

INDIANA ENVIRONMENTAL STEWARDSHIP PROGRAM ANNUAL PERFORMANCE REPORT

State Form 53475 (R8 / 1-22)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
ENVIRONMENTAL STEWARDSHIP PROGRAM

Indiana Department of Environmental Management Office of Program Support

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FAX: (317) 233-5627 E-mail: <u>esp@idem.IN.gov</u>

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 1**st of every year, for each calendar year in which the entity has been a member for at least three (3) full months. Membership terms are renewed every four (4) years through submitting your APR. 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.

This form will also be used for ESP members who are also members of the Indiana Partners for Pollution Prevention Program to recertify their membership and reaffirm their commitment to the Partners Pledge.

SECTION A	FACILITY INFORM	IATION		
Name of facility Roche Diagnostics Indianapolis				
Name of parent company (if applicable) Roche				
Street address (number and street) 9115 Hague Road				
City / State / ZIP code Indianapolis				
County Marion				
Website of facility / company roche.com				
How many employees (full time equivalents) 5054	currently work at your facility?			
	CONTACT INFOR	MATION		
Name of Primary Contact (Mr. / Mrs. / Ms. / Mrs. Krista McKenna	Dr.)	Title Sr. SHE Professional		
Telephone number (317) 225-3176	Mobile phone number E-mail address krista.mckenna@roche.com			
Mailing address (if different from facility add	ress)			
City / State / ZIP Code				
Name of Secondary Contact (Mr. / Mrs. / Ms Mrs. Jasmin Ensminger Illera	s. / Dr.)	Title Principal SHE Leader		
Telephone number (317) 209-5664	Mobile phone number ()	E-mail address jasmin.ensminger_illera@roche.com		
Mailing address (if different from facility add	ress)			
City / State / ZIP Code	City / State / ZIP Code			
	REPORTING PE	RIOD		
Reporting period dates from prior calendar year (<i>mm/dd/yyyy</i> – <i>mm/dd/yyyy</i>) 1/1/2021-12/31/2021				
 1a. Is this the fourth ESP Annual Performance Report of your membership term? ☐ Yes—If yes, answer question 1b. ☒ No—If no, skip to question 2a. 				
 1b. Do you wish to renew your Indiana Environmental Stewardship Program membership? ☐ Yes—If yes, please answer question 2a and complete all sections of this annual report. ☐ No—If no, please answer question 2a and complete all sections of this annual report except for Section F. 				

	of the Indiana Partners for Pollution Prevention (Partners) Progr ver question 2b. the "Change in Information" section of this report.	ram?
	REPORTING PERIOD (CON	VTINUED)
	rtify your Partners for Pollution Prevention (Partners) Pledge? se complete all sections of this annual report. complete all sections of this annual report except for Section F	- .
	CHANGE IN INFORMAT	TION
In your ESP application a changes or additions to yo	nd, perhaps, in previous annual performance reports, you desc our facility's list of products or activities?	cribed what your facility does or makes. Have there been any
□ Yes—If yes,	please describe them:	
⊠ No		
SECTION B	PUBLIC OUTREACH AND PERFORMAN	NCE REPORTING
Why do we need this in: IDEM needs to know how public.	formation? venvironmental information was shared with the	What do you need to do? Describe how the facility has shared and plans to share environmental information.
report publicly on its envir	ronmental performance. Roche ranked the most sustainable he	riod to interact with the community on environmental issues and to nealthcare company in the Dow Jones Sustainability Indices for the sling drive, and Household Hazardous Waste disposal event. The April 2021.
	he following methods your facility plans to use to make its ESP	P Annual Performance Report available to the public. Please check
as many as appropriate. ⊠ Web site (http://www.htt Other:	ttp://www.https://www.roche.com/sustainability.htm) □ Open house □ Meetings □ Press releases □
certain criteria and use an least every thirty-six (36) i	ENVIRONMENTAL MANAGEMENT SYSTEM of the state of the system	What do you need to do? Answer the following questions about your EMS.
-	anization of ISO 14001 EMS Lead Auditor who conducted the m P Engineering with Keramida, Inc.	nost recent EMS assessment:
	st recent EMS assessment performed by an ISO 14001 EMS L skip to Question 4.	ead Auditor within the past thirty-six (36) months?
	ease have your ISO 14001 EMS Lead Auditor complete and significant significant complete and sign	gn the following checklist, indicating whether or not your EMS meets
□ Yes □ No	Evidence of senior management support, commitment, and a	approval.
□ Yes □ No	A written environmental policy directed toward compliance, p	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 environmental impacts and applicable laws and regulations.	on of those aspects deemed significant considering, at the minimum,
□ Yes □ No	Established priorities, and environmental objectives and targe	ets for continuous improvement in environmental performance and regulations, and permit conditions. Objectives and targets must go ental media, types of pollution to be prevented or reduced,
□ Yes □ No		s identifying and responding to community concerns; informing the nd reporting on the EMS, including reporting to the public on the
□ Yes □ No	Incorporation of environmental and pollution prevention plant and modifications of existing processes.	ning in the development of new products, processes, and services
□ Yes □ No	Evidence of clear responsibility for implementation, training, resuring compliance with applicable environmental laws, reg	•
□ Yes □ No	Documentation of the implementation procedures and the res	sults of implementation.
□ Yes □ No	Appropriate written EMS procedures.	
□ Yes □ No	An annual evaluation of the EMS with written results provided	d to senior management and affected employees.

