



INDIANA ENVIRONMENTAL STEWARDSHIP PROGRAM ANNUAL PERFORMANCE REPORT

State Form 53475 (R3 / 1-11)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
ENVIRONMENTAL STEWARDSHIP PROGRAM

Indiana Department of Environmental Management Office of Pollution Prevention and Technical Assistance

MC 64-00, Room IGCS W041

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Please use this form if you are a member of the Indiana Environmental Stewardship Program (ESP) to report on progress toward objectives and targets AND certify ESP requirements continue to be achieved. Indiana ESP facilities must submit an Annual Performance Report (APR) by April 1st of every year, for each calendar year in which the entity has been a member for at least three (3) full months. Section C of your APR should be signed by your ISO 14001:2004 EMS Lead Auditor. Your APR should be reviewed and signed by a senior manager at your facility prior to submittal. Once signed, e-mail the APR to IDEM at esp@idem.IN.gov. Please do not include any confidential business information in your annual performance report. Public access laws require IDEM to make the APR publicly available, which may include posting all portions of your report on the Indiana ESP Web site. If you have any questions, please contact IDEM at esp@idem.IN.gov or (800) 988-7901.

SECTION A		FACILITY INFORMATION	
Name of facility			
Name of parent company (if applicable)			
Street address (number and street)			
City / State / ZIP code			
Web site of Facility/Company			
CONTACT INFORMATION			
Name of Contact (Mr. / Mrs. / Ms. / Dr.)			
Title			
Telephone number			
FAX number			
E-mail address			
Mailing address (if different from facility address)			
City / State / ZIP Code			
REPORTING PERIOD			
Reporting period dates (month, day, year)			
<p>1a. Is this the third Annual Performance Report of your membership term?</p> <p><input type="checkbox"/> Yes—If yes, answer question 1b.</p> <p><input type="checkbox"/> No—If no, skip to the "Change in Information" section of this report.</p> <p>1b. Do you wish to renew your Indiana Environmental Stewardship Program membership?</p> <p><input type="checkbox"/> Yes—If yes, please complete all sections of this annual report.</p> <p><input type="checkbox"/> No—If no, please complete all sections of this annual report except for Section F.</p>			
CHANGE IN INFORMATION			
<p>In your ESP application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any changes or additions to your facility's list of products or activities?</p> <p><input type="checkbox"/> Yes—If yes, please describe them:</p> <p><input type="checkbox"/> No</p>			
SECTION B		PUBLIC OUTREACH AND PERFORMANCE REPORTING	
Why do we need this information? IDEM needs to know how environmental information was shared with the public.		What do you need to do? Describe how the facility has shared and plans to share environmental information.	
Please briefly describe the activities that your facility conducted during this reporting period to interact with the community on environmental issues and to report publicly on its environmental performance.			
Please indicate which of the following methods your facility plans to use to make its ESP Annual Performance Report available to the public. Please check as many as appropriate.			
<input type="checkbox"/> Web site (http://www.) <input type="checkbox"/> Open house <input type="checkbox"/> Meetings <input type="checkbox"/> Press releases <input type="checkbox"/> Other			

SECTION C**ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT****Why do we need this information?**

Facilities need to have implemented an EMS that meets certain criteria and use an ISO 14001:2004 EMS Lead Auditor at least every 36 months to assess the EMS.

What do you need to do?

Answer the following questions about your EMS.

1. What is the most recent date that an ISO 14001:2004 EMS Lead Auditor performed an EMS assessment at your facility?

2. Is the date of the most recent EMS assessment performed by an ISO 14001:2004 EMS Lead Auditor within the past 36 months?

☐ Yes—If yes, skip to Question 3.

☐ No—If no, please have your ISO 14001: 2004 EMS Lead Auditor complete and sign the following checklist, indicating whether or not your EMS meets the listed criteria for ESP membership:

☐ Yes ☐ No Evidence of senior management support, commitment, and approval.

☐ Yes ☐ No A written environmental policy directed toward compliance, pollution prevention, and continuous improvement.

☐ Yes ☐ No Identification of the environmental aspects at the entity.

☐ Yes ☐ No Prioritization of the environmental aspects and a determination of those aspects deemed significant considering, at the minimum, environmental impacts and applicable laws and regulations.

