



State of Ohio Environmental Protection Agency

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P.O. Box 1049  
Columbus, OH 43216-1049

CERTIFIED MAIL

February 9, 2005

**Re: BP Chemicals, Inc.**  
EPA ID No: OHD 042 157 644  
Ohio ID No: 03-02-0450  
Modified Hazardous Waste Permit

Mr. Joseph Bianco  
BP Chemicals, Inc.  
1900 Fort Amanda Road  
P.O. Box 628  
Lima, Ohio 45802-0628

Dear Mr. Bianco:

On March 3, 2004, Ohio EPA received BP Chemicals, Inc.'s request for a new facility operator as a result of BP Chemicals, Inc. merging with BP Amoco Chemical Company. For this modification, BP Chemicals, Inc. submitted a Class 3 modification application<sup>1</sup>. The Agency did not receive written comments concerning this Class 3 modification application. I have enclosed the final modified Ohio hazardous waste facility installation and operation permit (Permit) that was issued by the director today. Please note that the modified Permit remains in effect until it is renewed, withdrawn, suspended or revoked.

You have the right to appeal this Permit decision to the Environmental Review Appeals Commission (ERAC) no later than 30 days after the public notice (See Ohio Revised Code § 3745.04). You may file your appeal with ERAC at the following address: Environmental Review Appeals Commission, 309 South Fourth Street, Room 222, Columbus, Ohio 43215.

If you file an appeal, you must put it in writing. Your appeal must explain why you are appealing the action and the grounds you are using for your appeal. You must send a copy of the appeal to the director of the Ohio Environmental Protection Agency no later than three (3) days after you file it with ERAC.

<sup>1</sup>Ohio EPA assigned tracking # 040303-3A-1 to this modification application.

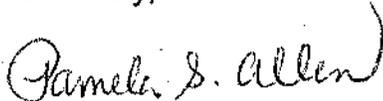
Bob Taft, Governor  
Bruce Johnson, Lieutenant Governor  
Joseph P. Koncelik, Director

Mr. Joseph Bianco  
BP Chemicals, Inc.  
February 9, 2005  
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If you have any questions, please contact Melissa Boyers of the Ohio EPA Northwest District Office at (419) 352-8461.

Sincerely,



Pamela S. Allen, Manager  
Regulatory and Information Services  
Division of Hazardous Waste Management

cc: Jeremy Carroll/Dennis DeNiro, ERAS, DHWM  
Harriet Croke, U.S. EPA, Region V  
John Pasquarette/Melissa Boyers, DHWM, NWDO  
Carol Hester, Ohio EPA, PIC

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## PUBLIC NOTICE

Allen County

### OHIO EPA ISSUES FINAL HAZARDOUS WASTE PERMIT MODIFICATIONS

On February 9, 2005, Ohio EPA issued two final modified hazardous waste facility installation and operation permits (Permit). One was issued to BP Chemicals, Inc, for its facility at 1900 Fort Amanda Road, Lima, Ohio 45802. The EPA Identification Number for this facility is OHD042157644. The second was issued to Premcor/BP Refinery for its facility located at 1150 South Metcalf Street, Lima, Ohio 45804. The EPA Identification Number for this facility is OHD005051826.

#### **Why do BP Chemicals, Inc., and Premcor/BP Lima Refinery need these permit Modifications?**

BP Chemicals, Inc., is a permitted hazardous waste facility which manufactures acrylonitrile, acetonitrile, hydrogen cyanide, acrylonitrile catalyst, and a resin product known as Barex. The BP Chemicals facility is authorized for the following hazardous waste activities: container storage, tank storage and treatment, filter press treatment, corrective action, and closure care. The Premcor/BP Lima Refinery, which manufactures petroleum products, is also permitted but is currently conducting corrective action and closure/post-closure activities. Both facilities request for a new facility operator as a result of BP Chemical, Inc. merging with BP Amoco Chemical Company on December 31, 2003. These final modified Permits will allow both facilities to make the requested changes. To issue these final modified Permits, Ohio EPA determined that the modification applications are complete and meets appropriate standards.

