



**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
Sony DADC

Name of parent company (if applicable)
Sony Corporation of America

Street address (number and street)
1800 North Fruitridge Ave

City / State / ZIP code
Terre Haute, Indiana 47804

Web site of Facility/Company
www.sonydadc.com

CONTACT INFORMATION

Name of Contact (Mr. / Mrs. / Ms. / Dr.)
Mr. Tony C. New

Title
Director Security, Sustainability & Technology

Telephone number
812-462-8112

FAX number
812-462-8750

E-mail address
tony.new@sonydadc.com

Mailing address (if different from facility address)

City / State / ZIP Code

REPORTING PERIOD

Reporting period dates (month, day, year)
January 1, 2014 to December 31, 2014

1a. Is this the third 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:
 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. See attached

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

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? **January 13-15, 2015**

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: **See attached**

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: April/2014

Who headed the review (name and title)? Tony New, Director Sustainability & Technology

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: Environmental and Safety
 Month(s) / Year(s): October/2014
 Who conducted the audit(s) (e.g., facility staff, corporate, third party)? Corporate Audit

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. No plan 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).
Minor ISO Audit findings have been closed. No major findings in external audit. Completing opportunities for improvements.
 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.
Terre Haute Chamber of Commerce Green Business Award, US EPA Green Power Leadership Club

2. Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.
One day notification for IDEM inspection, Low priority for routine inspections, ESP Flag

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?
Previously registered

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: <u>VOCs</u> Indicator: <u>Total Use</u>	Baseline Quantity	Future Goal Quantity	Current Quantity	Cost Savings
Calendar year	2013	2015	2014	
Actual quantity (per year)	<u>48,376g = 106 lbs</u>	29,000	<u>31,741g = 69 lbs</u>	
Normalized quantity (per year)	0.072 grams/unit	0.055 grams/unit	0.058 grams/unit	
Basis for your normalizing factor (e.g., gallons of paint produced)	<u>shipped discs produced NF = 0.84</u>			
Measurement unit (e.g., pounds)	<u>grams VOC chemical used per shipped disc</u>			

Briefly describe how you achieved improvements for this environmental initiative or, if relevant, any circumstances that delayed progress.
Improvements centered around chemical substitution and awareness. Solvent blends continue to be used and ethyl acetate replaced with methyl acetate.

Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL).
Reporting of VOCs has only been internal to Sony Corporation, which publishes Sony VOC use in an annual Corporate Social Responsibility Report.

(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"/> Materials used			Pounds, tons
<input type="checkbox"/> Material Use	<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		
<input checked="" type="checkbox"/> Energy Use	<input checked="" type="checkbox"/> Electricity	92,491,817	85,000,000	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)? Consolidation of production areas to one building. Repurpose of production area to warehouse use.
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:

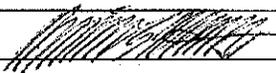
CERTIFICATION AND PLEDGE

On behalf of (name of facility) Sony DADC

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, Sony DADC, 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 Executive Vice President and CTO	Date (month, day, year) <u>5/13/15</u>
Printed signature Michael L. Mitchell		

Section C – Question #3 (EMS Deficiencies)

There were 2 Minor NC's for the most recent ISO-14001 audit.

(NC #1) The City of Terre Haute Wastewater permit was exceeded on 21 August 2014, with a pH level of 10.4 (limit is 10.0). There is no documented evidence of a root cause analysis or that a corrective action plan was formulated or implemented.

Root Cause(s): Once notice of exceedance was received, DADC investigated possible causes of the exceedance and reported them to the POTW. DADC failed to utilize its formal CAR (Corrective Action Request) system to track the progress and closure of the investigation.

Corrective Action(s): Upon receipt of any future exceedance, the Environmental Engineer will first initiate a corrective action in the CAR system. The CAR system has built-in notification mechanisms that ensure timely completion of a corrective action. This will provide automated tracking and alerts as pre-defined due-dates approach. The Director of Sustainability is also alerted upon new and past due CARs and will also take an active role in managing completion of any corrective actions.

(NC #2) The Internal Audit procedure states for a non-conformity, a root cause and a corrective action plan is due by the Return Date on the CAR. On the Aspects/ Operational Control Audit perform in October, 2014; two CARs (concerning MSDSs and obsolete documents) were issued on 11/3/14, with a return date of 11/17/14. There is no evidence of root causes or corrective actions for these CARs, as of 1/13/15.

Root Cause(s): Change in Safety & Environmental personnel allowed the issued CARs to be overlooked and not completed in a timely manner. Also, there is no formal/automated follow-up process for internal non-conformities that could have alerted Environmental management to the delinquent follow-up.

Corrective Action(s): Short term, follow current work instructions that define a weekly notification from the auditor. Additionally, add to the work instruction that any non-conformance that is past due will be discussed at the monthly management quality meeting. Long term, the plan is to utilize a formal CAR system for internal non-conformance monitoring and processing. This will ensure visibility and automated notification of any past due non-conformance responses. The monthly management quality meeting will continue to be utilized for past due escalation to management.

Section B (PUBLIC OUTREACH AND PERFORMANCE REPORTING)

- Sony DADC conducted an annual Earth Day Calendar Contest. Employees sponsor children from age 6-14. The contest theme for 2014 was "Giving Back for a Better Planet and Society". A 12-month calendar was produced using the winning artwork. As part of the contest, Sony DADC had an Earth Day celebration for the winners and semi-finalist. Each child received DVD movies (made in our facility) and an environmental themed book. The group also toured the White Violet Center for Eco-Justice (associated with St. Mary of the Woods College). The tour included an organic garden, pond eco-system and alpacas.
- Sony DADC co-sponsored an annual Earth Day Event at the White Violet Center for Eco-Justice.
- Public reporting of environmental performance is made through Sony Corporation's CSR report. This report includes topics related to: CO2 emission, VOC use, water use and waste. This is reported publicly on an annual basis (http://www.sony.net/SonyInfo/csr_report/).

