



State of Ohio Environmental Protection Agency

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Columbus, OH 43216-1049

CERTIFIED MAIL

September 30, 2005

Re: BP Amoco Chemical Company
EPA ID No: OHD 042 157 644
Ohio ID No: 03-02-0450
Modified Hazardous Waste Permit

Mr. Joseph Bianco
BP Amoco Chemical Company
1900 Fort Amanda Road
P.O. Box 628
Lima, Ohio 45802-0628

Dear Mr. Bianco:

On January 18, 2005, Ohio EPA received BP Amoco Chemical Company's (BP Amoco) request for the transfer of assets, including but not limited to the Lima, Ohio chemicals plant, to a new subsidiary of BP America, Inc., Innovene USA LLC. For this modification, BP Amoco submitted a Class 3 modification application¹. 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 Please note that the modified Permit remains in effect until it is renewed, withdrawn, suspended or revoked.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.

¹Ohio EPA assigned tracking # 050118-3A-1 to this modification application.

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

Mr. Joseph Bianco
BP Amoco Chemical Company
September 30, 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

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

PUBLIC NOTICE

Allen County

OHIO EPA ISSUES FINAL HAZARDOUS WASTE PERMIT MODIFICATION

On September 30, 2005, Ohio EPA issued a final Class 3 modified hazardous waste facility installation and operation permit (Permit) to BP Amoco Chemical Company for its facility at 1900 Fort Amanda Road, Lima, Ohio 45802. The EPA Identification Number for this facility is OHD042157644.

Why does BP Amoco Chemical Company need this permit Modification?

BP Amoco Chemical Company (BP Amoco) is permitted to store hazardous waste in containers and tanks, to treat waste in tanks and a filter press, and to conduct closure/post-closure and corrective action activities. BP Amoco has requested for the transfer of assets, including but not limited to the Lima, Ohio chemicals plant, to a new subsidiary of BP America, Inc., Innovene USA LLC. This final permit modification will allow BP Amoco to make the requested changes. To issue this final modified permit, Ohio EPA determined that the Permit application is complete and meets appropriate standards.

Can I appeal this permit?

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 this Permit, you have the right to appeal this permit decision to the Environmental Review Appeals Commission (ERAC).

If I decide to appeal this final modified Permit, how and when must I make the appeal?

If you file an appeal, you must put it in writing no later than October 31, 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, 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 E.P.A. **OHIO ENVIRONMENTAL PROTECTION AGENCY**
SEP 30 2005
ENTERED DIRECTOR'S JOURNAL **MODIFIED OHIO HAZARDOUS WASTE FACILITY
INSTALLATION AND OPERATION PERMIT**

Date of Issuance: September 30, 2005
Effective Date: September 30, 2005

U.S. EPA ID No.: OHD042157644
Ohio Permit No.: 03-02-0450

Name of Permittee: BP Amoco Chemical Company
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

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.

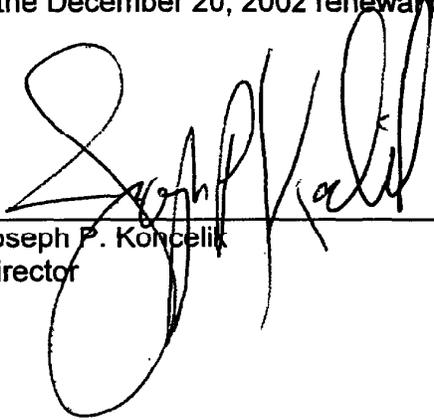
The permittee shall comply with all requirements of the modified Part B permit application as amended on January 18, 2005 and supplemented on June 17, 2005 and July 5, 2005. The information contained in the modified Part B permit application is incorporated herein by reference. Specifically, all written 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 certify this to be a true and accurate copy of the
official document as filed in the records of the Ohio
Environmental Protection Agency.

By: 

Date 9-30-05

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.