Signature of ISO 14001 EMS Lead Auditor		Date (month, day, year)
SECTION C	ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT	

SEC	TION C ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT
4.	Were any deficiencies found during the most recent EMS assessment? ☐ Yes—If yes, describe any deficiencies found and the corrective action taken to address each deficiency:
	⊠ No
5.	What type of protocol was used to perform the independent EMS assessment? ☐ ISO 14001:2015 Certified 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 14001:2015 □ Responsible Care EMS □ Responsible Care 14001
7.	When was the last Senior Management review of your EMS completed?
	Month / Year: February 2022
	Who headed the review (name and title)? Jasmin Ensminger Illera, Principal SHE Leader
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: Roche Diagnostics Corporation Audit
	Month(s) / Year(s): June 2019
	Who conducted the audit(s) (e.g., facility staff, corporate, third party)? Roche Corporate SHE staff
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?
	re have been no emergencies that have occurred during the past year. The campus has experienced changes with occupancy into new buildings and demolition of buildings. Plans have been updated to reflect this.
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 plans to correct these instances. □ No—If no, please explain your plans to correct these instances.
	Recommendations were suggested and actions have been taken to improve EMS programs.

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 (12) months. Dow Jones Sustainability Index for Health Care Companies
- 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? No, we will continue to meet the EMS requirements in rule (326 IAC 25).
4.	Are the ESP and/or Partners group meeting your expectations? Please provide feedback or suggestions. Yes

SECTION D

Yes, 24 hour notification for inspections.

ADDITIONAL INFORMATION (CONTINUED)

5. If you are a member of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding commitment to pollution prevention (P2).

Yes	No			
×		1. Ensure employees are aware of the facility's commitment to P2 and understand their role in implementing P2 objectives and goals in the facility.		
⊠		2. Your facility has incorporated P2 planning in the development of new products, processes, and/or services.		
\boxtimes		3. Your facility established a mechanism to monitor waste generation and identify realistic P2 goals.		
\boxtimes		4. Your facility has established a process to listen and respond to stakeholder concerns.		
\boxtimes		Your facility makes available your general waste reduction and P2 information to members of our community, IDEM, and the Partners, if requested?		
	×	Your facility has participated in or conducted outreach activities that include details of your P2 efforts; please specify: The Roche corporate group shares multi-site information, but specific information for Indianapolis operations has not been published in the past.		
\boxtimes		7. Your facility has participated in two or more Partners meetings in the last year.		
×		8. Your facility supported the annual Pollution Prevention Conference and Trade Show. Please check all that apply: ☐ Financial sponsorship ☐ One or more attendees from your facility ☐ Other (specify)		

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. IDEM needs to report cumulative program reduction results.

What do you need to do?

Reference Section F for "Category" and "Indicator" options to complete this section. Summarize your facility's progress on achieving the initiative you identified in the application or last year's APR. For assistance, please call (800) 988-7901 or email esp@idem.IN.gov.

Initiative #1

IIIIdative #1			
Category 1: Energy Reduction	Baseline	Current	Cost Savings
Indicator 1:	(indicate measurement unit)	(indicate measurement unit)	Cost Savings
Calendar year	2020	2021	
Actual quantity (per year)	68.1 GJ/e	60.6 GJ/e	
Production unit (select one)			roduction lbs.
Production Quantity			NA

Normalization factor (Current year production ÷ Baseline year production)

Normalized quantity (Actual current year quantity - Actual baseline quantity) x Normalization factor 5054 employees in 2021 and 5217 employees in 2020. GJ/e represents Gigajoules per employee.