☐ Yes ☐ No Established priorities, and environmental objectives and targets for continuous improvement in environmental performance and for ensuring compliance with applicable environmental laws, regulations, and permit conditions. Objectives and targets must go beyond current legal requirements and specify the environmental media, types of pollution to be prevented or reduced, implementation activities, and projected time frames.

☐ Yes ☐ No An established community outreach mechanism that includes identifying and responding to community concerns; informing the community of important matters that affect the community; and reporting on the EMS, including reporting to the public on the environmental policy and significant aspects.

☐ Yes ☐ No Incorporation of environmental and pollution prevention planning in the development of new products, processes, and services and modifications of existing processes.

☐ Yes ☐ No Evidence of clear responsibility for implementation, training, monitoring, EMS maintenance, taking corrective action, and ensuring compliance with applicable environmental laws, regulations, and permit conditions.

☐ Yes ☐ No Documentation of the implementation procedures and the results of implementation.

☐ Yes ☐ No Appropriate written EMS procedures.

☐ Yes ☐ No An annual evaluation of the EMS with written results provided to senior management and affected employees.

Signature of ISO 14001:2004 EMS Lead Auditor

Date (month, day, year)

3. Were any deficiencies found during the most recent EMS assessment?

☐ No—If no, skip to Question 4.

☐ Yes—If yes, describe any deficiencies found and the corrective action taken to address each deficiency:

4. Name, title, and organization of ISO 14001:2004 EMS Lead Auditor that conducted the most recent EMS assessment:

5. What type of protocol was used to perform the independent EMS assessment?

☐ ISO 14001:2004 Certified audit

☐ Responsible Care EMS audit

☐ Responsible Care 14001 audit

☐ ESP Independent Assessment Protocol

☐ Other (*please specify*):

6. Is the EMS certified to a recognized standard?

☐ Yes—If yes, what standard does the EMS follow (*please provide a copy of the most recent certificate*)?

☐ ISO 14001:2004

☐ Responsible Care EMS

☐ Responsible Care 14001

☐ No.

7. When was the last Senior Management review of your EMS completed?

Month / Year: _____

Who headed the review (*name and title*)? _____

8. When did your facility last conduct an internal or corporate environmental compliance audit? Do not include inspections or site visits by regulatory organizations.
 Scope of the compliance audit: _____
 Month(s) / Year(s): _____
 Who conducted the audit(s) (e.g., facility staff, corporate, third party)? _____

9. Explain the emergencies experienced within the facility during the past year. Were the applicable emergency and contingency plans detailed in the EMS effective? What changes, if any, have been made to your facility's emergency or contingency plans?

10. Has your facility corrected all instances of potential environmental non-compliance and EMS non-conformance identified during your audits and other assessments?
☐ Yes—If yes, briefly summarize corrective actions taken and other improvements made as a result of your EMS assessment(s) or compliance audit(s).

☐ No—If no, please explain your plans to correct these instances. _____

☐ No such instances identified.

11. (Optional) Please provide a narrative summary of progress made toward EMS objectives and targets other than those reported as an Environmental Performance Initiative in Section E. You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the last calendar year. Attach additional sheets as necessary.

Environmental aspect	Progress made this year (e.g., quantitative or qualitative improvements, activities conducted)

SECTION D ADDITIONAL INFORMATION	
Why do we need this information?	What do you need to do?
This information will help IDEM to effectively manage the Environmental Stewardship Program.	Answer the questions as completely as possible.
1. In addition to ESP, please list environmental awards received or voluntary programs participated in during the past twelve months. 2. Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider. 3. If your facility was not registered to the ISO 14001 standard prior to becoming an ESP member, has ESP helped you to pursue registration? If so, how has ESP been instrumental in achieving registration?	

SECTION E ENVIRONMENTAL IMPROVEMENT INITIATIVE RESULTS				
Why do we need this information?			What do you need to do?	
Facilities need to share the results of the environmental improvement initiative that was pursued during the reporting period.			Summarize your facility's progress on achieving the initiative you identified in the application or last year's APR.	
Category: _____ Indicator: _____	Baseline Quantity	Future Goal Quantity	Current Quantity	Cost Savings
Calendar year				
Actual quantity (per year)				
Normalized quantity (per year)				
Basis for your normalizing factor (e.g., gallons of paint produced)				
Measurement unit (e.g., pounds)				
Briefly describe how you achieved improvements for this environmental initiative or, if relevant, any circumstances that delayed progress.				
Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL).				
(Optional) If your facility has experienced continued results for environmental improvement initiatives pursued in past years of ESP membership, please share those results here.				

