EPA revision

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National Environmental Performance Track
U.S. Environmental Protection Agency

Annual Performance Report Form

Facility Name: BASF CORPORATION - BELVIDERE

Performance Track ID #: A020037

Annual Performance Report #: 1

Reporting Year: 2001

Due Date: July 1, 2002

Section A

General Facility Information

To the extent possible, EPA will pre-complete items A.1-A.8 for you. Please ensure that the information in A.1-A.8 below is accurate, complete, and up to date. Please supply or revise any information as necessary and then check the box to the left of the item(s) to indicate where changes have been made. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

Did you make changes? If so, check box.

A.1 ☐ Name of your facility: BASF Corporation - Belvidere

A.2 ☐ Name of your parent company: BASF Corporation

A.3 ☐ Facility contact person for the Performance Track program

Name: Mr./Mrs./Ms./Dr. Jeffrey Lieb

Title: Environmental Specialist

Phone: 908- 475-6822 Fax: 908-475 - 6823 E-mail: liebj@basf.com

A.4 ☐ Facility's location

Street Address: 1 James Street

Street Address (cont.):

City/State/Zip Code: Belvidere/NJ/07823

A.5 ☐ Facility's website address (if any):

A.6 ☐ Number of employees (full-time equivalents) who currently work in the facility:

☐ Fewer than 50 ☐ 50 - 99 ☒ 100 - 499 ☐ 500 - 1000 ☐ More than 1000

A.7 ☐ Does your company meet the Small Business Administration definition of a small business for your sector? ☐ Yes ☒ No

A.8 ☐ North American Industrial Classification System (NAICS) Code(s) that are used to classify business at the facility: 32551

A.9 ☐ In your application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any (additional) changes to your facility's list of products and/or activities? If so, please list them in the space below. ☒ Yes ☐ No

Manufacturing of Industrial Coil Coatings

A.10 ☐ Please update the list of environmental requirements that apply to your facility. In the space below, indicate any changes that have taken place during this reporting period. If you have no changes to report, please write "No changes."

No Changes

Section B

Environmental Management System

B.1

Environmental Management System Assessment. Please summarize EMS assessments conducted *during the year*. Attach additional sheets as necessary.

a. Was an EMS audit or other assessment done by an independent third party?
☒ Yes ☐ No

If yes, please provide the *type* (e.g., ISO 14001 certification), the *scope*, and the *dates* (mo/yr) of each assessment.

ISO 14001 Surveillance Audit

Scope- 4.2 Environmental Policy, 4.3.1 Environmental Aspects, 4.3.3 Objectives and Targets, 4.3.4 Environmental Management Programs, 4.4.4 EMS Documentation, 4.5.4 Internal Audits.

Audit was conducted on 9/01.

b. Was an internal or corporate EMS audit conducted? ☒ Yes ☐ No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit.

6/01, all ISO 14001 elements

8/01 , all ISO14001 elements

c. Was a compliance audit conducted? ☒ Yes ☐ No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit, and indicate *who* conducted the audit(s) (e.g., facility staff, corporate groups, third party).

Corporate EHS audit of all major EPA/State environmental protocols. Conducted by BASF EHS Audit Team. Audit was conducted in 2/01.

d. (Optional) If you would like to describe any other audits or inspections that were conducted at your facility, please do so here.

Section B

(continued)

B.1

e. Briefly summarize corrective actions taken and other improvements made as a result of your EMS assessments and compliance audits.

1) Took measures to assure that Environmental Policy is readily available to the public.
2) Developed a procedure to more effectively update EMS Objectives and Targets.
3) Retrained contractors on the requirements of our EMS and Environmental Policy.
4) Updated ISO14001 Controlled Records index to include facilities integrated contingency plan.
5) Restructured an Environmental Work Instruction to clearly define documentation around OEM spray booth filter changes.

f. Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?

☒ Yes ☐ No ☐ No such instances identified

If no, please explain your plans to correct these instances.

g. When was the last Senior Management review of your EMS completed? *mo/yr* 5/02

Who headed the review?