Joseph P. Koncelik
Director

OHIO ENVIRONMENTAL PROTECTION AGENCY
OHIO HAZARDOUS WASTE FACILITY
INSTALLATION AND OPERATION PERMIT RENEWAL

Permittee: Innovene USA LLC

Mailing Address: Innovene USA LLC
1900 Fort Amanda Road
Lima, Ohio 45802-0628

Owner: Innovene USA LLC
150 W. Warrenville Road
Naperville, IL 60566-7011

Operator: Innovene USA LLC
P.O. Box 628
Lima, Ohio 45802-0628

Location: Innovene USA LLC
1900 Fort Amanda Road
Lima, Ohio 45802-0628

Ohio Permit No.:	03-02-0450
US EPA ID:	OHD 042 157 644
Issue Date:	12/20/02
Effective Date:	12/20/02
Expiration Date:	12/20/07

AUTHORIZED ACTIVITIES

In reference to the application of Innovene USA LLC 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
- ◆ T01: Tank Treatment
- ◆ T04: Other Treatment - Filter Press
- ◆ Corrective Action
- ◆ Closure/Post Closure

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MODULE C - CONTAINER STORAGE AND MANAGEMENT

C. CONTAINER STORAGE AND MANAGEMENT

The container storage building is centrally located at the facility. The facility plot plan contained in Appendix D-1 of the approved Part B permit application shows the location of the storage building. The storage building consists of a concrete base and steel metal building structure.

C.1. Process Capacity/Annual Quantity Limitation OAC Rules 3745-50-43(A)(7)

- (a) The Permittee shall not store more than 27,500 gallons of containerized waste at any given time in the permitted container storage building located in the barrel yard. The Permittee shall not exceed a maximum container storage inventory of 500 fifty-five gallon drums. The Permittee shall store hazardous waste in the types of containers (size and type) described in Section D of the approved Part B application.
- (b) For the purpose of compliance with the capacity limitation of this permit, each container will be considered to be storing an amount of hazardous waste equal to its capacity, regardless of the actual quantity stored in the container.
- (c) The provision of Conditions C.1(a) and C.2 shall not apply to the Permittee's activities as a generator accumulating hazardous waste on-site in compliance with the provisions of OAC Rule 3745-52-34(A).

However, when accumulating waste within the permitted container storage area, in accordance with OAC Rule 3745-52-34(A), the Permittee shall not, for the total amount of hazardous waste stored and accumulated, exceed the maximum container storage inventory established under this Condition.

- (d) The Permittee shall not store hazardous waste for a period which exceeds one year, except that upon good cause shown, the Ohio EPA may extend such time period. Each container stored must be clearly marked to identify its contents, including hazardous waste stream identification, and must also be marked with the words "Hazardous Waste" and the date each period of storage begins.

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C.2. Waste Identification ORC Sections 3734.02(F) and 3734.05(H); and OAC Rule 3745-50-43

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MODULE D - TANK STORAGE, TREATMENT AND MANAGEMENT

The tank system at the facility consists of seven (7) storage tanks and eight (8) treatment tanks to accommodate the hazardous waste prior to deep well injection under the UIC permits. The system has been designed and installed to meet the requirements of the 1984 amendments to RCRA.

D.1. Process Capacity/Annual Limitation/Waste Identification
 ORC Section 3734.02(F) and OAC Rule 3745-50-43

(a) The Permittee may store a total volume of 2,428,040 gallons of hazardous waste in 15 tanks, subject to the terms of this Permit and as follows:

Tank No.	Capacity (Gallons)	Dimensions of Tank	Secondary Containment Required	Description of Hazardous Waste	Hazardous Waste No.
Storage Tank Units:					
S02-1 Filtered Deep Well Fluid Storage Tank	11,800	12 ft. (diam) x 14 ft.	Yes *	discharge water and recirculated waste water	K011, K013, K014, D001, D002, D003, D004, D005, D006, D007, D008, D009, D010,
S02-4 Deep Well Surge Storage Tank	960,000	60 ft. (diam) x 48 ft.	Yes - Double Walled and Double Bottomed Tank	waste water on an emergency basis	D011, D019, D035, F039, P003, P005, P030, P063, P069, P098, P101, P106, P120, U001, U002, U003, U007, U008, U009, U019, U044, U053, U056, U057, U080, U112, U122, U123, U124, U125, U129, U140, U147, U149, U151, U152, U154, U159, U101, U169, U188, U191, U196, U211, U213, U219, U220, U239

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MODULE E - CORRECTIVE ACTION REQUIREMENTS

Corrective Action Summary

On September 22, 1987 a RCRA Facility Assessment (RFA) for the facility was completed by U.S. EPA. Based on the RFA the U.S. EPA required BP Chemicals, Inc. 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 Chemicals, Inc.'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 the permittee 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 were closed 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 occurred. The Permittee shall limit the investigation to the well head and the

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