



Pennsylvania Department of Environmental Protection

2 Public Square
Wilkes-Barre, PA 18711-0790
April 26, 2004

Northeast Regional Office

570-826-2511
Fax 570-830-3016

Mr. Robert Rost
City of Allentown
112 Union Street
Allentown, PA 18102

RECEIVED

MAY 05 2004

WATER RESOURCES

Re: Municipal Separate Storm Sewer System
City of Allentown
NPDES Permit No. PA 0063665
APS ID No. 464503
City of Allentown, Lehigh County

Dear Mr. Rost:

Your permit is enclosed.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S., Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in Braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

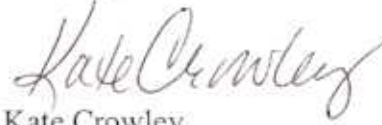
IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.



If you have any questions, please call Brian Busher at 570-826-2306.

Sincerely

A handwritten signature in cursive script that reads "Kate Crowley".

Kate Crowley
Program Manager
Water Management Program

Enclosures

cc: U.S. Environmental Protection Agency
Delaware River Basin Commission

bcc: Wastewater Management
Monitoring & Compliance Section
File

KC:BB:smd

WP: 63665.doc.

H: 4/14/04, T(F): 4/15/04, R(F): 4/20/04, R(F): 4/22/04

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WATER MANAGEMENT PROGRAM

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MUNICIPAL SEPARATE STORM SEWER SYSTEM PERMIT
FOR DISCHARGES OF STORM WATER FROM

CITY OF ALLENTOWN

NPDES PERMIT NO: PA - 0063665

In compliance with the provisions of the Clean Water Act (CWA), 33 U.S.C. Section 1251 et seq. (the "Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 et seq., the Department of Environmental Resources hereby authorizes:

City of Allentown
112 Union Street
Allentown, PA 18102-4910
County: Lehigh

to discharge storm water within its incorporated boundaries, from its municipal separate storm sewer system (MS4), to the **Lehigh River, Little Lehigh Creek, Trout Creek, Cedar Creek, Little Cedar Creek and Jordan Creek**, subject to terms and condition contained herein. This permit authorizes storm water discharges from the City's system to receiving waters in accordance with effluent limitations, management practices and monitoring requirements and other conditions set forth in Part A, B and C hereof.

1. **Approval of Coverage Under This Permit** -- A request for renewal of coverage under this permit, in the form of a formal letter, must be submitted to the Department **at least 180 days prior to** the expiration date indicated below. In the event that a timely request for renewal of coverage has been submitted and the Department is unable, through no fault of the City of Allentown (the City), to reissue the approval for coverage before the expiration date, the terms and conditions of this approval will be automatically continued and will remain fully effective and enforceable pending the issuance or denial of the renewal of coverage, provided the City is, and has been, operating in compliance with the terms and conditions of the permit.

2. **Issuance or Reissuance of The Permit** -- This permit expires at midnight April 25, 2009. The City has a duty to reapply for coverage if they wish to continue with permit coverage. A formal letter must be submitted to the Department at least 180 days before this permit expires. If the City submits a timely renewal request 180 days prior to the expiration, it may continue to discharge storm water from its system pursuant to the terms and conditions of this permit until the Department has re-issued the permit, at which time the City must meet the terms and conditions of the newly issued permit or cease the discharge. The Department will publish a notice in the **Pennsylvania Bulletin** of the draft permit, and after a comment period, notice of the final reissued permit will be published in the **Bulletin**.
3. This permit may be modified or revoked and re-issued by the Department if monitoring data indicates one or more toxic pollutants are, or are expected to be discharged through the permitted system.
4. The City may request from the Department a separate general or individual NPDES permit to be issued for any facility that discharges storm water associated with industrial activity into the City's system.
5. The City may request an individual NPDES permit for a facility with storm water associated with industrial activity which discharges into the City's system and which contributes to a violation of water quality standards, impairs a designated use of the receiving stream or is a significant contributor of pollutants to surface waters of the Commonwealth.
6. The City may request from the Department a reduction of the Census estimates of the population served by its system to account for storm water discharged to combined sewers as defined by 40 CFR 35.2005(b)(11) that is treated in a publicly owned treatment works (POTW). In municipalities in which combined sewers are operated, the Census estimates of population may be reduced proportional to the fraction, based on estimated lengths, of the length of combined sewers over the sum of the length of combined sewers and municipal separate storm sewers where an applicant has submitted the NPDES permit number associated with each discharge point and a map indicating areas served by combined sewers and the location of each combined sewer outfall. The Department shall make a final determination on any request or petition within 90 days after receiving the request.
7. No condition of this permit shall release the City from any responsibility or requirement under other federal or Pennsylvania environmental statutes or regulations or local ordinances.