SECTION F

ENVIRONMENTAL IMPROVEMENT INITIATIVE

Why do we need this information?

Facilities need to show they are committed to improving their environmental performance.

What do you need to do?

Refer to the Environmental Performance Table and answer the following questions.

1. Select the appropriate boxes in the following table to indicate the **category** and **indicator(s)** that represents the environmental improvement initiative selected by your facility. For the category and indicator selected, list the **baseline year** (e.g., 2009) and the **future year** (e.g., 2010). Next, list the **baseline annual quantity** (e.g., 5 tons) and **future annual quantity** (e.g., 2 tons) you are committing to achieve by the end of the future year.

Category	Indicator	Baseline Year 20____	Future Year 20____	Unit
<input type="checkbox"/> Material Procurement	<input type="checkbox"/> Recycled content			Pounds, tons
	<input type="checkbox"/> Hazardous/toxic components			Pounds, tons
<input type="checkbox"/> Suppliers' Environmental Performance	<input type="checkbox"/> Specify indicator: _____			As specified for the particular indicator
<input type="checkbox"/> Material Use	<input type="checkbox"/> Materials used			Pounds, tons
	<input type="checkbox"/> Hazardous materials used			Pounds, tons
	<input type="checkbox"/> Ozone depleting substances used			CFC-11 equivalent pounds
	<input type="checkbox"/> Total packaging materials used			Pounds, tons
<input type="checkbox"/> Water Use	<input type="checkbox"/> Total water used			Gallons
<input type="checkbox"/> Energy Use	<input type="checkbox"/> Electricity			kWh / MWh, Btu / MMBtu
	<input type="checkbox"/> Steam			kWh / MWh, gallons, ft ³
	<input type="checkbox"/> Natural gas			Btu / MMBtu
	<input type="checkbox"/> Diesel			Gallons
	<input type="checkbox"/> Propane / LPG			Btu / MMBtu, gallons
	<input type="checkbox"/> Gasoline			Gallons
	<input type="checkbox"/> Solar			kWh / MWh
	<input type="checkbox"/> Wind			kWh / MWh
	<input type="checkbox"/> Landfill gas			Btu / MMBtu
	<input type="checkbox"/> Combined heat and power			kWh / MWh, Btu / MMBtu
	<input type="checkbox"/> Other: _____			_____
<input type="checkbox"/> Land and Habitat	<input type="checkbox"/> Land and habitat conservation			Square feet, acres
	<input type="checkbox"/> Community land revitalization			Square feet, acres
<input type="checkbox"/> Air Emissions	<input type="checkbox"/> Total GHGs			MTCO ₂ E
	<input type="checkbox"/> VOCs			Pounds, tons
	<input type="checkbox"/> NO _x , SO _x , PM _{2.5} , PM ₁₀ , or CO			Pounds, tons
	<input type="checkbox"/> Air toxics			Pounds, tons
	<input type="checkbox"/> Odor			European Odour Units
	<input type="checkbox"/> Radiation			Curies, Becquerels
	<input type="checkbox"/> Dust			Pounds, tons
<input type="checkbox"/> Discharges to Water	<input type="checkbox"/> COD or BOD			Pounds, tons
	<input type="checkbox"/> Toxics			Pounds, tons
	<input type="checkbox"/> Total suspended solids			Pounds, tons
	<input type="checkbox"/> Nutrients			Pounds, tons of N or P
	<input type="checkbox"/> Sediment from runoff			Pounds, tons
	<input type="checkbox"/> Pathogens			MPN/ml, CFU/ml
<input type="checkbox"/> Non-hazardous Waste <input type="checkbox"/> Hazardous Waste	<input type="checkbox"/> Landfill			Pounds, tons
	<input type="checkbox"/> Incineration			Pounds, tons
	<input type="checkbox"/> Reused/recycled off-site			Pounds, tons, gallons
	<input type="checkbox"/> Other: _____			Pounds, tons, gallons
<input type="checkbox"/> Noise	<input type="checkbox"/> Noise			dBA
<input type="checkbox"/> Vibration	<input type="checkbox"/> Vibration			Inches per second
<input type="checkbox"/> Products	<input type="checkbox"/> Expected lifetime energy use			kWh / MWh, Btu / MMBtu
	<input type="checkbox"/> Expected lifetime water use			Gallons
	<input type="checkbox"/> Expected lifetime waste to air, water, or land from product use			Pounds, tons
	<input type="checkbox"/> Waste to air, water, or land from disposal or recovery			Pounds, tons

