

Bristol-Myers Squibb Company

Global Manufacturing and Supply
4601 Highway 62 East
PO Box 1500
Mt. Vernon, IN 47620-1500

Indiana Department of Environmental Management
ATTN: Lisa Perez
Office of Pollution Prevention & Technical Assistance
Environmental Stewardship Program
100 North Senate Avenue
Mail Code 64-01, IGCN 1225
Indianapolis, Indiana 46204-2251

RE: 2014 ESP Annual Performance Report

Lisa,

This letter is to inform you that Bristol-Myers Squibb Company is interested in renewing our certification in the Environmental Stewardship Program for 2015. This location was sold to AstraZeneca Pharmaceuticals LP and will changing ownership on August 1, 2015. As per our earlier discussion we are submitting our 2014 report under the name of Bristol-Myers Squibb ut would like the renewal to be issued in the name of AstraZeneca (Formerly Brisol-Myers Squibb) so this site can remain as a charter member in the program.

Should you have any questions regarding this matter, you may call me at 812-307-3018 (office) or 618-719-5968 (cell).

Sincerely,

Bryan L. Williams
Senior Environmental, Health & Safety Specialist
Bristol-Myers Squibb Company

Attachments: 2014 Annual Performance Report



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
100 North Senate Avenue
Indianapolis, IN 46204-2251
Telephone: (800) 988-7901
FAX: (317) 233-5627
E-mail: esp@idem.IN.gov

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		Bristol-Myers Squibb	
Name of parent company (if applicable)			
Street address (number and street)		4601 Highway 62 East	
City / State / ZIP code		Mount Vernon, Indiana 47620	
Web site of Facility/Company		www.bms.com	
		CONTACT INFORMATION	
Name of Contact (Mr. / Mrs. / Ms. / Dr.)		Mr. Bryan L. Williams	
Title		Sr. EHS Specialist	
Telephone number		812-307-3018	
FAX number		812-307-2295	
E-mail address		bryan.williams@bms.com	
Mailing address (if different from facility address)			
City / State / ZIP Code			
		REPORTING PERIOD	
Reporting period dates (month, day, year)		January 1 through December 31, 2014	
1a. Is this the third Annual Performance Report of your membership term?		<input type="checkbox"/> Yes—If yes, answer question 1b. <input checked="" type="checkbox"/> No—If no, skip to the "Change in Information" section of this report.	
1b. Do you wish to renew your Indiana Environmental Stewardship Program membership?		<input checked="" type="checkbox"/> Yes—If yes, please complete all sections of this annual report. <input type="checkbox"/> No—If no, please complete all sections of this annual report except for Section F.	
		CHANGE IN INFORMATION	
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?		<input type="checkbox"/> Yes—If yes, please describe them: <input checked="" type="checkbox"/> No	
SECTION B		PUBLIC OUTREACH AND PERFORMANCE REPORTING	
Why do we need this information?		What do you need to do?	
IDEM needs to know how environmental information was shared with the public.		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. See Attachment 1.			
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 checked="" type="checkbox"/> Web site (http://www.bms.com/sustainability) <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? **October 2013**

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: **Kristen Belcredi with KERAMIDA**

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: **October 2013**

Who headed the review (name and title)? **Dan Charles, EHS Site Director**

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: RCRA, CAA, CWA, OPA, CERCLA/SARA/EPCRA, TSCA-PCBs, HAZCOM, FIFRA, DOT, NRC, DHS
 Month(s) / Year(s): July 2012
 Who conducted the audit(s) (e.g., facility staff, corporate, third party)? Corporate EHS

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?
No environmental emergencies since last report. Only site emergencies were unexpected power outages from storms. No deficiencies.

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? This information will help IDEM to effectively manage the Environmental Stewardship Program.	What do you need to do? 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. <u>Received updated approval for VPP in September 2014.</u>	
2. Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider. <u>Yes, expedited air permits with the ability to have "flexible" language, reduced reporting frequency, the 24-hour notice of inspection</u>	
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? <u>BMS maintains the position that registration would not produce any tangible improvements to our EHS Sustainability efforts.</u>	

SECTION E	ENVIRONMENTAL IMPROVEMENT INITIATIVE RESULTS			
Why do we need this information? Facilities need to share the results of the environmental improvement initiative that was pursued during the reporting period.	What do you need to do? 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)	See Attachment 2			
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). <u>None</u>				
(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__14__	Future Year 20__15__	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 checked="" type="checkbox"/> Land and Habitat	<input checked="" type="checkbox"/> Land and habitat conservation	20 acres	35 acres	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 checked="" type="checkbox"/> Non-hazardous Waste	<input type="checkbox"/> Landfill			Pounds, tons
<input type="checkbox"/> Hazardous Waste	<input checked="" type="checkbox"/> Incineration	1,295,485 lbs	1,500,000 lbs	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)? Replaced cooling towers to a more efficient system in 2014.

3. Does this initiative address a significant aspect in your EMS?

☒ Yes

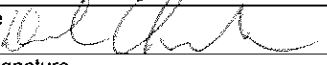
☐ No—If no, please explain why you believe this indicator should be included as an environmental improvement initiative:

CERTIFICATION AND PLEDGEOn behalf of (name of facility) Bristol-Myers Squibb

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, Bristol-Myers Squibb, 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 Site Director EHS	Date (month, day, year) <u>05/28/2015</u>
Printed signature Daniel Charles		

Attachment 1 – Section B

Provided site operating results to Corporate EHS for inclusion with Company Annual Report.

