



**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
Camcar LLC

Name of parent company (if applicable)
Acument Global Technologies

Street address (number and street)
4366 N Old US Hwy 31

City / State / ZIP code
Rochester, IN 46975

Web site of Facility/Company
www.acument.com

CONTACT INFORMATION

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

Title
EH&S Rep

Telephone number
574-223-9384

FAX number
574-223-1238

E-mail address
jwood@acument.com

Mailing address (if different from facility address)

City / State / ZIP Code

REPORTING PERIOD

Reporting period dates (month, day, year)
Baseline year 2013, future year 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. Plant Emergency Manual to the LEPC, Fire Dept., and Spill Companies

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.acument.com>) 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?	11/14-11/15/13
2.	Is the date of the most recent EMS assessment performed by an ISO 14001:2004 EMS Lead Auditor within the past 36 months?	
	<input checked="" type="checkbox"/> Yes—If yes, skip to Question 3. <input type="checkbox"/> 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:	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	Evidence of senior management support, commitment, and approval.
	<input type="checkbox"/> Yes <input type="checkbox"/> No	A written environmental policy directed toward compliance, pollution prevention, and continuous improvement.
	<input type="checkbox"/> Yes <input type="checkbox"/> No	Identification of the environmental aspects at the entity.
	<input type="checkbox"/> Yes <input type="checkbox"/> 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.
	<input type="checkbox"/> Yes <input type="checkbox"/> 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.
	<input type="checkbox"/> Yes <input type="checkbox"/> 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.
	<input type="checkbox"/> Yes <input type="checkbox"/> No	Incorporation of environmental and pollution prevention planning in the development of new products, processes, and services and modifications of existing processes.
	<input type="checkbox"/> Yes <input type="checkbox"/> 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.
	<input type="checkbox"/> Yes <input type="checkbox"/> No	Documentation of the implementation procedures and the results of implementation.
	<input type="checkbox"/> Yes <input type="checkbox"/> No	Appropriate written EMS procedures.
	<input type="checkbox"/> Yes <input type="checkbox"/> 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?	
	<input checked="" type="checkbox"/> No—If no, skip to Question 4. <input type="checkbox"/> 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: Brian Krauter/Lead Auditor/Intertek	
5.	What type of protocol was used to perform the independent EMS assessment?	
	<input checked="" type="checkbox"/> ISO 14001:2004 Certified audit <input type="checkbox"/> Responsible Care EMS audit <input type="checkbox"/> Responsible Care 14001 audit <input type="checkbox"/> ESP Independent Assessment Protocol <input type="checkbox"/> Other (please specify):	
6.	Is the EMS certified to a recognized standard?	
	<input checked="" type="checkbox"/> Yes—If yes, what standard does the EMS follow (please provide a copy of the most recent certificate)? <input checked="" type="checkbox"/> ISO 14001:2004 <input type="checkbox"/> Responsible Care EMS <input type="checkbox"/> Responsible Care 14001 <input type="checkbox"/> No.	
7.	When was the last Senior Management review of your EMS completed?	
	Month / Year: 2/14	
	Who headed the review (name and title)? Tim Moore (Plant Manager)	

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: Compliance with Federal and State Regulations
 Month(s) / Year(s): 4/13
 Who conducted the audit(s) (e.g., facility staff, corporate, third party)? Jim Weingart, IDEM

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. Drills (Fire, tornado, and spill) conducted per plan. Plt Emergency revised-copies to LEPC, Fire & Spill

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.
 We did not receive any environmental awards. Currently our plant is in the ESP and INSHARP programs with the state.

2. Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.
 To date we have not received any incentives from the state.

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?
 We were registered for many years before pursuing the ESP membership

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>Water use</u> Indicator: <u>Total Water Used</u>	Baseline Quantity	Future Goal Quantity	Current Quantity	Cost Savings
Calendar year	2012	2013		We purchased 14 toilets & 4 urinals (\$7,417.90). Estimated savings per IDEM \$113,333/YR per
Actual quantity (per year)	2,893, 500 gallons	98,550g per toilet(IDEM)	<i>See attached from IDEM</i>	
Normalized quantity (per year)				
Basis for your normalizing factor (e.g., gallons of paint produced)				
Measurement unit (e.g., pounds)	Gallons per flush per IDEM assessment 1.6 gal compared to 1.4 & 1 gal for urinals			
Briefly describe how you achieved improvements for this environmental initiative or, if relevant, any circumstances that delayed progress. We had a set schedule to purchase a certain number of toilets and urinals each month.				
Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL). None at this time				
(Optional) If your facility has experienced continued results for environmental improvement initiatives pursued in past years of ESP membership, please share those results here.				



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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Indianapolis, Indiana 46204
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Toll Free (800) 451-6027
www.idem.IN.gov

Pollution Prevention Opportunity Assessment Report for **Acument Global Technologies / Camcar LLC**

Facility contact: Jill Wood, EH&S Representative
Address: 4366 North Old U.S. Highway 31, Rochester, IN 46975
IDEM staff: Stacey Martindale, Senior Environmental Manager
IDEM Office of Pollution Prevention and Technical Assistance
(800) 988-7901

Date: January 14, 2010

Process and Site Visit Summary:

On January 14, 2010, the Senior Environmental Manager conducted a pollution prevention opportunity assessment at Acument Global Technologies / Camcar LLC in Rochester, Indiana. This facility manufactures fasteners. The facility's manufacturing processes include heading, threading, cold forming, and parts washing. The Senior Environmental Manager researched pollution prevention and energy conservation opportunities for the processes at this facility. The specific opportunities are identified, and the estimated savings or reductions from those opportunities are quantified (if possible) in this report.