THIS MUNICIPAL SEPARATE STORM SEWER SYSTEM PERMIT IS ISSUED APRIL 26, 2004,
AND SHALL EXPIRE AT MIDNIGHT APRIL 25, 2009, UNLESS EXTENDED OR RE-ISSUED
ON OR BEFORE THIS DATE BY THE DEPARTMENT.

THE CITY OF ALLENTOWN
MUNICIPAL SEPARATE STORM
SEWER SYSTEM PERMIT
ISSUED

BY Kate Crowley
Kate Crowley
WATER MANAGEMENT PROGRAM MANAGER
NORTHEAST REGIONAL OFFICE

DATE: APRIL 26, 2004

PART A
PERMIT CONDITIONS
EFFLUENT LIMITATIONS, SELF-MONITORING AND REPORTING REQUIREMENTS

1. EFFLUENT LIMITATIONS

This permit establishes effluent limitations, in the form of Best Management Practices (BMPs) such as Preparedness, Prevention, and Contingency (PPC) Plans, Management Practices, and Erosion and Sedimentation Control (E & S) Plans which restrict the rates and quantities of pollutants discharged into surface waters of the Commonwealth.

All storm water discharges from the City's system must comply with any applicable effluent limitations established in 25 Pa. Code Chapter 102.

2. LEGAL AUTHORITY

During the period beginning on the effective date and lasting through the expiration date of this permit.

(a) The City shall operate and maintain its legal authority established by statute, ordinance, order or other similar means to control storm water discharges from its system, in accordance with NPDES regulations, 40 C.F.R. Part 122.26(d)(2)(i);

(b) The City shall control the contribution of pollutants to its system, from storm water discharges from South Whitehall, Salisbury, Hanover and Whitehall Townships by inter-agency agreements with these municipalities;

(c) The City shall control through ordinance, order, or other similar means, the contribution of pollutants to its system from storm water discharges associated with industrial activity and the quality of storm water discharged from sites of industrial activity;

(d) The City shall prohibit through ordinance, order or similar means, illicit discharges to its system;

(e) The City shall require, mandate, and enforce compliance with conditions in ordinances, permits, contracts or orders;

(f) The City shall carry out all inspection, surveillance and monitoring procedures necessary to determine compliance and non-compliance with permit conditions including the prohibition of illicit discharges to the City's municipal separate storm sewer system; and

(g) In the event that any provision of its legal authority is found to be invalid, the City shall make necessary change(s) to maintain adequate legal authority.

3. SOURCE IDENTIFICATION

During the period beginning on the effective date and lasting through the expiration date of this permit:

(a) The City shall compile and submit any new source identification information, including the identification and mapping of storm sewer system outfalls, and significant changes affecting the City's separate storm system due to: land use activities, population estimates, runoff coefficients, major structural controls, landfills, publicly owned lands, and industries in the annual reports to the Department pursuant to Part A(8)(c) "Annual Progress Report" of this permit.

(b) The City shall provide, **no later than 3 months** after the issuance of this permit, an inventory of industries organized by watershed with facility name, address, and description (which best reflects the principle products or services provided by each facility) which may discharge to the M.S.S.S.S., and submit this inventory with annual reports to the Department pursuant to Part A(8)(c) "Annual Progress Reports" of this permit.

4. DISCHARGE CHARACTERIZATION

This permit establishes monitoring requirements for the City as set forth below.

For all storm water discharges covered under this permit, a water quality-based effluent limitation may be required under applicable state and federal law when necessary to ensure that water quality standards and designated use(s) of the receiving water are attained. Discharge(s) of storm water covered under this permit shall not cause a violation of water quality criteria as prescribed in 25 Pa. Code Chapters 16 and 93.