#### **Can I appeal these final modified Permits?**

Yes, if you are an officer of an agency of the state or of a political subdivision, acting in a representative capacity, or any person who would be aggrieved or adversely affected by these modified Permits, you have the right to appeal these Permit decisions to the Environmental Review Appeals Commission (ERAC).

#### **If I decide to appeal these final modified Permits, how and when must I make the appeal?**

If you file an appeal, you must put it in writing no later than **March 11, 2005**. Your appeal must explain why you are appealing the action and the grounds you are using for your appeal. You must file your appeal, according to Ohio Revised Code §§ 3745.04 and 3745.07, with ERAC at the following address: **Environmental Review Appeals Commission**, 309 South Fourth Street, Room 222, Columbus, Ohio 43215. You must send a copy of the appeal to the director of Ohio EPA at the following address no later than three (3) days after you file it with ERAC: **Joseph P. Koncelik, Director of Ohio EPA**, P.O. Box 1049, Columbus, Ohio 43216-1049.

**OHIO ENVIRONMENTAL PROTECTION AGENCY**  
**MODIFIED OHIO HAZARDOUS WASTE FACILITY**  
**INSTALLATION AND OPERATION PERMIT**

Date of Issuance: February 9, 2005  
Effective Date: February 9, 2005

U.S. EPA ID No.: OHD 042 157 644  
Ohio Permit No.: 03-02-0450

**Name of Permittee:** BP Chemicals, Inc.  
**Mailing Address:** 1900 Ft. Amanda Road  
P.O. Box 628  
Lima, Ohio 45802-0628  
**Facility Location:** 1900 Ft. Amanda Road  
Lima, Ohio 45802  
**Person to Contact:** Mr. Joseph Bianco

OHIO E.P.A.  
FEB - 9 2005  
ENTERED DIRECTOR'S JOURNAL

This Modified Ohio Hazardous Waste Facility Installation and Operation Permit is issued pursuant and subject to Section 3734.05(I) of the Ohio Revised Code and Rule 3745-50-51(D) of the Ohio Administrative Code.

The Ohio Hazardous Waste Facility Installation and Operation Permit with the above-referenced permit number as issued by the Ohio Environmental Protection Agency and journalized on December 20, 2002 is hereby incorporated by reference in its entirety except as it may be modified herein.

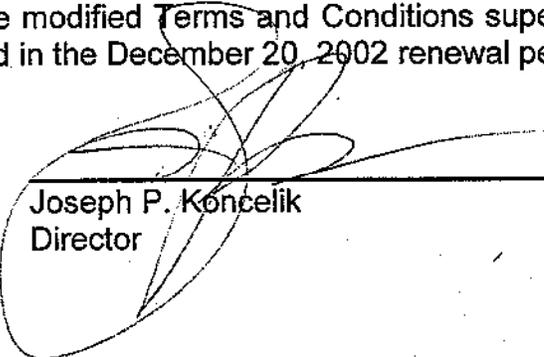
This modification of the permit shall remain in effect until such time as the Ohio Hazardous Waste Facility Installation and Operation Permit is renewed, modified, withdrawn, suspended or revoked.

The permittee shall comply with all requirements of the modified Part B permit application as amended or supplemented on March 3, 2004. The information contained in the modified Part B permit application is incorporated herein by reference. Specifically, all written statements regarding the specifications, locations or capabilities of the processes, equipment, containment devices, safety devices or programs or other matters made by the applicant in the permit modification application are hereby incorporated as express, binding terms and conditions of this modified permit.

*I hereby certify that this is a true and correct copy of the original documents filed in the records of the Ohio Environmental Protection Agency.*

*Donna Shack* on 2/9/05

The modified Terms and Conditions of this permit are attached hereto and are incorporated herein by reference. The modified Terms and Conditions supersede and replace the corresponding pages found in the December 20, 2002 renewal permit.



