



Annual Performance Report

OMB No. 2010-0032
Expiration Date: 06/30/03

Facility Name: Baker Petrolite-Rayne Blend Plant
Performance Track ID #: A060016
Annual Performance Report #: 1
Reporting Year: 2001
Due Date: 07/01/2002

Section A. General Facility Information

Please supply or revise information in A.1 – A.8 as is necessary to ensure that it is accurate, complete, and up-to-date. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

A.1 Name of your facility: Baker Petrolite-Rayne Blend Plant

A.2 Name of your parent company: Baker Hughes Inc

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

Name: Ms. Jackie Ancelet

Title: Quality Control Supervisor

Phone: (800) 321-5977

Fax: (337) 334-2668

E-mail: Jacqueline.ancelet@bakerpetrolite.com

A.4 Facility's location

Street Address: 135 Industrial Drive

Address (cont.):

City: Rayne

State: LA

Zip Code: 70578

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

www.BakerPetrolite.com

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

Fewer than 50

A.7 Does your company meet the Small Business Administration definition of a small business for your sector?

No

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

42269

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 here:

No

A.10 Please update the list of environmental requirements that apply to your facility by listing any changes that have taken place during this reporting period. If you have no changes to report, please enter "No changes".

" NO CHANGES"

**Section B.
Environmental Management System**

B.1 Environmental Management System Assessment. Please summarize EMS assessments conducted during the year.

a. Was an EMS audit or other assessment done by an independent third party?

Yes

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

| Type | Scope | Dates (mo/yr) |
|-------------------------|---|---------------|
| ISO 14001, 1996 Edition | The EMS associated with blending, packaging, storage & distribution of specialty chemicals for the oilfield & industrial markets. Specific elements: 4.1,4.2,4.3.1,4.3.3,4.3.4,4.4.4,4.4.5,4.4.6,4.5.2,4.5.4,4.6, | 7/01 |

b. Was an internal or corporate EMS audit conducted? Yes

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

| Scope | Date (mo/yr) |
|--|--------------|
| Full System Audit to ISO 14001, 1996 edition | 4/01 |
| HSE Compliance Audit & Full EMS system audit | 10/01 |

c. Was a compliance audit conducted?

Yes

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).

| Scope | Dates | Who conducted the audit |
|---|---------|--|
| HSE full system Compliance Audit & Full system EMS audit- | 10/2/01 | Baker Petrolite HSE/Quality & Regulatory Affairs Dept. |

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

1/17/01 - Transportation (DOT) Compliance Audit; Auditor: Baker Petrolite Corp Transportation Spec.; Scope: Personnel Hiring Process, Driver Hours of Service, Drug & Alcohol Program, Personnel Training Process, Transportation Equip, Packaging, Permits & Exemptions, Labeling/Placardig Process, Filling Containers, Loading/Unloading Process (Part 177), Record Keeping (Part 390.31), Shipping Samples, Carrier Evaluation Process (Part 173.33), Acrolein Transp., Responsible Care.

7/25/01 -DOT Driver Audit; Auditor: Baker Petrolite Corp; Scope: Driver paperwork, vehicle paperwork, Vehicle Inspection Items, Maintenance Program, Driver hours of Service (395.8-log books, time sheets, bills of lading), Drug & Alcohol (Parts 199 & 382)), Delivery trucks -materials handling, inspections, trailers, portable tanks, packaging, placarding, driver performance; Driver training (Part 391.95), Responsible Care.

9/22/01 Auditor: LADEQ; Scope: RCRA Program - no violations.

9/21/01 Auditor: LADEQ; Scope: Stormwater Program -no violations.

9/26/01 Auditor: HSE Site Coordinator; Scope: RCRA Waste Mgt & Emission Control Plan Comprehensive Annual Inspection & Audit.

9/7/01 Auditor: HSE Site Coordinator; Scope: PSM full system audit

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

April 2001 HSE Mgt System audit required re-evaluation of the system Register of Aspects and Impacts. A review was conducted and a new aspect was added- "Total Waste generated, reported, and disposed off site. No other corrective actions were required.

Improvements were made as a result of management review meetings and audit suggestions. Concrete curbing was added to the slabs on the north, northwest, and south perimeters, along the edge of the stormwater ditches. This added precaution would help to limit the remediation required should a release occur. The curbing will help to contain any spills within the concreted areas. The stormwater ditch which is already controlled with gates will provide a third level of containment.

A category 2 Nonconformance note found access to the most current copy of the Environmental Field manual was difficult to attain and compare to hard copies on file. Access to the Environmental Field Manual through the corporate webs site was improved to enhance access to the most current versions of the manual.

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

Yes

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

g. When was the last Senior Management review of your EMS completed?

11/01

Who headed the review? Name: Mr. Randy Harris Title: Plant Manager

B.2 ISO 14001 Certification. Is your facility currently certified to ISO 14001?