During the period beginning on the effective date and lasting through the expiration date of this permit, the City shall:

(i) Submit quantitative data on physical and chemical characteristics to the Department, annually, for 5 representative outfalls identified in the City's Part 2 storm water application;

(ii) Collect annually, samples of storm water discharges for each representative outfall above, from three storm events occurring at least one month apart in accordance with requirements at 40 CFR 122.21(g)(7). All samples shall be collected following a storm event that is equal or greater than

0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (0.1 inch rainfall) storm event. The Department may allow exemptions to sampling three storm events when climate conditions create good cause for such exemptions. Flow rates shall be estimated at points where discrete samples are taken.

(iii) Submit above collected samples for analysis according to methods listed under 40 CFR Part 136 for the following pollutants:

BOD-5	Silver, Total ✓
COD ✓	Thallium, Total ✓
Total Kjeldahl Nitrogen (TKN) ✓	Zinc, Total ✓
Nitrate ✓	Cyanide, Total (Grab) ✓
Total Ammonia plus Organic Nitrogen ✓	Phenols, Total (Grab) ✓
Antimony Total ✓	Total Phosphorous ✓
Arsenic, Total	Dissolved Phosphorus ✓
Beryllium, Total ✓	Total Suspended Solids (TSS) ✓
Cadmium, Total ✓	Total Dissolved Solids ✓
Chromium, Total ✓	Oil and Grease (Grab) ✓
Copper, Total ✓	pH (Grab) ✓
Mercury, Total ✓	Fecal Coliform (Grab) ✓
Nickel, Total ✓	Fecal Streptococcus (Grab) ✓
Selenium, Total ✓	

(iv) Collect samples of storm water discharges for each representative outfall above, from three storm events during the term of the permit, occurring at least one month apart in accordance with requirements at 40 CFR 122.21(g)(7). One storm sampling event must occur during the first, third and fifth year of the permit term. All samples shall be collected following a storm event that is equal or greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (0.1 inch rainfall) storm event. The Department may allow exemptions to sampling three storm events when climate conditions create good cause for such exemptions. Flow rates shall be estimated at points where discrete samples are taken.

Submit samples for analysis according to methods listed under 40 CFR Part 136 for the following pollutants:

VOLATILES

Acrolein ✓
Acrylonitrile ✓
Benzene ✓
Bromoform ✓
Carbon Tetrachloride ✓
Chlorobenzene ✓
Chlorodibromomethane ✓
Chloroethane ✓
2-Chloroethylvinyl Ether ✓
Chloroform ✓
Dichlorobromomethane ✓
1,1-Dichloroethane ✓
1,2-Dichloroethane ✓
1,1-Dichloroethylene ✓

1,2-Dichloropropane ✓
1,3-Dichloropropylene ✓
Ethylbenzene ✓
Methyl Bromide ✓
Methyl Chloride ✓
Methylene Chloride ✓
1,1,2,2-Tetrachloroethane ✓
Tetrachloroethylene ✓
Toluene ✓
1,2-Trans-dichloroethylene ✓
1,1,1-Trichloroethane ✓
1,1,2-Trichloroethane ✓
Trichloroethylene ✓
Vinyl Chloride ✓

ACID COMPOUNDS

2-Chlorophenol ✓
2,4-Dichlorophenol ✓
2,4-Dimethylphenol ✓
4,6-Dinitro-o-cresol ✓
2,4-Dinitrophenol ✓
2-Nitrophenol ✓

4-Nitrophenol ✓
P-chloro-m-cresol ✓
Pentachlorophenol ✓
Phenol ✓
2,4,6-Trichlorophenol ✓

BASE/NEUTRAL

Acenaphthene ✓
Acenaphthylene ✓
Anthracene ✓
Benzidine ✓
Benzo(a)anthracene ✓
Benzo(a)pyrene ✓
3,4-Benzofluoranthene ✓
Benzo(ghi)perylene ✓
Benzo(k)fluoranthene ✓
Bis(2-chloroethoxy)methane ✓
Bis(2-chloroethoxy)ether ✓

Diethyl Phthalate ✓
Dimethyl Phthalate ✓
Di-n-butyl Phthalate ✓
2,4-Dinitrotoluene ✓
2,6-Dinitrotoluene ✓
Di-n-octyl Phthalate ✓
1,2-Diphenylhydrazine (as Azobenzene) ✓
Fluoranthene ✓
Fluorene ✓
Hexachlorobenzene ✓
Hexachlorobutadiene ✓

