

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

MC 64-00, Room IGCN 1316 100 North Senate Avenue Indianapolis, IN 46204-2251 Telephone: (800) 988-7901 FAX: (317) 233-5627

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 1st 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.

and reaffirm their commitment to the Partne	ers Pledge.			
SECTION A	FACILITY INF	ORMATION		
Name of facility ARaymond Manufacturing Center North Am	nerica		1	
Name of parent company (if applicable) ARaymond				
Street address (number and street) 800 W. County Road 250 S			1	
City / State / ZIP code Logansport Indiana 46947				
County Cass	51		2.01	
Website of facility / company ARaymond.com			-	
How many employees (full time equivalents 165	c) currently work at your facility?			
·新山市 (1986年) (1986年)	CONTACT IN	FORMATION		
Name of Primary Contact (Mr. / Mrs. / Ms. / Larry Barker	Dr.)	Title Plant Manager		
Telephone number ()	Mobile phone number (574) 737-3374	E-mail address Larry.Barker@ARaymond.com		
Mailing address (if different from facility add Same	iress)			
City / State / ZIP Code			,	
Name of Secondary Contact (Mr. / Mrs. / M Nicholaus Holcomb	s. / Dr.)	Title Plating Superintendant		
Telephone number	Mobile phone number (574) 737-3369	E-mail address Nicholaus.Holcomb@ARaymond.com		
Mailing address (if different from facility add				
City / State / ZIP Code				
Reporting period dates from prior calendar 1/1/2021-12/31/2021	REPORTIN year (<i>mm/dd/yyyy</i> – <i>mm/dd/yyyy</i>)	G PERIOD		
1a. Is this the fourth ESP Annual Perform Yes—If yes, answer question 1b.	ance Report of your membership te	rm?		
No—If no, skip to question 2a.	in and the second big Barrers	www.haratiso		
 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. 				
2a. Are you a member of the Indiana Partners for Pollution Prevention (Partners) Program? ☑ Yes—If yes, answer question 2b. ☐ No—If no, skip to the "Change in Information" section of this report.				

		REPORTING PERI	OD (CONTINUED)
2b.		rtify your Partners for Pollution Prevention (Partners)	Pledge?
		ase complete all sections of this annual report. e complete all sections of this annual report except fo	Section F.
		CHANGE IN II	IFORMATION
		nd, perhaps, in previous annual performance reports, our facility's list of products or activities?	you described what your facility does or makes. Have there been any
	☐ Yes—If yes,	please describe them:	
	⊠ No		
SEC	CTION B	PUBLIC OUTREACH AND I	PERFORMANCE REPORTING
			What do you need to do? Describe how the facility has shared and plans to share environmental information.
		e activities that your facility conducted during this repronmental performance. Sharing of best practices wit	orting period to interact with the community on environmental issues and to nother ARaymond facilities worldwide.
	ase indicate which of t	he following methods your facility plans to use to make	e its ESP Annual Performance Report available to the public. Please check
	Web site (http://www <u>/</u>	ARaymond.com) ☐ Open ho	use 🛮 Meetings 🔲 Press releases 🔲 Other:
e E c	OTION C	ENVIRONMENTAL MANAGE	ALDIT CYCTEAR A COFCORDENT
Why Faci crite		formation? plemented an EMS that meets certain 1001 EMS Lead Auditor at least every	MENT SYSTEM ASSESSMENT What do you need to do? Answer the following questions about your EMS.
1.		ent date that an ISO 14001 EMS Lead Auditor perform	ned an EMS assessment at your facility? July 2021
2.	- · · · · · · · · · · · · · · · · · · ·	nization of ISO 14001 EMS Lead Auditor who conducted ditor, Smithers Quality Assesment	ted the most recent EMS assessment:
3.	Is the date of the mo	st recent EMS assessment performed by an ISO 140	01 EMS Lead Auditor within the past thirty-six (36) months?
	Yes—If yes	s, skip to Question 4.	
		please have your ISO 14001 EMS Lead Auditor comp s the listed criteria for ESP membership:	lete and sign the following checklist, indicating whether or not your EMS
	Yes No	Evidence of senior management support, commitment	ent, and approval.
	☐ Yes ☐ No	A written environmental policy directed toward com	pliance, pollution prevention, and continuous improvement.
	Yes No	Identification of the environmental aspects at the en	tity.
	Yes No	Prioritization of the environmental aspects and a de environmental impacts and applicable laws and reg	termination of those aspects deemed significant considering, at the minimum, ulations.
	Yes No	for ensuring compliance with applicable environment	and targets for continuous improvement in environmental performance and stal laws, regulations, and permit conditions. Objectives and targets must go environmental media, types of pollution to be prevented or reduced, s.
	Yes No	An established community outreach mechanism the	nt includes identifying and responding to community concerns; informing the munity; and reporting on the EMS, including reporting to the public on the
	Yes No	Incorporation of environmental and pollution prever and modifications of existing processes.	tion planning in the development of new products, processes, and services
	Yes No		training, monitoring, EMS maintenance, taking corrective action, and ensuring ulations, and permit conditions.
	Yes No	Documentation of the implementation procedures a	nd the results of implementation.
	Yes No	Appropriate written EMS procedures.	
	Yes No	An annual evaluation of the EMS with written result	s provided to senior management and affected employees.
	Signature of ISO 140	001 EMS Lead Auditor	Date (month, day, year)

