annually. We will use that to help establish our 5% goal. Data collection for baseline.	Unknown due to the nature of the projects and not measured at this time due to staff reorganization.
<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> <p><i>The objective to encourage sustainable land use was achieved to a large extent over the three year term. Sustainable landscaping, water conservation, a green roof, and tree plantings all contributed to the objective. In terms of reaching the target of increasing tree plantings by 5%, the data is unclear due to the absence of an original baseline. Progress has been made in this area, however, in a formal and informal manner. Informally, departments and Town Council have placed a greater priority on maintaining trees in the Town. This largely includes decisions in development when trees of often cut down for new buildings, lots. Formally, council passed in Fall of 2011 the "Plant a Tree, Grant a Tree" program which is a tree matching grant program that incentivizes homeowners and HOAs to plant trees along town roadways. The Town then matches the grant to double the overall impact. This program again showcases the Town's emphasis on maintaining the urban forest.</i></p>	

Environmental Media Activity #4	
Objective Encourage Environmental Design Standards	
Target: Increase the number of ordinances and incentives that encourage "green" design by 5% by December 31, 2010.	
Baseline	Progress Made
None established at this time due to target approach of 5% not being measured to date. Modification needed to design baseline information.	<p>Calendar year 2008: Progress made through citizen education on website re water pollutants, household hazardous waste, storm water, fertilizer, yard habits, and rain barrel usage.</p> <p>Calendar year 2009: Progress made included e-procurement purchasing for cost savings and efficiency, since each dept. had separate process. Develop a working definition of "Green" to evaluate UDO standards. Drafts started on ordinances for conservation easement and preservation easement. New language for general development standards re parking lots and number of spaces to promote low-impact development, products, and techniques used. Shared parking promoted to reduce construction. New language for architectural design, and landscape design is undergoing a complete rewrite. Hurdles overcome include the time to research and to draft legal language for approval.</p> <p>2010: Progress made on resident education of environmental initiatives.</p>
Upcoming Plans to Achieve Target	Cost Savings
Moving ordinances through approval process 2010. Establish a	Unknown social costs from easements and ordinances in place to protect the landscape

way to monitor and maintain data for meet new targets.	and water, preventing as much need for water treatment or decline of land.
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 #5	
Objective Eco-Purchasing of Chemicals and Fertilizers	
Target: Reduce consumption of non eco-friendly products by 10% by August 1, 2011	
Baseline	Progress Made
For newly reorganized Parks and Public Works departments, designing methods to establish a way to monitor and maintain data that is needed for baseline.	<p>Calendar year: 2008 Progress made was identification of chemical usage, by creating baseline of what is used where, and frequency. Broadleaf weed control program for municipal complex identifies product, purpose, acreage and amount for 43,560sq.ft.</p> <p>Calendar year: 2009 Progress made was reduced chemical usage in all medians by cutting out all services eliminating fertilizer and weed control products. No measurement of chemical usage was recorded previously due to being contracted out to vendor.</p> <p>Hurdles overcome were data collection.</p> <p>Calendar year 2010: Began using slow release polymer coated fertilizer, lower amounts of fertilizer overall to conserve and to protect from waste and runoff. In addition, Public Works employed cultural practices which avoided using chemicals for fertilizers, and instead used air, sunlight, and/or mechanical means to stimulate plant and lawn growth.</p> <p>2012: organic ferts, technology to use half the current amounts Same with cleaning supplies, "green" products, organic based products,</p>
Upcoming Plans to Achieve Target	Cost Savings
<p>Review data collection due to new management, establish a way to monitor and maintain data.</p> <p>In 2011 and 2012, Public Works and Parks will begin using organic fertilizers. We will continue to find ways to conserve overall amount of fertilizer and chemicals used to reduce overall consumption/use. New chemical technology will allow us to do more in terms of cleaning and fertilizing with less. In terms of cleaning, we will explore more "green" chemicals and organic based products to prevent environmental harm and reduce overall use of harmful chemicals.</p>	2008 costs of median care from fertilizer and weed killer, since usage was eliminated for economic reasons in 2009. No data captured between 2008, 2009, 2010 on cost savings.
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><i>Significant progress was made in this area over the three year period. However, data collection lacked therefore a total cost savings and quantifiable figure to represent overall progress is unavailable. From the beginning of 2008, the town made many strides toward reducing consumption of harmful chemical products. This applies to largely to cleaning supplies, fertilizers, and weed killers. Conservation and a reduced overall use of chemicals was the first step. Second, the use of technologically advanced chemicals and cultural practices also helped minimized the environmental impact and amount of chemical purchasing.</i></p>	

#### ANNUAL EMS AUDIT

Summarize the results of the Annual EMS Audit your community performed on the Quality of Life Plan. The QLP audit revealed departmental participation in programs through activities and progress towards targets, while exposing areas to address. Topics of environmental friendly policies and programs were introduced internally to employees, externally to residents, and became a higher priority for individual departments and the town as they reviewed their annual progress. Qualitative data was abundant in each area, whereas quantitative data was minimal due to collection procedures and records. Storage of current information is centrally located with shared usage, but employee communication, participation, and interaction is not standardized due to organizational change and inconsistency. Design methods and processes are in the process of being updated as software is chosen to create energy usage portfolio of facilities, and negotiations with recycling vendors is being finalized. In 2010, user friendly procedures will be put in place, while improvements are made in data collection and reporting by documenting and implementing a new process to capture information. Task force meetings will continue to address concerns, details, and targets within each member's area to prevent pollution and to support green awareness.

#### 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. GREEN week, Fishers Town Talk monthly "green" tip, Water Awareness week, parks & recreations children's educational sessions, Fishers' website, twitter, and flyers notified and educated local residents and businesses on the CLEAN initiatives and QLP through timely written communications, press releases, and local network coverage.

### 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.

1.

### ADDITIONAL INFORMATION

Please provide the following additional information.

1. List environmental awards received or voluntary programs participated in during the past twelve months (include information about each particular program). *IACT Green Community Award 2011: This is IACT's third year implementing the Green Communities Initiative for the collective purposes of: Improving awareness about green options and how to implement them; Promoting municipal efforts through a peer recognition/awards program; Awarding the most aggressive green programs*
2. 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. *No.*
3. 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? *No.*
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?
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? *N/A.*
6. How have community residents and businesses reacted to your community participating in the Indiana CLEAN Community Challenge? *Uncertain. Part of the Town's approach toward informing the community on environmental initiatives has included events such as water conservation days, Green Tips in Town Talk, and continuing environmental articles published in Town Talk. To my knowledge, we have not received feedback directly in response to the*
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?

### 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, Town of Fishers, 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

Title  
Assistant to the Town Manager

Date (month, day, year)  
9/1/2011

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