Bis(2)chloroisopropyl)ether ✓
 Bis(2-ethylhexyl)phthalate ✓
 4-Bromophenyl Phenyl Ether ✓
 Butylbenzyl Phthalate ✓
 2-Chloronaphthalene ✓
 4-Chlorophenyl Phenyl Ether ✓
 Chrysene ✓
 Dibenzo(a,h)anthracene ✓
 1,2-Dichlorobenzene ✓
 1,3-Dichlorobenzene ✓
 1,4-Dichlorobenzene ✓
 3,3'-Dichlorobenzidine ✓

Hexachlorocyclopentadiene ✓
 Hexachloroethane ✓
 Indeno(1,2,3-cd)pyrene ✓
 Isophorone ✓
 Napthalene ✓
 Nitrobenzene ✓
 N-nitrosodimethylamine ✓
 N-nitrosodi-n-propylamine ✓
 N-nitrosodiphenylamine ✓
 Phenanthrene ✓
 Pyrene ✓
 12,4-Trichlorobenzene ✓

PESTICIDES

Aldrin ✓
 Alpha-BHC ✓
 Beta-BHC ✓
 Gamma-BHC ✓
 Delta-BHC ✓
 Chlordane ✓
 4,4'-DDT ✓
 4,4'-DDE ✓
 4,4'-DDD ✓
 Dieldrin ✓
 Alpha-endosulfan ✓
 Beta-endosulfan ✓
 Endosulfan Sulfate ✓

Endrin ✓
 Endrin Aldehyde ✓
 Heptachlor ✓
 Heptachlor Epoxide ✓
 PCB-1242 ✓
 PCB-1254 ✓
 PCB-1221 ✓
 PCB-1232 ✓
 PCB-1248 ✓
 PCB-1260 ✓
 PCB-1016 ✓
 Toxaphene ✓

(v) Provide a description, for each storm event, of the date, duration of the storm event(s) sampled, and rainfall intensity which generated the sampled discharge;

(vi) When the City is unable to collect samples due to adverse climatic conditions, the City must submit, in lieu of sampling data, a description of why samples could not be collected, including available documentation of the event. Adverse climatic conditions which may prohibit the collection of samples include weather conditions that create dangerous conditions for personnel (such as local flooding, high winds, hurricane, tornadoes, electrical storms, etc.) or otherwise make the collection of a sample impracticable (drought, extended frozen conditions, etc.). This information shall be submitted in the annual reports to the Department pursuant to Part A(8)(c) "Annual Progress Reports" of this permit;

(vii) **No later than 3 years** after the issuance of this permit, estimate annual, seasonal pollutant loads and estimates of the event mean concentrations for all storm water outfalls identified in the City's Part 2 storm water application, using data collected and submitted with annual reports to the Department pursuant to Part A(8)(c) "Annual Progress Reports";

(viii) The Department may require quantitative data for additional parameters and/or may establish sampling conditions such as location, season of sample collection, or form of precipitation necessary to insure representativeness.

5. STORM WATER MANAGEMENT PROGRAM

During the period beginning on the effective date and lasting through the expiration date of this permit, the City shall implement a storm water management program consistent with applicable State and Federal laws, and:

- (a) Maintain and implement on a system-wide basis, watershed basis, jurisdiction basis or on an individual basis the storm water management program as proposed in the City's Part 2 storm water application to control and/or reduce the discharge of pollutants into the system to the maximum extent practicable;
- (b) Provide a description of a comprehensive program to monitor and control to the maximum extent practicable, pollutants in runoff to the City's municipal system from operating or closed municipal landfills, hazardous waste treatment sites, industrial facilities that are subject to Section 313, Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), storage, recovery or disposal facilities for municipal wastes, and industrial sites that handle, store, or transport toxics or hazardous materials, that the City determines are contributing a substantial pollutant loading to its system;
- (c) Provide an assessment of the effects of operating and maintaining public streets, roads and highways and procedures for reducing or controlling potential impacts on receiving waters from the municipal storm sewer system, including pollutants discharged as a result of de-icing activities;
- (d) Provide a description of a monitoring program for storm water discharges associated with industrial activities;
- (e) Provide a description of a comprehensive program to detect and eliminate dumping or disposal of materials other than storm water into the City's system;