Briefly describe how you achieved improvements for environmental initiative #1 or, if relevant, any circumstances that delayed progress. Energy usage for Indianapolis is combined with Natural Gas consumption, Electricity consumption, flights, fleet (fuel consumption), and diesel fuel consumption. Due to Covid, travel was reduced by 55%. The site is focused on the goal to remove their dependence on fossil fuels and transition to only utilizing energy from sustainable sources. As we make changes to campus equipment and vehicles we anticipate an overall increase in the electricity demand for the site. The electricity provided at the site is 100% renewable provided by AES. Projects that are in process include the transition of our fleet vehicles from hybrid to electric or plug-in electric, replacement of natural gas dock heaters to electric dock heaters, and replacement of natural gas air handlers to electric air handlers.

Initiative #2					
Category 2:	Baseline	Current	Cost Savings		
Indicator 2:	(indicate measurement unit)	(indicate measurement unit)	Cost Savings		
Calendar year					
Actual quantity (per year)					
Production unit (select one)	Earned Labor Hours Production units Production lbs. Other specify (e.g. Gallons, length, etc.)				
Production Quantity	Production Quantity NA				

Normalization factor (Current year production ÷ Baseline year production)

Normalized quantity (Actual current year quantity - Actual baseline quantity) x Normalization factor

Briefly describe how you achieved improvements for environmental initiative #2 or, if relevant, any circumstances that delayed progress.

Initiative #3					
Category 3: Indicator 3:	Baseline (indicate measurement unit)	Current (indicate measurement unit)	Cost Savings		
Calendar year					
Actual quantity (per year)					
Production unit (select one) Earned Labor Hours Production units Production lbs. Other specify (e.g. Gallons, length, etc.)			luction lbs.		
Production Quantity			NA		

Normalization factor (Current year production ÷ Baseline year production)

Normalized quantity (Actual current year quantity - Actual baseline quantity) x Normalization factor

Briefly describe how you achieved improvements for environmental initiative #3 or, if relevant, any circumstances that delayed progress.

SECTION E

ENVIRONMENTAL IMPROVEMENT INITIATIVE RESULTS

- 1. Briefly describe the *impacts or wastes* eliminated resulting from the environmental initiative(s). If multiple initiatives, please indicate which specifically. Roche has an initiative to achieve CO2 Zero which means illuminating our use of fossil fuels. The Indianapolis site has been investing in electric vehicles and replacing natural gas equipment with electric equipment. The site purchases renewable energy certificates, so the electricity used at the site is CO2 neutral. There are additional goals for waste reduction, water reduction, and to have equipment that uses natural refrigerant.
- 2. Are there other best management practices (BMPs) you can share correlating to your initiative(s)? Asset Recovery Program repurposing of equipment
- 3. If the objectives and targets associated with the environmental improvement initiative(s) were not attained, please verify continued progress toward the environmental initiative(s). If multiple initiatives, please indicate which specifically.

The Indianapolis site has several projects and initiatives to help achieve the Roche SHE corporate goals. Projects include construction of a new warehouse that will have a CO2 Zero energy use footprint, replacement of ICE engine fleet cars with BEVs, and replacement of natural gas air handlers and dock heaters with electric.

4. Please provide a narrative summary of progress made toward qualitative, significant EMS objectives and targets, if any.

Roche Indianapolis has been a progressive diagnostics affiliate site working to achieve 100% sustainable energy for electricity, to invest in natural refrigerant systems, construct buildings that are energy efficient to meet the Roche directive requirements, and to reduce our needs for water by having sustainable landscaping.

5. Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, DOE Energy Performance, state award application). None
6. Would your facility be willing to share the environmental improvement initiative(s) and its best management practices (BMPs) at the ESP Annual Meeting and/or a Partners for Pollution Prevention quarterly meeting or conference?

