91-20-2 (1/89)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

State Pollutant Discharge Elimination System (SPDES)

DISCHARGE PERMIT

Special Conditions (Part I)

Industrial Code: 9511
Discharge Class (CL): 01
Toxic Class (TX): T
Major Drainage Basin: 07
Sub Drainage Basin: 02
Water Index Number: P-154-3-2
Compact Area:

SPDES Number: NY-0233251
DEC Number: 7-3126-00016/00151-9
Effective Date (EDP): 7 / 1 / 92
Expiration Date (ExDP): 7 / 1 / 97
Modification Date(s):
Attachment(s): General Conditions (Part II) Date: 11/ 9(
Fact Sheet, Monitoring Requirements, BMP
Schedule of Compliance, Responsiveness Su

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the Clean Water Act as amended, (33 U.S.C. Section 1251 et. seq.) (hereafter referred to as "the Act").

PERMITTEE NAME AND ADDRESS

Attention: Paul Wagner, Dir. Env. Safety

Name: Bristol-Myers Squibb
Street: P.O. Box 4755
City: Syracuse State: NY Zip Code: 13221

is authorized to discharge from the facility described below:

FACILITY NAME AND ADDRESS

Name: Bristol-Myers Squibb
Location (C,T,V): East Syracuse (T) County: Onondaga
Facility Address: 315 North Thompson Road
City: East Syracuse State: NY Zip Code: 13057
NYTM - E: 411.5 . NYTM - N: 4768 . 5
From Outfall No.: 002 at Latitude: 43° 04′ 00″ & Longitude: 76° 05′ 57″
into receiving waters known as: Headons Brook Class: D

and; (list other Outfalls, Receiving Waters & Water Classifications)

Outfall 003 - Headsons Brook, Class: D
Outfall 007 - South Branch Ley Creek, Class: D
Outfall 009 - South Branch Ley Creek, Class: D

in accordance with the effluent limitations, monitoring requirements and other conditions set forth in Special Conditions (Part I) and General Conditions (Part II) of this permit.

DISCHARGE MONITORING REPORT (DMR) MAILING ADDRESS

Mailing Name: Bristol-Myers Squibb
Street: P.O. Box 4755
City: Syracuse State: NY Zip Code: 13221
Responsible Official or Agent: Paul Wagner, Dir. Env. Safety Phone: (315)432-2409

This permit and the authorization to discharge shall expire on midnight of the expiration date shown and the permittee shall not discharge after the expiration date unless this permit has been renewed, or extended pursuant to law. To be authorized to discharge beyond the expiration date, the permittee shall apply for a permit renewal no less than 180 days prior to the expiration date shown above.

DISTRIBUTION:

Permit Administrator: George Danskin
Address: 50 Wolf Road, Albany, NY 12233-1750
Signature: G. A. Danskin Date: 6/25/92

FOIL013400

Outfall No.: 003 ; Storm Sewer Dry Weather (contd) Discharge; Nominal Flow: 12 gpm

Sulfate (as SO_4)	Monitor
Sulfide (as H_2S)	Monitor
Sulfite (as SO_3)	Monitor
Acetone	Monitor
Methyl Isobutyl Ketone	Monitor
n-Butyl Alcohol	Monitor

Outfall No.: 007 ; Storm Sewer Dry Weather Discharge; Nominal Flow: 46 gpm

Flow	Monitor
pH	BCT/BPJ
BOD,5-day	Water Quality
Nitrogen, Ammonia (as N)	Water Quality
Solids, Total Suspended	BCT/BPJ
Iron, Total	Water Quality
Methylene Chloride	BAT/BPJ
Toluene	BAT/BPJ
Phenolics, Total	Water Quality
Phosphorus, Total (as P)	Monitor
Sulfate (as SO_4)	Monitor
Sulfide (as H_2S)	Monitor
Sulfite (as SO_3)	Monitor
Acetone	Monitor
Methanol	Monitor
Methyl Isobutyl Ketone	Monitor
Dicyclohexylamine	Monitor
Dimethylaniline	Monitor
Fluoride	Action Level
Molybdenum, Total	Action Level
Manganese, Total	Action Level
Zinc, Total	Action Level

Outfall No.: 009 ; Storm Sewer Dry Weather Discharge; Nominal Flow: 6 gpm

Flow	Monitor
pH	BCT/BPJ
BOD,5-day	Water Quality
Solids, Total Suspended	BCT/BPJ
Iron, Total	Water Quality
Phenolics, Total	Water Quality
Phosphorus, Total (as P)	Monitor
Sulfate (as SO_4)	Monitor
Sulfide (as H_2S)	Monitor
Sulfite (as SO_3)	Monitor
Fluoride	Action Level
Molybdenum, Total	Action Level
Zinc, Total	Action Level

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning EDP

and lasting until see Note 1 at bottom of page 3 of 13.

the discharges from the permitted facility shall be limited and monitored by the permittee as specified below:

Outfall Number & Effluent Parameter	Discharge Limitations Daily Avg.	Daily Max.	Units	Minimum Monitoring Requirements Measurement Frequency	Sample Type
Outfall 007 - Dry Weather Discharge (cont):					
Methylene Chloride	Monitor	Monitor	mg/l	Monthly	Grab
Toluene	Monitor	Monitor	mg/l	Monthly	Grab
Phenolics, Total	Monitor	Monitor	mg/l	Monthly	Grab
Phosphorus, Total (as P)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfate (as SO_4)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfide (as H_2S)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfite (as SO_3)	Monitor	Monitor	mg/l	Monthly	Grab
Acetone	Monitor	Monitor	mg/l	Monthly	Grab
Methanol	Monitor	Monitor	mg/l	Monthly	Grab
Methyl Isobutyl Ketone	Monitor	Monitor	mg/l	Monthly	Grab
Dicyclohexylamine	Monitor	Monitor	mg/l	Monthly	Grab
[illegible]ethylaniline	Monitor	Monitor	mg/l	Monthly	Grab
[illegible]ride	Monitor	Monitor	mg/l	Monthly	Grab
[illegible]ybdenum, Total	Monitor	Monitor	mg/l	Monthly	Grab
Manganese, Total	Monitor	Monitor	mg/l	Monthly	Grab
Acenaphtylene	Monitor	Monitor	mg/l	Monthly	Grab
Zinc, Total	Monitor	Monitor	mg/l	Monthly	Grab
Outfall 009, Dry Weather Discharge:					
Flow	Monitor	Monitor	gpd	Monthly	Instantaneous
pH (Range)	Monitor	Monitor	SU	Monthly	Grab
BOD,5-day	Monitor	Monitor	mg/l	Monthly	Grab
Solids, Total Suspended	Monitor	Monitor	mg/l	Monthly	Grab
Iron, Total	Monitor	Monitor	mg/l	Monthly	Grab
Phenolics, Total	Monitor	Monitor	mg/l	Monthly	Grab
Phosphorus, Total (as P)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfate (as SO_4)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfide (as H_2S)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfite (as SO_3)	Monitor	Monitor	mg/l	Monthly	Grab
Fluoride	Monitor	Monitor	mg/l	Monthly	Grab
Molybdenum, Total	Monitor	Monitor	mg/l	Monthly	Grab
Zinc, Total	Monitor	Monitor	mg/l	Monthly	

Note 1: The discharge limitations on pages 4 and 5 of 13 shall become effective upon completion of the storm sewer rehabilitation project in accordance with the terms of the Order on Consent (DEC Case No. D7-0007-92-04) entered May 14, 1992 and the schedule of compliance on pages 11 and 11a of 13. If treatment of the storm sewer dry weather flows is necessary after completion of the storm sewer rehabilitation project to achieve compliance with the limits specified on pages 4 and 5 of 13, these limits shall become effective 180 days after Department approval of the treatment system engineering design report.

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning see Note 1 at bottom of page 3 of 13

and lasting until EDP + 5 YEARS

the discharges from the permitted facility shall be limited and monitored by the permittee as specified below:

Outfall Number & Effluent Parameter	Discharge Limitations Daily Avg.	Daily Max.	Units	Minimum Monitoring Requirements Measurement Frequency	Sample Type
Outfall 007 - Dry Weather Discharge:					
Flow	Monitor	Monitor	gpd	Monthly	Instantaneous
pH (Range)	(6.0 to 9.0)		SU	Monthly	Grab
BOD,5-day	Monitor	5.0	mg/l	Monthly	Grab
Nitrogen, Ammonia (as N)	Monitor	6.8	mg/l	Monthly	Grab
Solids, Total Suspended	Monitor	20	mg/l	Monthly	Grab
Iron, Total	Monitor	0.3	mg/l	Monthly	Grab
Methylene Chloride	Monitor	0.03	mg/l	Monthly	Grab
Toluene	Monitor	0.03	mg/l	Monthly	Grab
Phenolics, Total	0.005	Monitor	mg/l	Monthly	Grab
Phosphorus, Total (as P)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfate (as SO_4)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfide (as H_2S)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfite (as SO_3)	Monitor	Monitor	mg/l	Monthly	Grab
Acetone	Monitor	Monitor	mg/l	Monthly	Grab
Methanol	Monitor	Monitor	mg/l	Monthly	Grab
Methyl Isobutyl Ketone	Monitor	Monitor	mg/l	Monthly	Grab
Dicyclohexylamine	Monitor	Monitor	mg/l	Monthly	Grab
Dimethylaniline	Monitor	Monitor	mg/l	Monthly	Grab
Outfall 009 - Dry Weather Discharge:					
Flow	Monitor	Monitor	gpd	Monthly	Instantaneous
pH (Range)	(6.0 to 9.0)		SU	Monthly	Grab
BOD,5-day	Monitor	5.0	mg/l	Monthly	Grab
Solids, Total Suspended	Monitor	20	mg/l	Monthly	Grab
Iron, Total	Monitor	0.3	mg/l	Monthly	Grab
Phenolics, Total	0.005	Monitor	mg/l	Monthly	Grab
Phosphorus, Total (as P)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfate (as SO_4)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfide (as H_2S)	Monitor	Monitor	mg/l	Monthly	Grab
Sulfite (as SO_3)	Monitor	Monitor	mg/l	Monthly	Grab

ACTION LEVEL REQUIREMENTS (TYPE I)

The parameters listed below have been reported present in the discharge but at levels that currently do not require water quality or technology based limits. Action levels have been established which, if exceeded, will result in reconsideration or water quality or technology based limits.