Yes

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

11/01

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."

| Environmental Aspect | Progress Made This Year (e.g., quantitative or qualitative improvements, activities conducted) |
|--------------------------------------|--|
| Waste Generation & Transfer of Waste | See Also Section "C" |
| Waste Generation & Transfer of Waste | Our facility follows the 3 R Guidelines: Reduce, Reuse and Recycle. Baker Petrolite management is committed to waste minimization for environmental protection, as well as the cost savings it may provide. Two additional direct lines from bulk storage to the blending vats were installed. Direct lines minimize the risk of accidental movement in addition to reducing loss through transfers. Reduce: Good operating practices are used as means of source reduction. Installation of additional blenders dedicated to specific products eliminates the need to rinse between product changes. Stock assessment procedures are in place to identify products which may have exceeded |

their shelf life. Per Standard Operating Procedures, expired products will be submitted for QC, and will be reused if the results indicate that the product is still "good". Monthly reports are generated to identify slow moving or obsolete products. Yearly inventory counts and semi-annual stock assessments also identify products that are no longer needed in this area. Whenever possible, other blend facilities and warehouses are contacted to determine if the products can be used at other locations within BPC.

Recycle: Both poly and steel drums are returned to the supplier for reconditioning, or recycling as scrap metal or plastic. One way totes are sent off for recycling of the aluminum frames. Aluminum cans from the soda machines at the Rayne facility are recycled. Facility personnel are encouraged to recycle, and bins labeled for Recycling are available in the Break Rooms and Laboratory for ease of use. Off-site recycling of wastewater to recover oily fractions was implemented in the year 2000 and continued in 2001, which resulted in an 85% reduction in disposal of that particular waste stream.

Reuse: Products returned from the field are analyzed by appropriate Quality Control Test Methods to determine their suitability for reuse. Products that pass quality control specifications are reused. Off-spec products are extensively tested, and adjusted into specification whenever feasible, to avoid waste production and conserve resources. Preliminary Q/C approval of returns from the field has been implemented and any product not meeting specification is not accepted for return.

**Section C.
Environmental Performance Commitments**

Please use the tables below 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.

C.1 Performance Commitment 1

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

| | | | | | |
|--|---|---------------|---------------|---------------|---|
| Category: | Waste | | | | |
| Aspect : | Total Solid Waste | | | | |
| | Aspect Specifics (Optional): | | | | |
| | Baseline (as stated in your application) | Year 1 | Year 2 | Year 3 | Performance Commitment (the goal stated in your application) |
| Calendar Year | 1999 | 2001 | 2002 | 2003 | 2003 |
| Actual Quantity (per year) | 158 | 16.1 | | | Optional: |
| Measurement Units | tons | | | | |
| Normalizing Factor | 1.0 | 1.39 | | | Optional: |
| Basis for your Normalizing Factor | Changes in production activity | | | | |
| Normalized Quantity* (per year) | 158 | 11.6 | | | 134.4 |
| *Calculated for you | | | | | |

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

Improvement of this aspect has been achieved through strict adherence to our waste minimization plan which includes techniques to reduce the amount of rinse used to clean containers and seeking alternate sources of waste utilization. These techniques include dedication of blending vats to specific blends; scheduling similar blends or dilutions of the same blend back to back in the same blender which eliminates rinsing between blends; collecting the rinse fluids for reuse as solvent charge in the next blend of the same product, using measured amounts of rinse (<10 gallons if feasible) to control the amount of rinsate produced. As an alternate source of waste utilization, we utilize companies which provide waste management services which offer reclamation, reuse and recycling capabilities rather than disposal through injection, incineration, or landfill. Our non-hazardous wastewater is sent to a company which provides reclamation of the organic portion and the recycling/reuse of the residual, treated or clarified water through a POTW for eventual return to the environment as a natural resource. Our commitment has changed from original application. The original commitment was submitted as an absolute value & should have been in terms of units of production. In addition, the units of production (per 100,000 lbs) should have been submitted as per 1,000,000 lbs of production. We have been told the EPA preferred commitment measurement is based on a normalizing factor. Thus we have changed our commitment to agree with the current reporting process.

If you have additional information that you would like to include please attach it here:

Any attachments will be located at the end of the report.

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

C.2 Performance Commitment 2

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

| | | | | | |
|--|---|---------------|---------------|---------------|---|
| Category : | Waste | | | | |
| Aspect : | Hazardous Solid Waste | | | | |
| | Aspect Specifics (Optional): | | | | |
| | Baseline (as stated in your application) | Year 1 | Year 2 | Year 3 | Performance Commitment (the goal stated in your application) |
| Calendar Year | 1999 | 2001 | 2002 | 2003 | 2003 |
| Actual Quantity (per year) | 106.7 | 128.6 | | | Optional: |
| Measurement Units | tons | | | | |
| Normalizing Factor | 1.0 | 1.39 | | | Optional: |
| Basis for your Normalizing Factor | Changes in production activity | | | | |
| Normalized Quantity* (per year) | 106.7 | 92.5 | | | 90.7 |
| *Calculated for you | | | | | |

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

Instituting new means of cleaning containers to reduce the amount of waste created, reuse of rinsate from rinsing of blending vats. A new system to clean tote tanks is under construction which will further reduce the amount of waste generated in addition to reclaiming the solvents used.