Posted updates to Company Sustainability internet site and SharePoint internet site.

Celebrated Earth Day 2015 on campus. Invited a number of local vendors to participate with demonstrations for employees on two separate days.

Continued employee recycling program and expanded to include electronic recycling for all employees.

Replaced exterior lighting in parking lots with energy efficient LED lighting.

Installed Metasys® energy control system for building chilled water system.

Sustainability Environmental Metrics
Period: 2014

Site Name: MT. VERNON
Data Entered By: BRYAN L. WILLIAMS

NOTES: If your site has been working with Schneider Electric in the past, your energy data should be with them. All energy data and water use data should be submitted to Schneider on a monthly basis. In the future we will refer to the Schneider Resource Advisor dashboard for this data. As highlighted in the accompanied email, Schneider will be managing all of our Sustainability source records in the future and we are asking that you provide that information to them for 2014 and develop a site process to have the source records provided to Summit for energy and water data on a monthly basis in the future.

To: invoices@summitenergy.com

Cc: kenny.schoolcraft@ems.schneider-electric.com

Mark Williams | Schneider Electric

☎ 502-614-2514

✉ mark.williams@ems.schneider-electric.com

Energy Use	2013	2014	% Variance	Variance Explanation
Fuel Oil #2/Diesel Fuel (MMBTUs)	Confirm that invoices/data is sent to Summit Energy Services through local procurement			
Kerosene (MMBTUs)	Confirm that invoices/data is sent to Summit Energy Services through local procurement			
Fuel Oil #4 (MMBTUs)	Confirm that invoices/data is sent to Summit Energy Services through local procurement			
Fuel Oil #6 (MMBTUs)	Confirm that invoices/data is sent to Summit Energy Services through local procurement			
Natural Gas (MMBTUs)	Confirm that invoices/data is sent to Summit Energy Services through local procurement			
Propane (MMBTUs)	Confirm that invoices/data is sent to Summit Energy Services through local procurement			
Purchased Electricity (Kilowatt Hours)	Confirm that invoices/data is sent to Summit Energy Services through local procurement			
Purchased Steam (MMBTUs)	Confirm that invoices/data is sent to Summit Energy Services through local procurement			
On-Site Generated Electricity (Kilowatt Hours)	N/A	N/A		
Onsite Co-Generated Steam (Kilowatt Hours)	N/A	N/A		
Onsite Generated Renewable Energy (Kilowatt Hours)	N/A	N/A		

Hazardous Waste Management	2013	2014	% Variance	Variance Explanation
Blended for use as fuel (Kilograms)	N/A	N/A		
Landfill (hazardous waste) (Kilograms)	N/A	N/A		
Off-site incineration (Kilograms)	12,933	20,328	65%	3,000 kg increase in Coumadin disposal. Other hazardous wastes increased due to production increase.
Off-site recovery/recycle (Kilograms)	N/A	N/A		
Off-site treatment (Kilograms)	N/A	N/A		
On-site incineration (Kilograms)	N/A	N/A		
On-site recovery/recycle (Kilograms)	N/A	N/A		

On-site treatment (Kilograms)	N/A	N/A	
Non-Hazardous Waste Management			
	2013	2014	% Variance
All Other Non-Hazardous Waste Disposed (Kilograms)	623,430	588,857	-6%
All Other Non-Hazardous Waste Recycled (Kilograms)	142,609	153,018	7%
Biosolids (Kilograms)	N/A	N/A	
Glass Dispose (Kilograms)	N/A	N/A	
Glass Recycle (Kilograms)	N/A	N/A	
Incinerated Onsite for Energy Recovery (Kilograms)	N/A	N/A	
Incinerated Offsite for Energy Recovery (Kilograms)	237,401	194,658	-18%
Paper/Cardboard Dispose (Kilograms)	N/A	N/A	
Paper/Cardboard Recycle (Kilograms)	194,175	214,518	10%
Plastic Dispose (Kilograms)	N/A	N/A	
Plastic Recycle (Kilograms)	25,732	13,225	-95%
Plastics formally recycled now sent to landfill. Identified other production waste streams that could be recycled and diverted from disposal. Recycled more material that in previous reports were included in disposal line above. Generated less waste material requiring incineration off-site. Increased recycling activities around cardboard packaging and product container packaging Plastic disposal reflected in non-hazardous landfill waste disposal. Not tracked separately. Previous recycling facility changed ownership and stopped accepting used plastics. Material difference now reflected in landfill disposal.			
Water Use: All water use source data (invoices/meter readings) for 2014 should be submitted to Schneider Electric (see contact information provided above).			
Beneficial Water Reuse (Liters)	N/A	N/A	
Discharge to municipal sewers (Liters)	169,182,675	205,988,076	22%
Discharge to surface water (Liters)	N/A	N/A	
Non-potable from surface water (Liters)	NA	N/A	
Non-potable from wells (Liters)	NA	N/A	
Potable from wells (Liters)	NA	N/A	
Potable purchased (Liters)	Confirm that invoices/data is sent to Schneider Electric through local procurement		

Manufactured product increased 22% from 2013 to 2014