- (f) Provide a description of a comprehensive program, including inspections, to implement and enforce an ordinance, order or by a similar means to prevent new and/or to remove existing illicit discharges from connecting to the City's municipal storm sewer system;
- (g) Provide a description of procedures to prevent, contain, and respond to spills that may discharge into the municipal storm sewer system;
- (h) Provide a description of a comprehensive program for control of residential, commercial, and industrial land uses. The program shall also include assessment of pesticide, herbicide, and fertilizer use that may discharge into the municipal storm sewer system;
- (i) Provide a description of a comprehensive program to implement and maintain structural and non-structural best management practices to reduce pollutants in storm water runoff from construction sites to the municipal separate storm sewer system;
- (j) Conduct preventive maintenance inspections of all storm water management facilities at least on a triennial basis. Inspections, necessary corrective action, and enforcement actions shall be documented and summarized in annual progress reports to the Department pursuant to Part A(8)(c) "Annual Progress Reports" of this permit.

6. ASSESSMENT OF CONTROLS

During the period beginning on the effective date and lasting through the expiration date of this permit, **the City shall:**

- (i) **Within the last 3 years** of the permit term, estimate the reduction in loading of pollutants for all storm water outfalls identified in the City's Part 2 storm water application, using data collected as a result of long-term monitoring and submitted with annual reports to the Department pursuant to Part A (8)(c) "Annual Progress Reports" of this permit. These assessments shall also identify known impacts of storm water; and
- (ii) Assess the effectiveness of its storm water management program, including street sweeping, litter control, de-icing procedures, and the application of herbicides for vegetation control on storm water discharges. This assessment shall include an analysis of alternative practices for reducing pollutants associated with road maintenance activities;
- (iii) Maintain an acceptable Erosion and Sediment (E & S) control program for areas, which due to topography, activities, or other factors, have a potential for significant soil erosion in accordance with 25 Pa. Code Chapter 102 and the Bureau of Land and Water Conservation's "Erosion and Sediment Pollution Control Program Manual"; and

(iv) Effectively prohibit non-storm water discharge through its municipal separate storm sewer system, except non-storm water discharges as provided in Part C(1) of this permit. The discharge of storm water containing pollutants which have not been reduced to the maximum extent practicable is prohibited.

7. FISCAL ANALYSIS

During the period beginning on the effective date and lasting through the expiration date of this permit, the City shall:

(i) Maintain necessary capital, operation and maintenance expenditures needed to accomplish the activities of the storm water program and the conditions of this permit; and

(ii) Maintain sufficient financial resources to complete storm water activities required in this permit and comply with state and federal storm water regulations.

8. REPORTING REQUIREMENTS

a. Reporting of Monitoring Requirements

(i) Monitoring results shall be summarized on a Discharge Monitoring Report (DMR) Form and where appropriate, in annual reports" to the Department pursuant to Part A(8)(c) "Annual Progress Reports" of this permit. (The original DMR Form(s) attached are to serve as the master copy.) A signed copy of the DMR Form and all other reports required herein, shall be submitted to the Northeast Regional Office of the Bureau of Water Management, 2 Public Square, Wilkes-Barre, PA 18711-0790.

b. Non-Compliance Reporting:

(1) Required Reporting. The City shall report non-compliance to the Department in accordance with the following:

(a) 24-Hour Oral Reporting - the permittee shall give at least a 24-hour advance notice to the Department of any planned changes that may result in non-compliance with permit requirements. The City shall also report non-compliance with any term or condition of this permit, and any statute, rule, or regulation, to the Department within 24 hours of becoming aware of the non-compliance.

(b) Follow-up Written Reporting - where the City orally reports the information in Part A(8)(b)(1)(a) within the previously mentioned 24-hour time period, a written report outlining the reported information must be completed, kept on file, and submitted to the Department upon request.

(c) Non-compliance reporting pursuant to Part A(8)(b)(1)(a&b) shall not excuse the City from immediate notification to the Department of incidents causing or threatening pollution pursuant to 25 Pa. Code §101.2(a).

