

Fact Sheet



*For Final Significant Modification Permitting Action Under 45CSR30 and
Title V of the Clean Air Act
(Group 7/8)
(1-Naphthol)*

Permit Number: **R30-03900007-2005**
Application Received: **October 8, 1996**
Plant Identification Number: **03900007**
Permittee: **Bayer CropScience, LP**
Facility Name: **Institute Site**
Mailing Address: **P.O. Box 1005**
Institute, WV 25112

Revised: January 12, 2009

Physical Location:	Institute, Kanawha County, West Virginia
UTM Coordinates:	432.0 km Easting • 4,248.3 km Northing • Zone 17
Directions:	The facility is located west of Institute, WV, adjacent to State Route 25 and West Virginia State College.

Facility Description

Bayer CropScience, an agricultural chemical based company, operates a multi-product, multi-process chemical plant. The Plant has five basic manufacturing units along with several other production facilities primarily responsible for producing raw materials used in the manufacture of agricultural chemicals. The principal products produced at the Institute site are SEVIN brand carbaryl, TEMIK brand aldicarb, LARVIN brand thiodicarb, methomyl, RHODIMET AT-88, oxamyl, BPMC, Carbofuran, and Carbosulfan. SIC Codes: 2879; 2869

Emissions Summary

There are no emission increases as a result of the modification.

Title V Program Applicability Basis

This facility will still maintain the potential to emit over 10 tons per year of a single HAP, and over 25 tons per year of aggregate HAPs. Due to this facility's potential to emit over 10 tons per year of a single HAP and over 25 tons per year of aggregate HAPs, (Bayer CropScience) is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

This modification has changes that are affected by the following applicable rules:

Federal and State:	40 C.F.R. Part 63 FFFF	Miscellaneous Organic NESHAP
State Only:	None	

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR15, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (if any)
R13-223	5/28/1976	
R13-226	5/21/1976	
CO-27-92-12	4/30/1992	
CO-21-97-4	2/19/1997	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B," which may be downloaded from DAQ's website.

Determinations and Justifications

1. 40CFR63 Subpart FFFF – *Miscellaneous Organic NESHAP* (“MON”)
The Crude Naphthol Unit and Oxidation Unit are subject to Subpart FFFF. There are no Subpart FFFF Group 1 sources in this section. The Permittee did not use the MON’s emissions averaging provisions for these process vents or storage tanks, so via 40CFR§63.2525(j), they do not have Startup, Shutdown, Malfunction Plans required from Subpart FFFF. These units are subject to the “HON”, and are still subject to those SSMP requirements given in Condition 4.5.4.

Condition 4.5.10 requires the Permittee to comply with Subpart FFFF Group 1 requirements if any of the Group 2 emission points become Group 1. Condition 4.5.11 requires the Permittee to document in its compliance report certain process changes.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

N/A

Request for Variances or Alternatives

None

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date: December 10, 2008

Ending Date: January 9, 2009

All written comments should be addressed to the following individual and office:

Mike Egnor
Title V Permit Writer
West Virginia Department of Environmental Protection
Division of Air Quality
601 – 57th Street SE
Charleston, WV 25304

Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Point of Contact

Mike Egnor
West Virginia Department of Environmental Protection
Division of Air Quality
601 – 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext: 1208 • Fax: 304/926-0478

Response to Comments (Statement of Basis)

Not applicable.