Routine action level monitoring results, if not provided for on the Discharge Monitoring Report (DMR) form, shall be appended to the DMR for the period during which the sampling was conducted. If submission of DMR's is not required by this permit, the results shall be maintained in accordance with instructions on the RECORDING, REPORTING AND MONITORING page of this permit.

If any of the action levels is exceeded, the permittee shall undertake a short-term, high-intensity monitoring program for this parameter. Samples identical to those required for routine monitoring purposes shall be taken on each of at least three operating days and analyzed. Results shall be expressed in terms of both concentration and mass, and shall be submitted no later than the end of the third month following the month when the action level was first exceeded. Results may be appended to the DMR or transmitted under separate cover to the addresses listed on the RECORDING, REPORTING AND MONITORING page of this permit. If levels higher than the actions levels are confirmed the permit may be reopened by the Department for consideration of revised action levels or effluent limits.

The permittee is not authorized to discharge any of listed parameters at levels which may cause or contribute to a violation of water quality standards.

Outfall Number & Effluent Parameter	Action Level	Units	Minimum Monitoring Requirements Measurement Frequency	Sample Type
Outfall 009:				
Fluoride	0.2	lb/d	Quarterly	Grab
Molybdenum, Total	0.07	lb/d	Quarterly	Grab
Zinc, Total	0.04	lb/d	Quarterly	Grab

SCHEDULE OF COMPLIANCE

The permittee shall comply with the following schedule.

Action Code	Outfall Number(s)	Compliance Action	Due Date
	All Outfalls 001-010	Submit an approvable BMP Plan as outlined on page 8 of 13.	EDP + 6 mos.
	All Outfalls 001-010	Implement non-structural measures specified by the BMP Plan.	EDP + 9 mos.
	All Outfalls 001-010	Complete construction of structural measures specified by the BMP Plan.	EDP + 15 mos.
		Note: The due date for the completion of structural measures may be modified at the discretion of the Department to allow the permittee reasonable time to design and construct these measures.	

b) The permittee shall submit a written notice of compliance or non-compliance with each of the above schedule dates no later than 14 days following each elapsed date, unless conditions require more immediate notice under terms of the General Conditions (Part II), Section 5. All such compliance or non-compliance notification shall be sent to the locations listed under the section of this permit entitled RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS. Each notice of non-compliance shall include the following information:

1. A short description of the non-compliance;
2. A description of any actions taken or proposed by the permittee to comply with the elapsed schedule requirements without further delay and to limit environmental impact associated with the non-compliance;
3. A description or any factors which tend to explain or mitigate the non-compliance; and
4. An estimate of the date the permittee will comply with the elapsed schedule requirement and an assessment of the probability that the permittee will meet the next scheduled requirement on time.

c) The permittee shall submit copies of any document required by the above schedule of compliance to NYSDEC Regional Water Engineer at the location listed under the section of this permit entitled RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS, unless otherwise specified in this permit or in writing by the Department.

SCHEDULE OF COMPLIANCE

The permittee shall comply with the following schedule.

Action Code	Outfall Number(s)	Compliance Action	Due Date
	002, 003, 007 and 009	1. Submit for Department approval an engineering report for storm sewer contaminant source identification and control.	August 12, 1992
		2. Complete rehabilitation of storm sewers 002, 003, 007 and 009.	February 8, 1993
		3. Submit for Department approval an engineering design report, plans and specifications for a storm sewer dry weather flow treatment system, if necessary.	May 9, 1993
		4. Complete construction of storm sewer dry weather flow treatment system and comply with SPDES permit limitations.	180 days after DEC approval of 3.
		5. Completes storm sewer contaminant source investigation.	270 days after DEC approval of 1.
		6. Submit for Department approval an engineering report outlining the results of the storm sewer contaminant source investigation. This report shall also include plans for determining the extent of groundwater contamination in all areas of suspected or known groundwater contamination which has impacted the storm sewers.	90 days after completion of 5.
		7. Submit for Department approval an engineering design report, plans and specifications for the elimination of the source of the groundwater contamination.	90 days after completion of 5.
		8. Complete investigation into the extent of the groundwater contamination which has impacted the storm sewers.	270 days after DEC approval of 5.

b) The permittee shall submit a written notice of compliance or non-compliance with each of the above schedule dates no later than 14 days following each elapsed date, unless conditions require more immediate notice under terms of the General Conditions (Part II), Section 5. All such compliance or non-compliance notification shall be sent to the locations listed under the section of this permit entitled RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS. Each notice of non-compliance shall include the following information:

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Change to 6

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