SEC	TION C ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT CONTINUED					
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:					
	3 minor non-conformances were noted during the audit.					
	Document control issue:SPCC plan was observed to not include the non-exposure certification. CA: update SPCC to self certification and include the non exposure where required.					
	Operational Control issue. 20 spill kits on the manufacturing floor were observed and one spill kit was observed containing used absorbent pads, socks and plastic bags containing used die oil. CA Update training and information to employees regarding the process to ensure spill kit usage is reported.					
	3. Document Control issue: Training records for employee awareness training performed were not available for all employees. CA HR to manage all training records to ensure availability to auditors. (Note: all employees interviewed were well informed and knowledgeable on the EMS)					
	□ 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):					
	Other (please specify).					
6.	Is the EMS certified to a recognized standard?					
	Responsible Care EMS					
	Responsible Care 14001					
	□ No					
7.	When was the last Senior Management review of your EMS completed?					
	Month / Year: 07/2021					
	Who headed the review (name and title)? Larry Barker					
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: The facility and all operations were reviewed for compliance by third party.					
	Month(s) / Year(s): 5/2019 Who conducted the audit(s) (e.g., facility staff, corporate, third party)? Kerimida INC					
	Who conducted the addit(s) (e.g., facility staff, corporate, third party)? Reminda into					
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? NA					
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.					
	Training for spill kits usage reporting. Training record management updates. SPCC updates to include non-contact certification.					

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 NA	o ESP, please list environmental awards received or voluntary programs participated in during the past twelve (12) months.
	consider.	cility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should semi annual reports to EPA for the current air permit instead of quarterly reports. The reduced reporting is a result of the ESP certification.
3.		ty was not registered to the ISO 14001 standard prior to becoming an ESP member, has ESP helped you to pursue registration? If so, how een instrumental in achieving registration?
	We recently	P and/or Partners group meeting your expectations? Please provide feedback or suggestions. If received an audit of our facility by the ESP program. There was great discussion and feedback from the auidtor on many of our programs is in the facility.
SEC	TION D	ADDITIONAL INFORMATION (CONTINUED)
5. If	you are a r	ADDITIONAL INFORMATION (CONTINUED) nember of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding to pollution prevention (P2).
5. If	you are a r	nember of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding
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5. If c	you are a rommitment	nember of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding to pollution prevention (P2). 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.
5. If	you are a rommitment	nember of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding to pollution prevention (P2). 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. 3. Your facility established a mechanism to monitor waste generation and identify realistic P2 goals.
5. If c	you are a rommitment	nember of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding to pollution prevention (P2). 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. 3. Your facility established a mechanism to monitor waste generation and identify realistic P2 goals. 4. Your facility has established a process to listen and respond to stakeholder concerns. 5. Your facility makes available your general waste reduction and P2 information to members of our community, IDEM, and the
5. If c	you are a rommitment	nember of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding to pollution prevention (P2). 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. 3. Your facility established a mechanism to monitor waste generation and identify realistic P2 goals. 4. Your facility has established a process to listen and respond to stakeholder concerns. 5. Your facility makes available your general waste reduction and P2 information to members of our community, IDEM, and the Partners, if requested? 6. Your facility has participated in or conducted outreach activities that include details of your P2 efforts; please specify:
5. If c	you are a rommitment	nember of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding to pollution prevention (P2). 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. 3. Your facility established a mechanism to monitor waste generation and identify realistic P2 goals. 4. Your facility has established a process to listen and respond to stakeholder concerns. 5. Your facility makes available your general waste reduction and P2 information to members of our community, IDEM, and the Partners, if requested? 6. Your facility has participated in or conducted outreach activities that include details of your P2 efforts; please specify: Sharing of initatives within the ARaymond network.

