



**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
Manchester Tank and Equipment

Name of parent company (if applicable)
McWane Inc.

Street address (number and street)
905 X Street

City / State / ZIP code
Bedford/IN/47421

Web site of Facility/Company
www.mantank.com

CONTACT INFORMATION

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

Title
Environmental Manager

Telephone number
812-278-5102

FAX number
812-279-6582

E-mail address
tsmith@mantank.com

Mailing address (if different from facility address)
Same as Facility Address

City / State / ZIP Code
Bedford/IN/47421

REPORTING PERIOD

Reporting period dates (month, day, year)
1/1/2010 - 12/31/2010

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. Participation in IDEM's Partner's for Pollution Prevention

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 IDEM press releases

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? 5/5/2010

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:

4. Name, title, and organization of ISO 14001:2004 EMS Lead Auditor that conducted the most recent EMS assessment: See attached

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: 11/2010

Who headed the review (name and title)? Tiffany Smith, Environmental 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: Environmental Media: air, waste, water, DOT, SPCC, EPCRA
 Month(s) / Year(s): 8/2010
 Who conducted the audit(s) (e.g., facility staff, corporate, third party)? Corporate Staff/ Sister Facility Environmental Manager

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?
See attached.

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).
See attached.
 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.
The facility is a member of IDEM's Partner's for Pollution Prevention.

2. Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.
None

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?
The facility does not plan to become certified at this time.

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>Waste-NonHazardous</u> Indicator: <u>Management Method</u> | Baseline Quantity | Future Goal Quantity | Current Quantity | Cost Savings |
|---|---------------------------|----------------------|------------------|--------------|
| Calendar year | 2009 | 2010 | 2010 | |
| Actual quantity (per year) | 70,135 | 59,615 | 78,738 | |
| Normalized quantity (per year) | 0.0058 | NA | 0.0058 | |
| Basis for your normalizing factor (e.g., gallons of paint produced) | Dollars in Sales Produced | | | |
| Measurement unit (e.g., pounds) | Pounds | | | |
| Briefly describe how you achieved improvements for this environmental initiative or, if relevant, any circumstances that delayed progress. <u>Please see attached explanation.</u> | | | | |
| Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL). <u>None</u> | | | | |
| (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__10 | Future Year 20__11 | 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 checked="" type="checkbox"/> Material Use | <input checked="" type="checkbox"/> Materials used | 465 pounds | 230 pounds | Pounds, tons |
| | <input checked="" type="checkbox"/> Hazardous materials used | 400 pounds | 200 pounds | 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 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"/> 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"/> 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)? Technology change - See attached explanation

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:

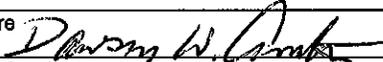
CERTIFICATION AND PLEDGE

On behalf of (name of facility) Manchester Tank and Equipment, Bedford

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 and 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 General Manager | Date (month, day, year) 4-1-11 |
| Printed signature Dawson Armitage | | |

Environmental Stewardship Program
Annual Report 1/1/2010- 12/31/2010
Manchester Tank & Equipment, Bedford

Form Questions with Limited Room

Section c

4. Lead Auditor: Terry Gray, Owner, Gray Environmental Management

9. During the past year, the facility has experienced minor incidents (e.g. spills) but has not had any that would be considered an emergency. The facility has various emergency procedures and a contingency plan in place to address any future issues. These procedures and plans are reviewed annually to ensure all adequate measures are in place.

10. The facility has corrected all instances of potential non-compliance and non-conformance, and is now working to implement the suggested Best Management Practices and Opportunities for Improvement to further excel beyond regulatory requirements. The corrective actions are a mix of administrative changes and changes applied in the shop.

Environmental Improvement Initiative Results: Welding Flux Recycling Program

The improvement initiative on the facility's application was to reduce the total amount of used welding flux sent to the landfill by 15%. This was to be accomplished by implementing a recycling program that involved collecting the flux, sending it to a recycler, having it sent back to the facility, and reused. The total amount of welding flux generated in 2010 was 78,738 pounds. The total amount sent to the recycler was 6,325 pounds, which was a reduction of a little over 7% of total flux sent to the landfill. Because the facility must meet certain quality issues, the used flux cannot be used on certain tanks. There have been trial runs of the material that have not caused quality concerns; however, going through the trial phase has caused a set-back to reaching the goal on the application. But, as long as no quality issues arise, the facility plans to be vigorous on continuing to collect and recycle the material in order to reach the 15% goal or higher.

New Environmental Improvement Initiative: X-Ray Developer

As noted on the application, the facility manufactures ASME code tanks. To comply with the ASME code, certain tanks are required to be x-rayed for quality determinations. As a result, one process conducted at the facility is using an industrial x-ray developer. The use of the developer results in various environmental impacts: water use and discharge, hazardous materials (chemicals) use, material use of the silver film, and waste generation from the waste film and the filters used to filter the silver from the water. The new environmental initiative for 2011 is to take advantage of a technology that will allow for digital developing of x-ray shots. The items listed on Annual Report account for the more significant impacts- hazardous materials used and film used but, using this machine over the current manual developer will eliminate all of the environmental impacts above. Acquisition of this machine is currently in progress, and is planned to be installed. Because it will be installed mid-year, the future goal reflects half of the baseline year. But once the machine is operational, it will eliminate these impacts