Name: Mr./Mrs./Ms./Dr. Kim Christian

Title: Quality Process Coordinator

Section B

(continued)

B.2 **ISO 14001 Certification.** Is your facility currently certified to ISO 14001? ☒ Yes ☐ No

B.3 **Environmental Aspects Identification.** When did your facility last conduct a systematic identification and/or review of your environmental aspects? *mo/yr* 4/01

B.4 **Progress Toward Achieving Objectives and Targets.** In the table below, please provide a narrative summary of progress made toward EMS objectives and targets. **You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the *reporting year*.** In cases where progress relates specifically to a Performance Track performance commitment, complete the *Environmental Aspect* column, but in the *Progress* column simply refer to the performance commitment tables in Section C, i.e. "See Section C." Attach additional sheets as necessary.

Environmental Aspect	*Progress Made This Year* *(e.g., quantitative or qualitative improvements, activities conducted)*
Emissions	Installed motion detectors in front office areas (where feasible) as a means of conserving electricity.
Waste Generation	Expanded recycling streams as a means to decrease tonnage of plant trash sent to landfill. Target for 2001 was set at 146.3 tons and was exceeded with a total of 163.1 tons recycled. New streams included PET plastic, concrete, and asphalt.
Waste Generation	Decreased finished goods inventory with the goal of ultimately decreasing obsolete product disposal. Target was set at a 10% reduction with an actual result of 2.1 % achieved through 2001.
Emissions	Site set an objective for 2001 of maintaining minor (<25 tons) VOC status. This was met with a total of 10.79 tons emitted
Waste Generation	Eliminate milling equipment that is difficult to clean and consumes large quantities of raw material.See Section C for further info.

Section C

Environmental Performance Commitments

Please use the tables on pages 6-9 to summarize your facility's environmental performance against your Performance Track performance commitments. Complete only those boxes related to the baseline, current year, and performance commitment. If any of the boxes have been pre-completed for you, please verify the information. If you find information that is incorrect, cross it out and write in the correct information. **Leave blank any columns for future reporting years.**

C.1

Performance Commitment 1

a. Use this table to report data related to your first performance commitment.

Category (see page 16 of the instructions): Waste					
Aspect (see page 16 of the instructions): Total Solid Waste					
	Baseline *(as stated in your application)*	*Year 1*	*Year 2*	*Year 3*	*Performance Commitment* *(the goal stated in your application)*
Calendar Year	2000	2001			2003
Actual Quantity (per year)	177.51	151.52			(optional)
Measurement Units	Tons of trash to landfill				
*Normalizing Factor**	1.0	0.9283			(optional)
*Basis for your Normalizing Factor**	Total pounds of Finished Goods produced.				
*Normalized Quantity** *(per year)*	177.51	163.22			156.47
*See pages 17-19 of the instructions for more information					

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

Reduction in plant trash achieved through an increase in recycling tonnage. BASF currently recycles white paper, aluminum, steel, cardboard, PET plastic, paper commingle, shrink wrap, and construction and demolition debris. See Section B.4 (Waste Generation) for further information.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section C

(continued)

C.2 Performance Commitment 2

a. Use this table to report data related to your second performance commitment.

Category (see page 16 of the instructions): Materials Use					
Aspect (see page 16 of the instructions): Hazardous materials Use					
	Baseline *(as stated in your application)*	*Year 1*	*Year 2*	*Year 3*	*Performance Commitment* *(the goal stated in your application)*
Calendar Year	2000	2001			2003
Actual Quantity (per year)	1000 gals	150 gals			750 gals (optional)
Measurement Units	Gallons of cleaning material / batch				
*Normalizing Factor**	1.0	NA			NA (optional)
*Basis for your Normalizing Factor**	NA				
*Normalized Quantity** *(per year)*	NA	NA			
*See pages 17-19 of the instructions for more information					

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

Replaced two circulating shot mills (CSM's) with dispersions equipment that takes less material to clean in between batches Quantity to clean in between batches went from 1000 gallons/batch to approximately 150 gals/batch. This amounted to approximately 18, 700 gallons of cleaning material saved through 22 batches.These cleaning materials are comprised of resins and organic solvents containing a variety of VOCs.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section C

(continued)

C.3 Performance Commitment 3

a. Use this table to report data related to your third performance commitment.