2. What activities or process changes do you plan to undertake at your facility to accomplish your initiative (e.g., technology changes in a particular process line, employee training)?
3. Does this initiative address a significant aspect in your EMS?
- ☐ Yes
- ☐ No—If no, please explain why you believe this indicator should be included as an environmental improvement initiative:


CERTIFICATION AND PLEDGE

On behalf of (name of facility) Eli Lilly & Company, Elanco Clinton Laboratories (Labs)

I certify that the information contained in this Annual Performance Report and attachments is accurate to the best of my knowledge and that this facility 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, Eli Lilly & Company, Elanco Clinton Labs, commit to maintaining the principles and goals outlined in our Environmental Management System for our facility's Indiana Environmental Stewardship Program status. We agree to strive for full compliance with all regulations promulgated by the U.S. EPA, state, or local jurisdictions. We agree to promote the Indiana Environmental Stewardship Program and to share our success stories with other facilities. We understand that the Annual Performance Report must be submitted to IDEM by April 1st of each year and that we must reapply to the Indiana Environmental Stewardship Program every three years.

I understand that the information provided in this Annual Performance Report will be public record. I am the senior facility manager or authorized facility signatory, and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is submitting this Annual Performance Report.

Signature 

Title
General Manager

Date (month, day, year)
30 MAR 2015

Printed signature
Gary T. Harpenau

Attachment 1
Elanco Clinton Laboratories
Environmental Stewardship Program

Description of Eli Lilly and Company Environmental Management System Audits

Lilly began implementing Environmental Management Systems [EMS] more than 15 years ago. Company policy requires all sites to develop Health, Safety, and Environmental [HSE] management systems based on the ISO 14001 system.

This program includes periodic audits of the management system. All manufacturing sites are audited at least once every four years, and the audit includes a comprehensive review of the HSE management system.

Site audits are conducted by Lilly's Global HSE auditing group. The audit team typically consists of a lead auditor and several team members who focus on specific programs and topics. The lead auditor is a Lilly corporate employee and the team members are a mix of external auditors and Lilly subject matter experts from the Global HSE organization and plant sites.

The corporate audit program is an important element of Lilly's Global HSE program. The Global HSE program is patterned after ISO 14001 and is Responsible Care Management System (RCMS) certified.

The environmental management system portion of the audit is conducted using the company's HSE management system protocol. This protocol addresses each of the elements of an ISO 14001 EMS. Lilly's Global EMS standard, applicable at each plant site, is patterned after ISO 14001 standards. The audit protocols used to assess each site's EMS includes 120 questions to assure that each element of the EMS is addressed and implemented.

The HSE management system audit protocol includes questions on the following topics:

1. Management commitment and accountability
2. Site specific policy
3. Aspects, permits, and regulatory requirements
4. Performance objectives and targets
5. Management plans and programs
6. Management system documentation
7. Organizational structure and responsibilities
8. Training
9. Communication
10. Document control
11. Operational control
12. Emergency preparedness and response

Lilly conducted a thorough comparison of each element of the IDEM Independent Assessment Protocol to Lilly's HSE management system audit protocol and found that Lilly's protocol addresses all the elements of the IDEM protocol and in many respects it exceeds the IDEM protocol.