(2) Required Information. The reports and notifications required in Part A(8)(b)(1) above shall contain the following information:

- (a) An explanation of the cause of non-compliance;
- (b) The period of non-compliance, including exact dates and times and the anticipated time when the city will return to compliance; and
- (c) Steps being taken to reduce, eliminate, and prevent recurrence of the non-complying event.

c. Annual Progress Reports

Annual progress reports required under 40 CFR 122.226(c) to facilitate the long-term assessment of the City's NPDES storm water program shall be submitted to the Northeast Regional Office of the Bureau of Water Management, 2 Public Square, Wilkes-Barre, PA 18711-0790, by the anniversary date of this permit issuance for each year of the permit term. As a minimum, reports shall include:

- (i) The status of implementing components of the City's storm water management program that are required in Part (A)(5) of this permit;
- (ii) Proposed changes to the City's storm water management as required in Part A(5) of this permit;
- (iii) Revisions, if necessary, to the controls required in Part A(6) and the fiscal analysis required in Part A(7) of this permit;
- (iv) Summary of data, including monitoring data, that are accumulated throughout the reporting year;
- (v) Projected annual expenditures and budget for the year following each annual report;

(vi) A summary describing the number and nature of enforcement actions, inspections, and public education program; and

(vii) Identification of water quality improvements or degradation within the City's incorporated boundary.

PART B
STANDARD CONDITIONS

1. MANAGEMENT REQUIREMENTS

a. Permit Modification, Termination, or Revocation and Reissuance

(1) This permit may be modified, suspended, revoked and reissued, or terminated during its term for any of the causes specified in 25 Pa. Code Chapter 92.

(2) The filing of a request by the City for a permit or coverage modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated non-compliance, does not stay any permit condition.

b. Duty to Provide Information

(1) The City shall furnish to the Department, within a reasonable time, any information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or coverage approved under this permit, or to determine compliance with this permit.

(2) The City shall furnish to the Department, upon request, copies of records required to be kept by this permit.

(3) When the City becomes aware that it failed to submit any relevant facts or submitted incorrect information to the Department, the City shall promptly correct such submitted information.

c. Signatory Requirements

All applications, Preparedness, Prevention and Contingency Plans, reports, certifications, notifications or information either submitted to the Department, or that this permit requires be maintained by the City, shall be signed by either a principal executive officer or ranking elected official, or by a duly authorized representative of that person.

A person is a duly authorized representative only if:

(a) The authorization is made in writing by a person described above and submitted to the Department with the reports.

(b) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of manager, operator, superintendent, or position of equivalent responsibility or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position).

(3) Changes in Authorization. If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the City's system, a new authorization satisfying the requirements of Part B.1.c must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.

d. Transfer of Ownership or Control

(1) This permit is not transferable to any person except after notice to the Department.

(a) In the event of any pending change in control or ownership of the City's system from which the authorized discharges emanate, the City shall notify the Department by letter of such pending change at least 30 days prior to the change in ownership or control.

(b) The letter shall be accompanied by a written agreement between the City and the new owner or operator stating that the City shall be liable for violations of the permit up to and until the date of coverage transfer and that the new owner or operator shall be liable for permit violations under the permit from that date on.

(c) After receipt of the previously mentioned documentation, the Department shall notify the City and the new owner or controller of its decision concerning approval of the transfer. Such requests shall be deemed approved unless the Department notifies the City otherwise within 30 days.

e. Removal Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters or drinking water shall be managed and disposed of in accordance with the requirements of the Solid Waste Management Act, 35 P.S. §6018.101, et seq., and in a manner such as to prevent any pollutant from such materials from adversely affecting the environment.

f. Construction, Operation, and Maintenance

The City shall design and build and, at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances), including Best Management Practices (BMPs) such as PPC Plans, E & S Plans, and any other storm water pollution prevention or management plans, which are installed or used by the City to achieve compliance with the conditions of this permit. BMPs shall be designed, implemented, and maintained to minimize or eliminate impacts from storm water runoff. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance requires the operation of backup or auxiliary facilities or similar systems, installed by the City only when necessary to achieve compliance with the conditions of this permit.

g. Adverse Impact

The City shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

h. Reduction, Loss, or Failure of the Treatment Facilities or Operational Controls

Upon reduction, loss or failure of the City's treatment facilities or other operational controls, in order to maintain compliance with its permit, the City shall control all discharges until either the facility or operational controls are restored or an alternative method of treatment or control is provided. This requirement applies in the situation where, among other things, the primary source of power for the City's treatment facility or other controls is reduced, lost, or failed.

