



INDIANA ENVIRONMENTAL STEWARDSHIP PROGRAM ANNUAL PERFORMANCE REPORT

State Form 53475 (R / 11-09)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
ENVIRONMENTAL STEWARDSHIP PROGRAM

Indiana Department of Environmental Management
Office of Pollution Prevention and Technical Assistance
100 North Senate Avenue
MC 64-00, Room IGCS W041
Indianapolis, IN 46204-2251
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www.IN.gov/idem/4132.htm

INSTRUCTIONS: Please use this annual report form if you are a member of the Indiana Environmental Stewardship Program (ESP). Your annual performance report should be reviewed and signed by a senior manager at your facility prior to submittal. Once signed, FAX, mail, or e-mail the report to IDEM. If you have any questions, please contact the ESP program manager at 1-800-988-7901.

The Indiana ESP annual performance report should demonstrate progress toward objectives and targets AND certify ESP requirements continue to be achieved. Your annual performance report should cover the previous twelve (12) month calendar year and include the status of projects committed to in your facility's original ESP application, results of completed projects, and assurance that an annual internal environmental management system audit was conducted by your facility. Indiana ESP facilities must submit this annual performance report 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.

Please do not include any confidential business information in your annual performance report. Public access laws require IDEM to make the Annual Performance Report publicly available, which may include posting all portions of your report on the Indiana ESP Web site.

SECTION A		FACILITY INFORMATION	
Name of facility	Manchester Tank & Equipment Company		
Name of parent company (If applicable)	McWane, Inc.		
Street address (number and street)	3630 Manchester Drive		
City / State / ZIP code	Elkhart, IN 46514		
Facility/Company Web site	www.mantank.com		
		CONTACT INFORMATION	
Contact name (Mr. / Mrs. / Ms. / Dr.)	Mr. Stephen Jacobson (Steve)		
Title	Environmental Manager		
Telephone number	574-970-8240		
FAX number	574-293-6148		
E-mail address	steve.jacobson@mantank.com		
Mailing address (if different from facility address)			
City / State / ZIP Code			
		REPORTING PERIOD	
Reporting period dates (month, day, year)	January 1 st , 2009 through December 31 st , 2009		
1a. Is this the third Annual Performance Report of your membership term?	<input type="checkbox"/> Yes—If yes, answer question 1b. <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes—If yes, please complete all sections of this annual report. <input type="checkbox"/> No—If no, please complete all sections of this annual report except for Section D.		
		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?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please describe them:			

SECTION B

ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT

Why do we need this information?

IDEM needs information on the performance and assessment of your Environmental Management System (EMS).

What do you need to do?

Please summarize your facility's EMS assessments. Attach additional documents if more space is needed.

1. Is your facility currently registered to a recognized third-party EMS standard?

Yes—If yes, when was an EMS audit or other assessment last conducted by an independent third party at your facility?
 Type (e.g., ISO 14001 certification) _____
 Scope of the audit _____
 Month / year _____

No—If no, when was an internal or corporate EMS audit last conducted at your facility?
 Scope of the audit Waste Management, Environmental Training, Management of Change, Reporting of Significant Matters, Aspects & Impacts, Goals & Objectives, Management Review, Corrective and Preventive Actions, Document Control, Internal EMS Audits
 Month / year April, 2009

2. 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 audit Air, Waste, Water, Spill (SPCC, SWPPP), DOT, EPCRA
 Month(s) / Year(s) March / April, 2009
 Who conducted the audit(s) (e.g., facility staff, corporate, third party) Environmental staff from sister facilities and corporate parent.

3. (Optional) Please describe any other audits that were conducted at your facility.

4. 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).
Improvements made in 2009 related to: training on the EHS Policy, implementation of a tracking process for Preventive Maintenance Plan work orders, maintenance procedures related to parts washer operation.

No—If no, please explain your plans to correct these instances. _____
 No such instances identified.

5. 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? None

6. When was the last Senior Management review of your EMS completed?
 Month / Year October, 2009
 Who headed the review? Name and title Jill Drajer, General Manager

7. When did your facility last conduct a systematic identification or review of your environmental aspects?
 Month/Year November, 2009

8. (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 C. 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 C

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 Annual Performance Report.

Category <u>Water Use</u>	Baseline Quantity	Future Goal Quantity	Current Quantity	Cost Savings
Indicator <u>Total Water Used</u>				
Calendar year	2008	2009	2009	Decreased flow through the parts washers resulted in reduced chemical needs and a \$39,167 reduction in money spent on chemicals in 2009 (vs. 2008). The cost of chemicals per cylinder was reduced by \$0.025 in 2009 (vs. 2008).
Actual quantity (per year)	3,149,291	1,667,237	2,145,998	
Normalized quantity (per year)	3,149,291	1,787,222	3,776,956	
Basis for your normalizing factor (e.g., gallons of paint produced)	Number of cylinders manufactured			
Measurement unit (e.g., pounds)	Gallons			

Briefly describe how you achieved improvements for this environmental initiative or, if relevant, any circumstances that delayed progress.
 For our 2009 initiative, we were working to reduce our total water usage by 5% when normalized with production volume. While we were able to reduce the total amount of water used by over 1 million gallons, the normalized number represented a 20% increase vs. 2008. Some of the challenges we experienced

with this initiative were: erratic schedules during the 2nd and 3rd quarters while we worked to match our production levels to the demand for our products, inefficient use of parts washers during periods of low production volume (washers must be heated prior to use so they operate for 8-plus hours regardless of whether they were washing cylinders for the entire day). We also discovered a minimum amount of water flow necessary to operate our parts washers. For instance, a certain minimum flow of water must be maintained through our systems and reductions below that level create issues with paint quality and washer contamination. While we did not succeed in reaching our goal on this initiative in 2009, there were some additional benefits related to the gross reduction in water consumption related to the amount of chemicals used in 2009 (acids, bases, oils). We used 18,000 pounds fewer chemicals in our parts washers and spent almost \$40,000 less on these materials. The reduction in chemical usage (related to water flow reductions) was 3% when normalized to our production volume.

Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL).
N/A

(Optional) If your facility has experienced continued results for environmental improvement initiatives pursued in past years of ESP membership, please share those results here.
N/A

SECTION D

ENVIRONMENTAL IMPROVEMENT INITIATIVES

Why do we need this information?

Facilities need to show they are committed to improving their environmental performance.

What do you need to do?

Identify your facility's next environmental improvement initiative. Refer to the Environmental Performance Table and answer the following questions.

1a. What category have you selected from the Environmental Performance Table? Material Procurement

1b. What indicator have you selected from the Environmental Performance Table? Recycled Content

1c. All measurements should represent the performance level for the indicator across the entire facility. For many indicators, you may choose to focus your initiative on a specific subset of the indicator (e.g., a specific material, process, VOC, group of toxic air emissions, or particular waste component). Does your initiative include everything covered by the indicator (e.g., all VOCs, all non-hazardous waste), or a specific process, substance, or component (e.g., ethane, cardboard)?

All

Specific

If your initiative is specific to a substance or component, please provide additional detail on your indicator (e.g., specific chemical to be reduced, specific waste component). Powder Paint (polyester - triglycidyl isocyanurate (TGIC))

1d. 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)? New paint formulation from current waste material

2. Does this initiative address a significant aspect in your EMS?

Yes

No—please explain why you believe this indicator should be included as an environmental improvement initiative: _____

3. Are you subject to Federal, State, tribal, or local regulatory requirements for this indicator?

Yes—please explain how your initiative exceeds regulatory requirements: _____

No

Stop! If the category listed in Question 1a is Energy Use, Waste, or Air Emissions for Total Greenhouse Gases, please skip Questions 4a – 4b below and turn to Appendix 1 to complete the questions pertaining to the category you listed in Question 1a. After completing the respective table in Appendix 1, return to this section and complete questions 5 and 6. Otherwise, continue answering questions 4-6 below.

4a. What units are you using to quantify this indicator? Pounds of recycled powder purchased

4b. List the baseline annual quantity of the indicator and the annual quantity you are committing to achieve by the future year.

0 pounds of recycled powder purchased Baseline quantity Year 2009

3,082 pounds of recycled powder purchased Future year quantity (not including production) Year 2010

5. Does the quantity presented in the future quantity column represent an absolute goal or a normalized goal?

Normalized goal (i.e., indexed to level of business in baseline year)

Absolute goal (i.e., demonstrates improvement even if production increases)

6. Whether your goal is absolute or normalized, you need to provide normalizing factors and normalized quantities in your annual performance reports.

Please briefly describe your basis for normalizing. Examples of potential normalizing basis include: gallons of paint produced, square feet of circuit boards sold, number of patients seen, dollars of sales adjusted for inflation, or number of employees (for R&D and administrative sites only).

2010 recycled powder purchases vs. 2010 new powder (2.5%)

Waste paint will be sent to vendor for reformulation as a usable product

(Since 2007, this facility has shipped its waste powder coatings to a recycler who blended it into a usable product for someone else. In December, that outlet for our waste paint would no longer accept our scrap powder. After some discussions in late December and early January, we decided to proceed with this vendor on a recycled powder coating that will be matched to our most popular gray paint color. (The waste product is a mix of green, blue, orange, red, white, gray, etc.) We had already moved this particular waste stream from landfill disposal to recycling in 2007 and we hope to move up the disposal hierarchy towards reuse in 2010. The use of reformulated waste powder paint will be tested and implemented at the Elkhart facility initially, but the product has just as much potential at our Quincy, Illinois facility.

SECTION E**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.

Member of the Elkhart County Stormwater Partnership - Stakeholder's Group, participated in the Elkhart Chamber's Career Day Speaker events, participated with Junior Achievement of Michiana, co-hosted a booth with IDEM - OPPTA at the WNIT Green Expo in South Bend, co-hosted a booth with IDEM - OPPTA on behalf of the Indiana Partners for Pollution Prevention at the Elkhart Chamber's Environmental Conference, co-chair of Elkhart Chamber Environmental Council, member of the Indiana Partners for Pollution Prevention Executive Committee (presented water reduction efforts at 2009 Conference)

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.mantank.com, http://www.mcwaneinfo.com) Open house Meetings Press releases Community advisory panel

Other Company newsletter to customers

SECTION F**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.

- In addition to ESP, please list environmental awards received or voluntary programs participated in during the past twelve months.
McWane, Inc. - Outstanding Environmental Performance - Fabrication (award)
- Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.
We have taken advantage of the advanced notice for regulatory inspections and the Member Meeting with Commissioner Easterly
- 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 are not pursuing ISO 14001 registration at this time.

CERTIFICATION AND PLEDGE

On behalf of (name of facility) Manchester Tank & Equipment Company

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, Manchester Tank & Equipment, 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 Environmental Manager	Date (month, day, year) 04/05/2010
Printed signature Stephen D. Jacobson		

Please mail, fax, or e-mail your completed Environmental Stewardship Program Annual Performance Report to:

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 ESP Program Manager
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