MINOR NPDES PERMIT MODIFICATION

issued to

Pfizer Inc.
Eastern Point Road
Groton, Connecticut 06340

Location Address:

Pfizer Global Research and Development
Groton/New London Laboratories
West Campus
445 Eastern Point Road
Groton, Connecticut 06340

Facility ID: 059-003

Permit ID: CT0000957

Receiving Stream: Thames River

Permit Expires: July 28, 2013

Receiving Water Body ID: CT-E1_014-SB

This minor permit modification is issued in accordance with section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), section 22a-430-4(p)(5) of the Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended, and Section 402(b) of the Clean Water Act, as amended 33 USC 1251, et. seq., and pursuant to an approval dated September 26, 1973, by the Administrator of the United States Environmental Protection Agency for the State of Connecticut to administer a N.P.D.E.S. permit program.

Pfizer Inc, ("Permittee"), shall comply with all conditions of Permit No. CT0000957 issued on July 29, 2008 with the following modification:

> *Table A is modified to correct a reporting discrepancy for the following monitoring parameters: 1) "Flow, Day of Sampling"; 2) "pH, Day of Sampling". The least frequent monitoring now required for DSN 008 is "Monthly". Therefore, for consistency purposes, the "Flow, Day of Sampling" and "pH, Day of Sampling" have been changed from "Weekly" to "Monthly". Table A is hereby revised and superseded and attached hereto. Revisions are in bold.*

The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions that may be authorized under the Clean Water Act or the Connecticut General Statutes or regulations adopted thereunder, as amended. The permit as modified under this paragraph may also contain any other requirements of the Clean Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

All other terms and conditions of Permit No. CT0000957 issued on July 29, 2008 shall continue in full force and effect.

This minor modification is hereby issued on May 18, 2010.

_/s/ Kim E. Hudak, Assistant Director_____
KIM E. HUDAK, Assistant Director
Bureau of Materials Management and Compliance Assurance

Table A

Discharge Serial Number: **008-1** | Monitoring Location: **1**

Wastewater Description: **Utilities wastewaters (unused steam condensate, water softener regeneration wastewater, shell and tube heat exchanger wastewater, boiler blowdown, boiler washdown, boiler blowdown lab wastewater, and cooling tower blowdown), utilities contact cooling water (barometric condensor water) and chilled water, and stormwater**

Monitoring Location Description: **Basin instrument trailer on the west side of the effluent basin**