2. RESPONSIBILITIES

a. Duty to Comply

The City must comply with all terms and conditions of this permit. Any permit non-compliance constitutes a violation of the Pennsylvania Clean Streams Law and the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit or permit renewal.

b. Penalties for Violations of Permit Conditions

(1) Criminal.

(a) **Negligent Violations.** The CWA provides that any person who negligently violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both. In addition, Section 602 of the Clean Streams Law provides criminal penalties for violations of permit conditions.

(b) **Knowing Violations.** The CWA provides that any person who knowingly violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Act is subject to a fine of not less than \$5,000 nor more than \$50,000 per day of violation, or by imprisonment for not more than 3 years, or both. In addition, Section 602 of the Clean Streams Law provides criminal penalties for violations of permit conditions.

(c) **Knowing Endangerment.** The CWA provides that any person who knowingly violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Act and who knows at that time that he is placing another person in imminent danger of death or serious bodily injury is subject to a fine of not more than \$250,000, or by imprisonment for not more than 15 year, or both. In addition, Section 602 of the Clean Streams Law provides criminal penalties for violations of permit conditions.

(d) **False Statement.** The Clean Water Act provides that any person who knowingly makes any false material statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under the Act or who knowingly falsifies, tampers with, or renders inaccurate, any monitoring device or method required to be maintained under the Act, shall upon conviction, be punished by a fine of not more than \$10,000 or by imprisonment for not more than 2 years, or both. If a conviction is for a violation committed after a first conviction of such person under this paragraph, punishment shall be by a fine of not more than \$20,000 per day of violation, or by imprisonment for not more than 4 years, or by both. (See Section 309(c)(4) of the Clean Water Act). In addition, the provisions of the Pennsylvania Crimes Code relating to False Swearing and Unsworn Falsification provide criminal sanctions for such actions. See 18 Pa. C.S. §§4903-4904.

(2) **Civil Penalties.** The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Act is subject to a civil penalty not to exceed \$25,000 per day for each violation. In addition, Section 605 of the

Pennsylvania Clean Streams Law provides for penalties up to \$10,000 a day for violations of permit conditions, for each separate offense.

(3) Administrative Penalties. The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Act is subject to an administrative penalty, as follows:

(a) Class I penalty. Not to exceed \$10,000 per violation nor shall the maximum amount exceed \$25,000.

(b) Class II penalty. Not to exceed \$10,000 per day for each day during which the violation continues nor shall the maximum amount exceed \$125,000.

c. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the City in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

d. Penalties and Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the City from any responsibilities, liabilities, or penalties to which the City is or may be subject under Section 311 of the CWA (33 U.S.C. §1321) or Section 106 of CERCLA.

e. Property Rights

The issuance of this permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

f. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

g. Other Laws

Nothing in this permit shall be construed to preclude the City of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Clean Water Act.

h. Right of Entry

Pursuant to Sections 5(b) and 305 of the Pennsylvania Clean Streams Law (35 P.S. §§691.1(b) and 691.305) and 25 Pa. Code Chapter 92, and §1917-A of the Administrative Code, the City shall allow the head of the Department, the EPA Regional Administrator, and/or an authorized representative of EPA, or, DEP, upon the presentation of credentials and other documents, as may be required by law, to:

- (1) Enter upon the City's premises where records must be kept under the conditions of this permit;
- (2) Have access to and copy at reasonable times, any records that must be kept under the terms and conditions of this permit;
- (3) Inspect any equipment (including monitoring and control equipment); and
- (4) Sample any discharge of storm water runoff.

i. Penalties for Falsification of Reports

Section 309(c)(4) of the Clean Water Act provides that any person who knowingly makes any false material statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000, or by imprisonment for not more than 2 years, or both. In addition, criminal sanctions are set forth for false swearing and unsworn falsification at 18 Pa. C.S. §§4903-4904.

j. Penalties for Falsification of Monitoring Systems

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by fines and imprisonment described in Section 309 of the

Clean Water Act. In addition, criminal sanctions are set forth for false swearing and unsworn falsification at 18 Pa. C.S. §§4903-4904.