Areas Evaluated:

- Defects – The facility minimizes defects from processing.
- Over processing and waiting – There is no waiting or over processing.
- Building envelope – The facility has not evaluated the building envelope.
- Office equipment – The facility has numerous electronic devices, like computers and televisions, which are left on overnight and plugged in when not in use.
- Lighting – The facility has metal halide lights throughout with numerous light switches so certain areas can be switched off when lighting is not needed.
- Vending machines – The facility has four vending machines and a large refrigerator in the break room.
- Warehouse and raw material storage – The facility has an area where raw materials are stored and lights are kept on during operating hours.
- Water heaters – The facility has two natural gas hot water heaters.
- Oil use – The facility uses approximately 143,000 pounds of petroleum-based oils annually.
- Parts and pan washers – The facility has one parts washer and one pan washer.
- Air compressor system – The facility has three air compressors with an extra tank to store compressed air. The pressure reading was approximately 103 pounds per square inch (psi). The facility contact was unaware of a leak detection system.
- Restrooms – The facility has toilets in the restroom that were installed prior to 1980. Prior to 1980, toilets used 5 to 7 gallons per flush. From 1980 -1992, toilets used an average of 3.5 gallons per flush. The restrooms provided paper towels for employees to dry their hands. Each sink has an aerator installed.

Potential Environmental Impact Reduction: This will reduce the facility's electrical usage and the facility's carbon footprint.

Opportunity # 7: Restrooms – The facility could upgrade to modern toilets that use as little as 1.6 gallons per flush. Mechanisms for water displacement within the water tanks can also be used to decrease the amount of water used.

In numerous studies, it has been found that faucets are continually left on much longer than necessary for hand washing. Motion sensor faucets greatly reduce the amount of time that a faucet is left on. Assuming 20 hand washings a day for each faucet, switching to a motion sensor faucet would save the facility 6,080 gallons of water per year for each faucet. New low-flow toilets and motion sensor, low-flow faucets will also save money on the water and sewage bill.

Additionally, using electric hand dryers instead of paper towels in the restrooms will reduce the amount of waste sent to the landfill and reduce maintenance time spent refilling paper towel holders. The life cycle analysis of electric hand dryers and paper towels shows electric hand dryers have a smaller environmental footprint than paper towels (4). You can calculate your payback period for purchasing an electric hand dryer at <http://www.exceldryer.com/calculator.php>.

Pollution Prevention Opportunity	Estimated Savings (or Reductions)	Estimated Capital Investment	Payback Period	Return on Investment
Install low flow or high efficiency push button toilets	98,550 gallons or \$113,333/year per toilet (assuming 50 flushes per day)	\$500/toilet	<1 month	22,667%
Motion sensor, low flow faucets on sinks	50% less water usage	\$200/faucet	Typically <6 months	NA

Potential Environmental Impact Reduction: Reduced water and sewer usage as well as waste sent to the landfill.

Opportunity # 8: Oil use – The facility uses approximately 143,000 pounds of petroleum-based oils annually. The facility could switch to soy-based oils and coolants that are compatible with the CNCs and ultra-filtration system membranes in the facility's water treatment system. According to the facility policy, the oils must be non-chlorinated and contain zero hazardous ingredients.

For example, Soy Technologies, LLC has a soy-based lubricant called SG1000E that contains no hazardous ingredients and claims to be helpful in the parts washing process without the need to be separated out. However, Soy Technologies, LLC does not have any specific test data regarding the UF filtration technology. You can reach Paul Coty, Director of Sales, Soy Technologies, LLC, at (831) 459-7132 or visit www.soytek.com for more information. Additionally, the United Soybean Board maintains a list of available soy-based products, including lubricants, for purchase at <http://www.soynewuses.com/Default.aspx>. We are not recommending this company over another; please investigate your options for a similar material to substitute for your current oil.

Potential Environmental Impact Reduction: Reduce use of natural resources.

Recognition Opportunities:

Opportunity #1: Indiana Partners for Pollution Prevention – The Indiana Partners for Pollution Prevention is a group of organizations including manufacturers, not for profits, institutions, and government agencies invested in promoting pollution prevention efforts in Indiana. Eligibility is

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 <u>13</u>	Future Year 20 <u>14</u>	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 checked="" type="checkbox"/> Land and Habitat	<input checked="" type="checkbox"/> Land and habitat conservation		Plant 200 trees	Square feet, acres
	<input type="checkbox"/> Community land revitalization			Square feet, acres
<input type="checkbox"/> Air Emissions	<input type="checkbox"/> Total GHGs			MTCO2E
	<input type="checkbox"/> VOCs			Pounds, tons
	<input type="checkbox"/> NOx, SOx, 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"/> Non-hazardous Waste <input type="checkbox"/> Hazardous Waste	<input type="checkbox"/> Pathogens			MPN/ml, CFU/ml
	<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"/> Noise	<input type="checkbox"/> Other: _____			Pounds, tons, gallons
	<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)? We will get volunteers(employees) to help plant the trees on our property

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. New category for plt.

CERTIFICATION AND PLEDGE

On behalf of (name of facility) Acument Global Technologies, Camcar LLC, Rochester Operations

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, Acument Global Technologies, Camcar LLC, 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
Plant Manager

Date (month, day, year)
03/20/14

Printed signature

Tim Moore