



# INDIANA ENVIRONMENTAL STEWARDSHIP PROGRAM ANNUAL PERFORMANCE REPORT

State Form 53475 (R4 / 3-16)  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
ENVIRONMENTAL STEWARDSHIP PROGRAM

Indiana Department of Environmental Management  
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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 1<sup>st</sup> 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](mailto: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](mailto:esp@idem.IN.gov) or (800) 988-7901.

## SECTION A

## FACILITY INFORMATION

Name of facility

Toyota Motor Manufacturing, Indiana

Name of parent company (If applicable)

Street address (number and street)

4000 Tulip Tree Drive

City / State / ZIP code

Princeton, IN 47670

Web site of Facility/Company

## CONTACT INFORMATION

Name of Contact (Mr. / Mrs. / Ms. / Dr.)

Paul Delor

Title

Environmental Specialist

Telephone number

( 812 ) 387-2956

FAX number

( )

E-mail address

[paul.delor@toyota.com](mailto:paul.delor@toyota.com)

Mailing address (if different from facility address)

4000 Tulip Tree Drive, Mail Drop PE-I

City / State / ZIP Code

Princeton, IN 47670

## REPORTING PERIOD

Reporting period dates (mm/dd/yyyy – mm/dd/yyyy)

Jan 1, 2015 - Dec 31, 2015

1a. Is this the fourth Annual Performance Report of your membership term?

☒ Yes—If yes, answer question 1b.

☐ 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?

☒ Yes—If yes, please complete all sections of this annual report.

☐ 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?

☒ Yes—If yes, please describe them:

Increase in production volumes

☐ No

## 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. Haz Household Waste Day, World Water Monitoring, Earth Camp, Visitor Center

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.

☐ Web site (<http://www.> ) ☐ Open house ☐ Meetings ☐ Press releases ☒ Other in house publications

## ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT

### What do you need to do?

Answer the following questions  
about your EMS.

## SECTION C

ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT  
CONTINUED

7. When was the last Senior Management review of your EMS completed?  
 Month / Year: October 2015 (quarterly meeting)  
 Who headed the review (name and title)? Bill Harper, Assistant Manager, Environmental Affairs
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: Corporate Environmental Compliance Audit  
 Month(s) / Year(s): January 2015  
 Who conducted the audit(s) (e.g., facility staff, corporate, third party)? Corporate
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?  
 There were no reportable emergencies at TMMI last year. Drills were complete and contingency plans proved effective. No changes
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).  
Observations during audit were documented & investigated.  
"Plan, Do, Check, Act" utilized to resolve and recheck issues  
☐ No—If no, please explain your plans to correct these instances.  
☐ No such instances identified.

## 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.  
**Partners for Pollution Prevention, Adopt-a-Highway, Wildlife Habitat Council, Nat'l Public Lands**
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?  
 n/a

## 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](mailto:esp@idem.IN.gov).

## Initiative #1

Category 1: <u>Land and Habitat</u>	Baseline	Current	Cost Savings
Indicator 1: <u>Land and Habit Conserv</u>	(indicate measurement unit)	(indicate measurement unit)	
Calendar year	2014	FY16	
Actual quantity (per year)	0	600sq ft	n/a
Production unit (select one)	Earned Labor Hours Other -- specify (e.g. Gallons, length, etc.)	Production units	Production lbs.
Production Quantity			NA
Normalization factor (Current year production ÷ Baseline year production)			
Normalized quantity (Actual Current year quantity ÷ Normalizing factor)			

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

planted a 600 sq ft pollinator garden aimed at providing food and habitat for butterflies and bees