SECTION F

FUTURE YEAR 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 **future environmental improvement initiative** selected by your facility. For the category and indicator selected, list the **baseline year** (e.g., 2022) and the **future year** (e.g., 2023). 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 <u>21</u>	Future Year 20 <u>22</u>	Unit
- Material Business	□ Recycled content			□ Pounds, □ tons □ gallons
☐ Material Procurement	☐ Hazardous/toxic components			☐ Pounds, ☐ tons☐ gallons
☐ Suppliers' Environmental Performance	☐ Specify indicator:			As specified for the particular indicator
	☐ Materials used			□ Pounds, □ tons □ gallons
☐ Material Use	☐ Hazardous materials used			□ Pounds, □ tons □ gallons
	☐ Ozone depleting substances used	924.5 lbs	900 lbs	CFC-11 equivalent pounds
	☐ Total packaging materials used			☐ Pounds, ☐ tons
☐ Water Use	☐ Total water used			Gallons
	⊠ Electricity	167,395 GJ/46,058 MWh	160,000 GJ/44,000 MWh	□ kWh, ⊠ MWh
	□ Steam			□ kWh, □ MWh, □ gallons, □ ft³
	⊠ Natural gas	27,409 GJ/ 25,959 MMBtu	26,000 GJ/ 24,500 MMBtu	□ Btu, ⊠ MMBtu
	⊠ Diesel	92,471 gallons	87,000 gallons	Gallons
⊠ Energy Use	□ Propane / LPG			□ Btu, □ MMBtu, □ gallons
	⊠ Gasoline	599,990 gallons	570,000 gallons	Gallons
	□ Solar	,		□ kWh, □ MWh
	□Wind			□ kWh, □ MWh
	☐ Landfill gas			□ Btu, □ MMBtu
	☐ Combined heat and power			□ kWh, □ MWh, □ Btu, □ MMBtu
	☐ Other:			
	☐ Land and habitat conservation			☐ Square feet, ☐ acres
☐ Land and Habitat	☐ Community land revitalization			☐ Square feet, ☐ acres
	□ Total GHGs			MTCO2E
	□VOCs			☐ Pounds, ☐ tons
	□ NOx, SOx, PM _{2.5} , PM ₁₀ , or CO			☐ Pounds, ☐ tons
☐ Air Emissions	☐ Air toxics			☐ Pounds, ☐ tons
	□ Odor			European Odor Units
	□ Radiation			☐ Curies, ☐ Becquerels
	□ Dust			□ Pounds, □ tons
☐ Discharges to Water	□ COD or BOD			□ Pounds, □ tons

	□ Toxics			□Pounds, □ tons
	☐ Total suspended solids			□Pounds, □ tons
	□ Nutrients			□Pounds, □ tons of □ N or □ P
	☐ Sediment from runoff			□Pounds, □ tons
	□ Pathogens			□MPN/ml, □ CFU/ml
Category	Indicator ⊠ Landfill	Baseline Year 20<u>21</u> 196	Future Year 20 <u>22</u>	Unit □Pounds, ⊠ tons
	☐ Incineration			□Pounds, □ tons
□ Non-hazardous Waste □ Hazardous Waste	☐ Reused/recycled off-site	864 tons	880 tons	□Pounds, □ tons, □gallons
	□ Other:			□Pounds, □ tons, □gallons
□ Noise	□ Noise			dBA
□ Vibration	□ Vibration			Inches per second
	☐ Expected lifetime energy use			□kWh, □ MWh, □ Btu, □ MMBtu,
	☐ Expected lifetime water use			Gallons
□ Products	☐ Expected lifetime waste to air, water, or land from product use			□ Pounds, □ tons
	☐ Waste to air, water, or land from disposal or recovery			□ Pounds, □ tons
. If the future environmenta	I improvement initiative(s) will be qualitate	tive in nature, please describ	oe.	
reduction of 100 lbs or mo	off campus that have increased our total ore as we continue plans to replace the re uipment for items such as calibration equ	efrigerant with a natural refri	gerant. We will continue	
particular process line, em Environmental initiatives v	changes do you plan to undertake at yo nployee training)? will be met with various projects that are of 2 neutral, waste reduction, water use red	currently either underway or	in study. Projects and in	nitiatives will address energy
	address a significant aspect in your EMS		room outol improvement i	nitioti va
ы No—ii No, piease	explain why you believe this indicator sh	iodia de ilicidada as an envi	ronmental improvement i	inialive.
	CERTIFIC	ATION AND PLEDGE		
n behalf of (<i>name of facility</i>)_				
the best of my knowledge ar	ntained in this Annual Performance Repond based on reasonable inquiry, currently ve action program in place to attain comp	in compliance with all appli	•	,
J.S. EPA, state, or local jurisdi	, commit to m a Environmental Stewardship Program st ctions. We agree to promote the Indiana we must meet the requirement of implem	a Environmental Stewardship	full compliance with all report of Program and to share of	egulations promulgated by the success stories with other

membership (for a total of four (4) initiatives), 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 four (4) 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	Date (month, day, year)
Jennifer Worfgram	3/28/2022
Printed signature Jennifer Wolfgram	Title VP Site Operations & SHE