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Joseph P. Koncelik  
Director

OHIO EPA DHWM

FEB 09 2005

**OHIO ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF HAZARDOUS WASTE MANAGEMENT**

**SUMMARY OF MODIFICATIONS TO HAZARDOUS WASTE  
INSTALLATION AND OPERATION PERMIT**

BP Chemicals, Inc.  
U.S. EPA ID#: OHD 042 157 644  
Ohio ID #: 03-02-0450

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Modification of the Hazardous Waste Facility Installation and Operation Permit will authorize BP Chemicals, Inc. to make the following changes:

**Class 3A Modification:**

BP Chemicals, Inc., an Ohio corporation, merged with BP Amoco Chemical Company, a Delaware corporation. The surviving entity is known as BP Amoco Chemical Company.

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**OHIO ENVIRONMENTAL PROTECTION AGENCY**

**OHIO HAZARDOUS WASTE FACILITY  
INSTALLATION AND OPERATION PERMIT RENEWAL**

Permittee: BP Amoco Chemical Company

Mailing  
Address: BP Amoco Chemical Company  
1900 Fort Amanda Road  
Lima, Ohio 45802-0628

Owner: BP America  
150 W. Warrenville Road  
Napierville, IL 60566-7011

Operator: BP Amoco Chemical Company  
P.O. Box 628  
Lima, Ohio 45802-0628

Location: BP Amoco Chemical Company  
1900 Fort Amanda Road  
Lima, Ohio 45802-0628

Ohio Permit No.	03-02-0450
US EPA ID	OHD 042 157644
Issue Date	12/20/02
Effective Date	12/20/02
Expiration Date	12/20/07

**AUTHORIZED ACTIVITIES**

In reference to the application of BP Amoco Chemical Company for an Ohio Hazardous Waste Facility Installation and Operation Renewal Permit under Ohio Revised Code (ORC) Chapter 3734 and the record in this matter, you are authorized to conduct at the above-named facility the following hazardous waste management activities:

- ◆ S01: Container Storage
- ◆ S02: Tank Storage
- ◆ T02: Tank Treatment
- ◆ T04: Other Treatment - Filter Press
- ◆ Corrective Action
- ◆ Closure/Post-closure

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to the Division of Hazardous Waste Management's most recent Closure Plan Review Guidance for RCRA facilities.

**B.27. Closure Plan**

OAC Rule 3745-55-10, OAC Rule 3745-55-11, and OAC Rule 3745-55-13

The Permittee shall implement the procedures detailed within Section I of the approved Part B permit application, in accordance with OAC Rules 3745-55-10 through 3745-55-20.

The Permittee has one unit (AN-1) that was created after the previous permit was issued. This unit is subject to closure requirements of OAC Chapter 3745-55 but, has not yet achieved final closure. The purpose of this condition is to put the Permittee on schedule to complete closure of this unit. This unit is outlined in the following table:

Unit Name: (Type of Unit)	Type of Waste Managed/Contained in the Unit	Status of Closure
AN-1 (Surface Impoundment)	Excavated soil from area around the thermal oxidizers; radioactive contaminants	BP Amoco Chemical Company (BPACC) submitted a closure plan for the AN-1 unit on March 30, 1998. A revised plan was submitted on April 20, 2000. Ohio EPA issued a Notice of Deficiency on this submittal. BPACC submitted a revised plan on March 21, 2001 to address the NOD. The revised AN-1 closure plan submitted on March 21, 2001 is hereby approved with issuance of this permit. BPACC has completed closure activities. Hence, within 30 days of permit journalization, BPACC shall submit the closure certification for this unit for Ohio EPA review and approval. Upon approval, the Permittee in accordance with OAC Rule 3745-50-51 can proceed to modify its permit to remove this unit from its permit.

Within 30 days of permit journalization, BPACC shall submit the closure certification for AN-1 for Ohio EPA review and approval.