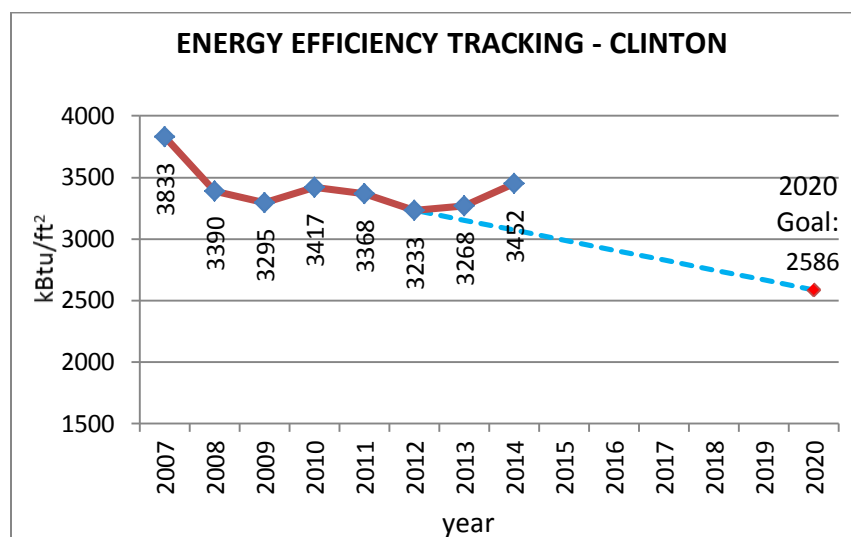
The EMS audit conducted at Clinton Laboratories from November 3 to November 7, 2014 was led by Mr. Bruce Taylor (Vice President - Environmental, Health, and Safety/Responsible Care, Midland Engineering, Ltd.), an external consultant who is a Certified Professional Environmental Auditor (CPEA) and is certified and approved by BEAC to perform environmental MS audits.

Attachment 2
Elanco Clinton Laboratories
Environmental Stewardship Program

Description of Eli Lilly and Company Energy and Waste Goals

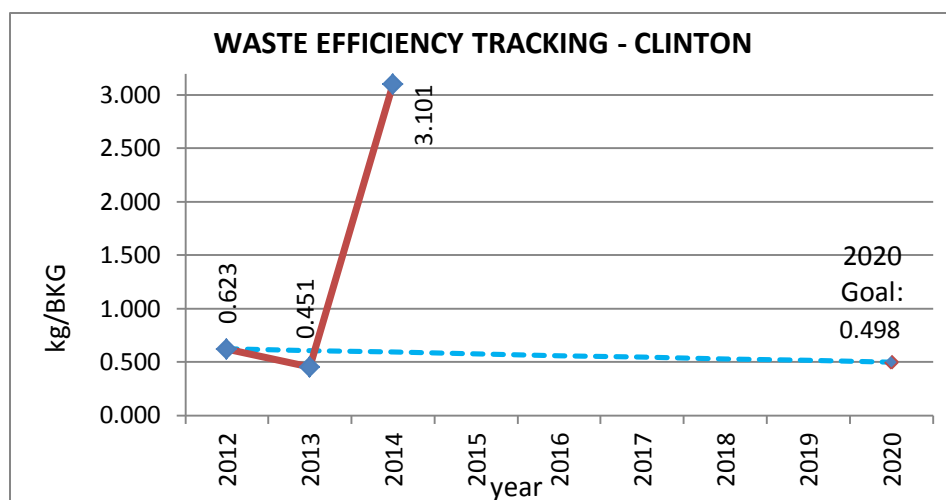
Lilly's Corporate Energy Goal for 2020 is a 20% improvement in energy efficiency with a corresponding reduction in greenhouse gases, with 2012 as the base year. Energy efficiency is measured in terms of kBtu/GSF, where kBtu is thousands of British thermal units, and GSF is the Gross Square Foot (ft²) of all site energy-consuming areas within roofed and walled facilities or buildings at Clinton Laboratories.

The site plans to improve energy efficiency by focusing on electrical efficiency improvements, reductions in steam losses, and key process changes.



Clinton Laboratories' Waste Goal for 2020 is a 20% improvement in waste efficiency (waste/unit of production) while increasing the recycling rate above 70% and reducing waste to landfill below 10% of total waste, with 2012 as the base year. Waste Efficiency is defined as Clinton Laboratories' waste generation in kilograms divided by the waste normalization factor, which is Clinton's total production volume in BKGs.

The site plans to improve waste efficiency primarily by composting organic waste and reducing the amount of compactor waste land-filled. Reductions in compactor waste may be realized by training and awareness activities to drive behaviors for waste minimization and off-site incineration of municipal solid waste to generate renewable energy.



Progress towards the Waste Efficiency improvement goal was delayed in 2014 by a land application process change. A new Pollutant-Bearing Water Land Application Permit was applied for and received (IN LA 000844), and the site plans to improve its performance considerably in 2015.