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.		complete this t the initiative	What do you need to Reference Section F for "Category" and "Indicator" optior complete this section. Summarize your facility's progress on achie the initiative you identified in the application or last year's APR. assistance, please call (800) 988-7901 or email <u>esp@idem.IN</u> .	
Initiative #1				
Category 1: Indicator 1:	Baseline (indicate measurement unit)	Current (indicate measurement unit)	Cost Savings	
Calendar year	2016 ²⁰²⁰	2020 2021		
Actual quantity (per year)	30963400 20160355	35041673 22783000		
Production unit (select one) Earned Labor Hours Production units Production lbs. GallonsOther specify (e.g. Gallons, length, etc.)				
Production Quantity	1,115,000 1261167	1,107,550 1015854	NA	
Normalization factor (Current year	r production ÷ Baseline year product	tion) 0.99 ^{0.805}		
	nt year quantity - Actual baseline qu		037490 2112507.24	

Briefly describe *how* you achieved improvements for environmental initiative #1 or, if relevant, any circumstances that delayed progress. Improvements in the cooling process systems for the Heat Treat process, along with other added measures in the Wastewater Treatment operations have created savings in the water usage. Use numbers from the C&F building overflow for reporting. Production quantity is total number of pieces shipped. This includes pieces processed for outside customers. Production pieces are x000.

Initiative #2			
Category 2: Indicator 2:	Baseline (indicate measurement unit)	Current (indicate measurement unit)	Cost Savings
Calendar year	2017 2020	2020 2021	
Actual quantity (per year)	833,300 lb/yr 776540	775,573 lb/yr	
Production unit (select one)	Earned Labor Hours Industreal Waste Other specif	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	duction lbs.
Production Quantity	1,320,681 1261167	1,107,582	NA NA

Normalization factor (Current year production + Baseline year production) 0.84

Normalized quantity (Actual current year quantity - Actual baseline quantity) x Normalization factor -179,003

Briefly describe how you achieved improvements for environmental initiative #2 or, if relevant, any circumstances that delayed progress. There has been a significant reduction in production quantity due to the pandemic, with a likewise reduction in industrial waste. The reduction in industrial waste is greater than expected due to refinement in the plating and coatings waste water operation. Those refinements are creating a reduction in the amount of sludge (filter cakes) created.

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 Other specify (e.g. Gall	, , , , , , , , , , , , , , , , , , , ,	duction lbs.
Production Quantity			NA
Normalization factor (Current ye	ear production ÷ Baseline year prod	uction)	

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 CONTINUED

- 1. Briefly describe the *impacts or wastes* eliminated resulting from the environmental initiative(s). If multiple initiatives, please indicate which specifically. Through continued efforts of the manufacturing employees there has been a reduction in the disposal of paint sludge and solids.
- 2. Are there other best management practices (BMPs) you can share correlating to your initiative(s)?
- 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.