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test[3]
		Average Monthly Limit	Maximum Daily Limit	Sample//Reporting Frequency [2]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample// Reporting Frequency[2]	Sample Type or measurement to be reported	
Aquatic Toxicity, *Mysidopsis bahia* NOAEL = 100% [See notes 4,5 & 6 below]	%	NA	≥90% survival	Semi-annual	Daily Composite	≥90% survival	NR	Grab	
Aquatic Toxicity, *Cyprinodon variegatus* NOAEL=100% [See notes 4,5 & 6 below]	%	NA	≥90% survival	Semi-annual	Daily Composite	≥90% survival	NR	Grab	
Ammonia (as N)	mg/l	NA	---	Monthly	Daily Composite	NA	NR	NA	
Bis(2-ethylhexyl)phthalate	mg/l	0.006[7]	0.012[7]	Monthly	Daily Composite	0.018[7]	NR	Grab	0.005
BOD_5	mg/l	NA	---	Monthly	Daily Composite	NA	NR	NA	
Chlorine, Total Residual	mg/l	NA	0.2	Quarterly	GSA	NA	NR	Grab	0.020
Chromium, Total	mg/l	NA	---	Quarterly	Daily Composite	NA	NR	NA	0.005
Copper, Total	mg/l	NA	---	Quarterly	Daily Composite	NA	NR	NA	0.005
Flow, Average and Maximum [1]	MGD	70	70	Continuous// Monthly	Daily Flow	NA	NR	NA	
Flow Rate, Day of Sampling	MGD	NA	70	**Monthly**	Daily Flow	NA	NR	NA	
Iron, Total	mg/l	3.0	5.0	Quarterly	Daily Composite	NA	NR	NA	
Lead, Total	mg/l	NA	---	Quarterly	Daily Composite	NA	NR	NA	0.005
Nickel, Total	mg/l	NA	---	Quarterly	Daily Composite	NA	NR	NA	0.005
Nitrogen, Kjeldahl, Total	mg/l	NA	---	Monthly	Daily Composite	NA	NR	NA	
Nitrogen, Nitrate, Total	mg/l	NA	---	Monthly	Daily Composite	NA	NR	NA	
Nitrogen, Nitrite, Total	mg/l	NA	---	Monthly	Daily Composite	NA	NR	NA	
Oil and Grease, Total	mg/l	NA	5.0	Quarterly	GSA	7.5	NR	Grab	
pH, Continuous	S.U.	NA	NA	NR	NA	6.0-9.0	Continuous// Monthly	RDM	
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0-9.0	**Monthly**	RDS	
Solids, Total Suspended	mg/l	NA	---	Monthly	Daily Composite	NA	NR	NA	
Temperature	°F	NA	NA	NR	NA	90	Continuous// Monthly	Instantan-eous	
Zinc, Total	mg/l	NA	---	Monthly	Daily Composite	NA	NR	NA	0.010
Fecal coliform	#/100 ml	NA	NA	NR	NA	---	Quarterly	Grab	
Escherichia coli [See Remark **1**]	#/100 ml	NA	NA	NR	NA	---	Quarterly	Grab	
Nitrogen (Total) [See Remark **2**]	lbs/day	NA	---	Monthly	Daily Composite	NA	NR	NA	
Nitrogen (Total), by Jan 2009 [See Remark **2**]	lbs/day	441	661	Monthly	Daily Composite	NA	NR	NA	
Nitrogen (Total) by Jan 2014 [See Remark **2**]	lbs/day	331	441	Monthly	Daily Composite	NA	NR	NA	

Table A

Discharge Serial Number: **008-1** | Monitoring Location: **1**

Wastewater Description: **Utilities wastewaters (unused steam condensate, water softener regeneration wastewater, shell and tube heat exchanger wastewater, boiler blowdown, boiler washdown, boiler blowdown lab wastewater, and cooling tower blowdown), utilities contact cooling water (barometric condensor water) and chilled water, and stormwater**

Monitoring Location Description: **Basin instrument trailer on the west side of the effluent basin**

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test[3]
		Average Monthly Limit	Maximum Daily Limit	Sample//Reporting Frequency [2]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample// Reporting Frequency[2]	Sample Type or measurement to be reported	

Table A Footnotes and Remarks:

***Footnotes*:**

[1] For this parameter, the Permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report the Average Daily Flow and the Maximum Daily Flow for each month.

[2] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[3] Minimum Level Test refers to Paragraph (6)(A)(3) of this permit.

[4] Compliance with aquatic toxicity limits shall be based on the first 48 hours of a valid chronic toxicity test.

[5] For compliance with aquatic toxicity instantaneous limits, see Section 6, paragraph B.

[6] The results of the toxicity tests shall be recorded in % on the DMR.

[7] In accordance with the compliance schedule provided in Section 10(C) of this permit, these limits will take effect 365 days after issuance of this permit until permit expiration.

***Remarks*:**

1. Monitoring for *Escherichia coli* shall be applicable from May 1st to September 30th.

2 The Permittee shall meet the above-noted total nitrogen targets for purposes of achieving water quality standards for dissolved oxygen in Long Island Sound. Total nitrogen concentration means the total of the concentrations of: ammonia nitrogen, organic nitrogen (TKN-Ammonia N), nitrite nitrogen, and nitrate nitrogen. The calculated monthly mass loading of total nitrogen shall be reported in lbs/day.