**B.28. Amendment of Closure Plan**

OAC Rules 3745-55-12 and 3745-50-51

Should a change in the facility closure plan become necessary, the Permittee shall amend the approved closure plan in accordance with OAC Rule 3745-55-12 (C).

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New tanks at the facility are:

S02-1, S02-4, S02-5, S02-6, S02-14, S02-18, S02-19,  
T01-1, T01-2, T01-4, T01-5, T01-6, T01-8, T01-10, T01-13.

Existing tanks at the facility are: There no existing tanks at the facility.

**D.4. Operating Requirements**

OAC Rule 3745-55-94

- (a) The Permittee shall not place hazardous wastes or treatment reagents in the tank system if they could cause the tank, its ancillary equipment, or a containment system to rupture, leak, corrode, or otherwise fail.
- (b) The Permittee shall prevent spills and overflows from the tank or containment systems using the methods described in the Part B permit application. The Permittee shall comply with the requirements of OAC Rule 3745-55-96 if a leak or spill occurs in the tank system.
- (c) The sand filters and catalyst waste water tank must be operated in accordance with good industry practice and the BP Amoco Chemical Company operating manuals for this equipment.

**D.5. Inspection Schedules and Procedures**

OAC Rule 3745-55-95

- (a) The Permittee shall inspect the tank systems, in accordance with the Inspection Schedule and shall complete the items in Permit Conditions D.4(b) and D.4(c) as part of those inspections:
- (b) The Permittee shall inspect the overflow controls in accordance with the procedure and schedule in the approved Part B permit application.
- (c) The Permittee shall inspect the following components of the tank system once each operating day:
  - (i) Aboveground portions of the tank system, if any, to detect corrosion or releases of waste;

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## MODULE E - CORRECTIVE ACTION REQUIREMENTS

### Corrective Action Summary

On September 22, 1987 a RCRA Facility Assessment (RFA) for the BP Chemicals, Inc. facility was completed by U.S. EPA. Based on the RFA the U.S. EPA required BP Amoco Chemical Company to conduct a RCRA Facility Investigation (RFI) for the following units:

Firewater Pond No. 2 (SWMU #2)	Process Pond No. 2 (SWMU #3)
V-2 Pond (SWMU #32)	Outfall Pond (SWMU #38)
Old Catalyst Wastewater Settler (SWMU #98)	Drum Marshalling Area (SWMU #99)
CERCLA Landfill (SWMU #102)	Barex Wastewater Spill Area (AOC "A")
Dewatering Surge Tank (SWMU #15)	

The RFI Workplan was approved by U.S. EPA on September 30, 1994 and subsequently the RFI Report was approved by U.S. EPA on December 5, 1996. The findings of the RFI report required BP to submit a Corrective Measures Study (CMS) which was also approved by U.S. EPA on June 3, 1997. Based on the results of the CMS, U.S. EPA modified BP Amoco Chemical Company's federal permit on September 30, 1998 and selected a remedy for implementation. Ohio EPA, in accordance with permit condition E.9 of this module, is requiring BP to continue with this implementation.

Four other units identified in the 1987 RFA are also considered "regulated units" as that term is defined in 40 CFR 264.90 (a) (2) and OAC Rule 3745-54-90. These units are currently undergoing closure in accordance with OAC Rule 3745-66-12, 3745-55-12, and Condition B.26 of this permit. The units are as follows:

Celite Pond (SWMU #34)	V-1 Pond (SWMU #35)
Burn Pond (SWMU #36)	Deepwell Pond (SWMU #39)

Lastly, the Permittee currently operates four on-site Class I Hazardous Waste Injection Wells at the Lima facility. The Underground Injection Control (UIC) units were not a part of the RFI conducted under the Federal permit. However, in accordance with the requirements of OAC Rule 3745-50-46 (B), the Permittee must include and evaluate the UIC units under OAC Rule 3745-55-011. Therefore, Ohio EPA has identified these UIC units as waste management units. The Permittee is being requested to provide information confirming that no contamination due to leaks, equipment, ancillary valves and piping associated with the well have

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