Continued efforts toward the ISC	mmary of progress made toward <i>qualit</i> . 2) 14001 program combined with cost s. 3) It is in the process of review for the fac	avings through reduced was	le costs are the current i	initatives. There is a Carbon vill be reviewed for inclusion to
5. Please list any state, U.S. EPA award application).	A, or other partnership programs to wh	ich you are reporting this dat	a (e.g., Energy Star, DC	DE Energy Performance, state
	o share the environmental improvemer revention quarterly meeting or conferer		nagement practices (BN	MPs) at the ESP Annual Meeting
improvement initiativ	ion? committed to improving	egory and indicator selected,	Refer to Table and (s) that represents the f list the baseline year (e.g., 2022) and the future vear
Category	Indicator	Baseline Year 20	Future Year 20	Unit
☐ Material Procurement	☐ 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			CFC-11 equivalent pounds
	☐ Total packaging materials used			Pounds, tons
☐ Water Use	☐ Total water used			Gallons
	☐ Electricity			☐ kWh, ☐ MWh
	☐ Steam			☐ kWh, ☐ MWh, ☐ gallons, ☐ ft³
	☐ Natural gas			☐ Btu, ☐ MMBtu
	Diesel			Gallons
	☐ Propane / LPG			☐ Btu, ☐ MMBtu,
☐ Energy Use	☐ Gasoline			Gallons
	Solar		<u> </u>	
and the same of th	ļ			☐ 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
D Air Emilester	□ VOCs			☐ Pounds, ☐ tons
☐ Air Emissions	NOx, SOx, PM _{2.5} , PM ₁₀ , or CO			☐ Pounds, ☐ tons
	Air toxics			Pounds, tons

	_				
	Radiation			☐ Curies, ☐ Becquerels	
	Dust			☐ Pounds, ☐ tons	
	☐ COD or BOD			Pounds, tons	
	Toxics			□Pounds, □ tons	
	☐ Total suspended solids			□Pounds, □ tons	
☐ Discharges to Water	□ Nutrients	e e		□Pounds, □ tons of □ N or □ P	
	☐ Sediment from runoff			☐Pounds, ☐ tons	
	☐ Pathogens			☐MPN/ml, ☐ CFU/ml	
Category ☐ Non-hazardous Waste	Indicator Landfill Incineration	Baseline Year 20	Future Year 20	Unit □Pounds, □ tons □Pounds, □ tons □Pounds, □ tons,	
☐ Hazardous Waste	☐ Reused/recycled off-site			☐gallons	
Tidzaidods VVaste	Other:			☐Pounds, ☐ tons,☐gallons	
Noise	□ Noise			dВА	
Vibration	☐ Vibration			Inches per second	
Vibration	Vibration			□kWh, □ MWh,	
	Expected lifetime energy use			☐ 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	
SECTION F FUTURE YEAR ENVIRONMENTAL IMPROVEMENT INITIATIVE CONTINUED 1. If the future environmental improvement initiative(s) will be qualitative in nature, please describe. 2. What activities or process changes do you plan to undertake at your facility to accomplish your future initiative (e.g., technology changes in a particular process line, employee training)? 3. Does this future 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) ARaymond Manufacturing North America, Logansport Operations					
to the best of my knowledge and	tained in this Annual Performance Repo d based on reasonable inquiry, currently re action program in place to attain com	y in compliance with all appl			

We, ARaymond Manufacturing North America, Logansport Operations	, commit to maintainin	g the principles	
and goals outlined in our Environmental Management System for our facility's Indiana Environmental	Stewardship Program status. We agre	e to strive for	
full compliance with all regulations promulgated by the U.S. EPA, state, or local jurisdictions. We agree	e to promote the Indiana Environmen	al Stewardship	
Program and to share our success stories with other facilities. We understand that we must meet the	requirement of implementing one (1) r	new,	
independent environmental improvement initiative each year of membership (for a total of four (4) initiative	atives), that the Annual Performance F	Report must be	
submitted to IDEM by April 1st of each year, and that we must reapply to the Indiana Environmental St			
I understand that the information provided in this Annual Performance Report will be public record. I a	m the senior facility manager or author	rized facility	
signatory, and fully authorized to execute this statement on behalf of the corporation or other legal ent			
Performance Report.			
\sim			
Signature	Date (month	, day, year)	
3/25/2022			
Printed signature	Title		
Larry Barker	Plant Manager		