Our commitment has been changed from the original application. The commitment was given as an absolute value in error. Value submitted was in terms of units of production. In addition, the production units submitted on the application (gallons/100,000 lbs of production) should have read gallons/1,000,000 lbs of production. The annual report does not allow reporting in gallons, thus the baseline for the application as well as Year 1 quantities have been converted to tons. As recommended by EPA personnel, the Year 1 reported quantities and baseline values are actual. The performance commitment is calculated based on the preferred method of utilizing a normalizing factor. We are using changes in production activity as the basis for our normalizing factor.

Attach:

Any attachments will be located at the end of the report.

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

C.3 Performance Commitment 3

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

| | | | | | |
|--|---|---------------|---------------|---------------|---|
| Category : | Air Emissions | | | | |
| Aspect : | Emissions of VOCs | | | | |
| | Aspect Specifics (Optional): | | | | |
| | Baseline (as stated in your application) | Year 1 | Year 2 | Year 3 | Performance Commitment (the goal stated in your application) |
| Calendar Year | 1999 | 2001 | 2002 | 2003 | 2003 |
| Actual Quantity (per year) | 3.91 | 3.02 | | | Optional: |
| Measurement Units | tons | | | | |
| Normalizing Factor | 1.0 | 1.39 | | | Optional: |
| Basis for your Normalizing Factor | Changes in production activity | | | | |
| Normalized Quantity* (per year) | 3.9 | 2.2 | | | 3.32 |
| *Calculated for you | | | | | |

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

Blending vessel lids were better secured, improved calculation of emissions and inspections of valves, fitting, piping to minimize releases are the principal factors contributing to our success in achieving our goal of reduction of VOC emissions.

The baseline value and the commitment have both been changed from that submitted on the original application. The absolute value submitted on the application (6TPY) was erroneous due to using estimated values. Our method of measuring and calculating have been revised and proven to be more accurate. To remain consistent with the rest of our commitments we are reporting actual values for baseline and Year 1 quantities and utilizing the EPA preferred method of normalizing to calculate the performance commitment and use changes in production activity as the basis of our normalizing factor.

Attach:

Any attachments will be located at the end of the report.

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

C.4 Performance Commitment 4

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

| | | | | | |
|--|--|---------------|---------------|---------------|---|
| Category : | Accidental Releases | | | | |
| Aspect : | Release History | | | | |
| | Aspect Specifics (Optional): | | | | |
| | Baseline (as stated in your application) | Year 1 | Year 2 | Year 3 | Performance Commitment (the goal stated in your application) |
| Calendar Year | 1999 | 2001 | 2002 | 2003 | 2003 |
| Actual Quantity (per year) | 0 | 0 | | | Optional: |
| Measurement Units | number of releases | | | | |
| Normalizing Factor | 1.0 | 1 | | | Optional: |
| Basis for your Normalizing Factor | No normalizing factor. All will be absolute number. | | | | |
| Normalized Quantity* (per year) | 0 | 0 | | | 0 |
| *Calculated for you | | | | | |

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

Continued program of maintenance & improvement of employee training programs, self- inspection, internal audits, Awareness of Responsible care initiatives, employee motivation and incentive programs.

Attach:

Any attachments will be located at the end of the report.

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).

The Baker Petrolite Rayne Blend Facility has actively supported & participated in a Responsible Care Program. During 2001 we have donated 23 pieces of obsolete office equipment to local trade schools and technical colleges for use in learning basic repair skills, 50% of the employees donate a portion of their salary to support United Way Organizations . HSE coordinator and Q/C supervisor belong to the Acadia Parish Louisiana Emergency Preparedness Committee and attend quarterly meeting. As part of our community outreach program, a safety meeting was presented for industrial neighbor in which we included information about our facility operations, preventive safety programs and inspections, HAZCOM information on our chemicals and our emergency response plans. Monies were donated to the National Fire Safety Council on behalf of the Rayne Volunteer Fire Department. The monies were used to sponsor a fire education program for 100 students in the local Parish area. Recyclable materials such as white paper, aluminum cans, cardboard, and newspapers are collected and sent to the Crowley Parish Barn & proceeds are used to benefit local charities and schools.

Attachment:

Any attachments will be located at the end of the report.

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

Web Site

URL: www.bakerpetrolite.com

Other:

**Section E.
Self-Certification of Continued Program Participation**

On behalf of **Baker Petrolite-Rayne Blend Plant,**
(name of my facility)

I certify that

- I have read and agree to the terms and conditions as 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;

- 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 Environment 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. Randy Harris

Title

Plant Manager

Phone Number

337-235-2461

E-mail Address

randy.harris@BakerPetrolite.co

Facility Name

Baker Petrolite-Rayne Blend Plant

Facility Street Address

135 Industrial Drive

Rayne, LA 70578

Performance Track ID#

A060016

Appendix:**Do you want to add Appendix?****When adding additional comments, please refer to question number.****Comments:****Attachment:**

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection 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.