Category (see page 16 of the instructions): Air Emissions					
Aspect (see page 16 of the instructions): Emissions of VOCs					
	Baseline *(as stated in your application)*	*Year 1*	*Year 2*	*Year 3*	*Performance Commitment* *(the goal stated in your application)*
Calendar Year	2000	2001			2003
Actual Quantity (per year)	9.55	10.79			(optional)
Measurement Units	Tons				
*Normalizing Factor**	1.0	0.9283			(optional)
*Basis for your Normalizing Factor**	Total pounds of Finished goods produced.				
*Normalized Quantity** *(per year)*	9.55	11.62			9.08
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.
Increase in emissions was primarily due to burning of #2 fuel oil in facility boilers instead of natural gas. This was done for economic reasons due to the high cost of natural gas in 2001.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section C

(continued)

C.4 Performance Commitment 4

a. Use this table to report data related to your fourth performance commitment.

Category (see page 16 of the instructions): Accidental Releases					
Aspect (see page 16 of the instructions): Release History					
	Baseline (as stated in your application)	*Year 1*	*Year 2*	*Year 3*	*Performance Commitment (the goal stated in your application)*
Calendar Year	2000	2001			2003
Actual Quantity (per year)	1	1			0 (optional)
Measurement Units	RQ Releases per year				
*Normalizing Factor**	1.0	NA			(optional)
*Basis for your Normalizing Factor**	NA				
Normalized Quantity (per year)*	NA	NA			0
*See pages 15-17 of the instructions for more information					

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

Facility had already experienced a RQ release of xylene in 2001 on 2/14/01.This was a release marginally above the RQ for xylene, was contained in the building, and did not reach the lands and waters of the State. This was experienced prior to our acceptance into Performance Track in July, 2001.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section D

Public Outreach and Performance Reporting

D.1 Please briefly summarize the public outreach and reporting activities that your facility has conducted during the year. Feel free, but not obligated, to attach supporting materials (e.g., meeting agendas, public announcements).

We participate in a variety of public outreach activities including: The United Way, Participation in the Volunteer Center of the Lehigh Valley's Day of Caring, Easter Seals, Technical Assistance to the Belvidere High School, Member of the Belvidere Area Business Association.

We are considering the possibilty of a mass mailing, Open House, or an open invitation to our EMS Management Review sessions as a means of sharing our 2001 Performance Track Commitments with our community. Plans have not yet been finalized.

D.2 Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Performance Report available to the public. Please check as many as are appropriate.

- ☐ Website (URL)
- ☒ Open House
- ☒ Meetings
- ☒ Press Releases
- ☐ Community Advisory Panel
- ☐ Other As indicated in Section D.1, plans have not yet been finalized.

Section E

Self-Certification of Continued Program Participation

On behalf of BASF Corporation - Belvidere,
(name of my facility)
I certify that

- I have read and agree to the terms and conditions specified in *the National Environmental Performance Track Program Guide*. This facility, to the best of my knowledge, continues to meet all program criteria;
- I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;
- My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements; and the facility has corrected all identified instances of potential or actual noncompliance; and
- Based on the foregoing compliance assessments and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

Signature/Date _____

Printed Name Mr./Mrs./Ms./Dr.Scott R. Elliott

Title Site Manager

Phone Number/E-mail Address 908-475-6808/ elliots@basf-corp.com

Facility Name BASF Corporation - Belvidere

Facility Street Address 1 James Street, Belvidere, NJ 07823

Performance Track Identification Number A020037

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 188 hours per respondent annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.