SECTION E ENVIRONMENTAL IMPROVEMENT INITIATIVE RESULTS CONTINUED			
<b>Initiative #2</b>			
Category 2: <u>Energy</u> Indicator 2: <u>Combined Elc/NG</u>	Baseline ( <i>indicate measurement unit</i> )	Current ( <i>indicate measurement unit</i> )	Cost Savings
Calendar year			
Actual quantity ( <i>per year</i> )			
Production unit ( <i>select one</i> )	Earned Labor Hours Other -- specify (e.g. Gallons, length, etc.)	Production units Production lbs.	
Production Quantity			NA
Normalization factor (Current year production ÷ Baseline year production)			
Normalized quantity (Actual Current year quantity ÷ Normalizing factor)			
Briefly describe <i>how</i> you achieved improvements for this environmental initiative or, if relevant, any circumstances that delayed progress.			
<b>Initiative #3</b>			
Category 3: _____ Indicator 3: _____	Baseline ( <i>indicate measurement unit</i> )	Current ( <i>indicate measurement unit</i> )	Cost Savings
Calendar year	4.90 MMBTU/veh	4.74 MMBTU/veh	TBD
Actual quantity ( <i>per year</i> )			
Production unit ( <i>select one</i> )	Earned Labor Hours Other -- specify (e.g. Gallons, length, etc.)	Production units Production lbs.	
Production Quantity			NA
Normalization factor (Current year production ÷ Baseline year production)			
Normalized quantity (Actual Current year quantity ÷ Normalizing factor)			
Briefly describe <i>how</i> you achieved improvements for this environmental initiative or, if relevant, any circumstances that delayed progress.			
<p>1. Briefly describe the <i>impacts or wastes</i> eliminated resulting from the environmental initiative(s). If multiple initiatives, please indicate which specifically.</p> <p>The goal of the pollinator garden is to provide a chemical free habitat and feeding location for local and migratory pollinators such as bees and Monarch Butterflies.</p>			
<p>2. Are there other best management practices (BMPs) you can share correlating to your initiative(s)?</p> <p>n/a</p>			
<p>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.</p> <p>Effectiveness of the garden will be determined over periodic species audits during the spring, summer, and fall of 2016</p>			
<p>4. Please provide a narrative summary of progress made toward <i>qualitative, significant</i> EMS objectives and targets, if any.</p> <p>n/a</p>			
<p>5. Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL).</p> <p>Wildlife Habitat Council, Energy Star (through Corporate Office)</p>			
<p>6. Is your entity 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>			

## 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., 2015) and the **future year** (e.g., 2016). 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 2015	Future Year 2017	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 checked="" type="checkbox"/> Water Use	<input checked="" type="checkbox"/> Total water used	751 gal/veh	635 gal/veh	Gallons
<input checked="" type="checkbox"/> Energy Use	<input type="checkbox"/> Electricity			kWh / MWh, Btu / MMBtu
	<input type="checkbox"/> Steam			kWh / MWh, gallons, ft <sup>3</sup>
	<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 checked="" type="checkbox"/> Combined heat and power	4.90 MMBtu	4.74 MMBtu	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 <sub>2</sub> E
	<input type="checkbox"/> VOCs			Pounds, tons
	<input type="checkbox"/> NO <sub>x</sub> , SO <sub>x</sub> , PM <sub>2.5</sub> , PM <sub>10</sub> , 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"/> Landfill			Pounds, tons
<input type="checkbox"/> Hazardous Waste	<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

If you need assistance filling out the form, please contact the ESP program manager at either [esp@idem.in.gov](mailto:esp@idem.in.gov) or 1-(800) 988-7901.

## SECTION F

FUTURE YEAR ENVIRONMENTAL IMPROVEMENT INITIATIVE  
CONTINUED

2. If the environmental improvement initiative(s) will be *qualitative* in nature, please describe.

We expect to see measurable change from energy reduction initiatives.

3. 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)?

We are focusing on energy management this year, particularly on weekend and between shift energy reductions. We have started evaluating all our equipment to see what the true demands really are and reducing or eliminating equipment running when not necessary.

4. 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) Toyota Motor Manufacturing, Indiana

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, TMMI, 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 we must meet the requirement of implementing one (1) new, independent environmental improvement initiative each year of membership (for a total of four (4) initiatives), that the Annual Performance Report must be submitted to IDEM by April 1<sup>st</sup> 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)

5-19-2016

Printed signature

Paul Delor

Title

Environmental Specialist