3. DEFINITIONS

"Best Management Practices (BMPs)"

Schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce pollution to the waters of the Commonwealth. BMPs include PPC Plans, Erosion and Sedimentation Control Plans, Storm Water Management Act Plans, and other treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

"Code of Federal Regulations (CFR)"

A compilation of all Federal regulations implementing the various Federal acts.

"Co-Permittee"

A discharger of storm water associated with industrial activity who is jointly and severally responsible for compliance with all conditions of the permit and applicable laws with another entity for a discharge to surface waters of the Commonwealth from its industrial activity. Each co-permittee shall only be responsible for storm water discharge(s) from activities owned and/or operated by such co-permittee.

"Department"

The Department of Environmental Protection of the Commonwealth.

"Director"

The Secretary of the Department of Environmental Protection, or any authorized employee thereof.

"Effluent Limitation"

Any restrictions imposed by the Department on quantities, discharge rates, and concentrations of "pollutants" which are "discharged" from "point sources" into "surface waters of the Commonwealth."

"Grab Sample"

A single "dip and take" sample collected at a representative point in the discharge stream.

"Large and Medium Municipal Separate Storm Sewer System"

All municipal separate storm sewers that are either:

- (a) Located in an incorporated place with a population of 100,000 or more as determined by the latest Decennial Census by the Bureau of Census; or
- (b) Located in the counties with unincorporated urbanized populations of 100,000 or more, except municipal separate storm sewers that are located in the incorporated places, townships or towns within such counties; or
- (c) Owned or operated by a municipality other than those described in paragraph (a) or (b) and that are designated by the Department as part of the large or medium municipal separate storm sewer system.

"Major Municipal Separate Storm Sewer Outfall"

Municipal separate storm sewer outfall that discharges from a circular pipe with a diameter of more than 36 inches or its equivalent. Equivalency may be based on a drainage area of 50 or more acres associated with a discharge from other than a circular pipe or the trapezoidal, rectangular, and triangular equivalent size open channel. For municipal separate storm sewers that receive storm water from lands zoned for industrial activity (based on comprehensive zoning plans or the equivalent), an outfall that discharges from a pipe with a diameter of greater than 12 inches or its equivalent is a major outfall. Equivalency may be based on a drainage area of 2 or more acres associated with a discharge from other than a circular pipe or the trapezoidal, rectangular, and triangular equivalent size open channel.

"Municipal Separate Storm Sewer"

Conveyance or system of conveyances (including public conveyances and public roads with drainage systems) that is owned or operated by a city, town, borough, county, parish, district, association, or other public body created by or pursuant to State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Section 208 of the Clean Water Act (CWA) that discharges to waters of the United States and that is

designed solely for collecting or conveying storm water that is not part of a publicly owned treatment works (POTW) as defined by 40 CFR 122.2.

"Municipality"

Any county, city, borough, town, township, school district, institution or any authority created by one or more of the foregoing. For the purposes of this definition, a town shall mean an unincorporated town.

"Outfall" or "Point Source"

Point source as defined by 25 Pa. Code §92.1 which is any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, vessel, or other floating craft from which pollutants are or may be discharged.

"Person"

Any natural person, partnership, association, corporation, business organization, or any agency, instrumentality or entity of Federal or State Government. Whenever used in any clause prescribing and imposing a penalty, or imposing a fine or imprisonment or both, the term "person" shall not exclude the members of an association and the directors, officers, or agents of a corporation.

"Runoff Coefficient"

The fraction of total rainfall that will appear at a conveyance as runoff.

"Significant Materials"

Includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of CERCLA; any chemical the facility is required to report pursuant to Section 313 of Title III of SARA; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges.

"Significant Spills"

Includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under Section 311 of the CWA (see 40 C.F.R. Section 110.10 and 40 C.F.R. Section 117.21) or Section 102 of CERCLA (see 40 C.F.R. Section 302.4)

"Storm Water"

Storm water runoff, snow melt runoff, and surface runoff and drainage.

"Storm Water Associated With Industrial Activity"

For purposes of this permit, the discharge from any conveyance which is used for collecting and conveying storm water and which is directly related to manufacturing, processing or raw materials storage areas at an industrial plant into surface waters of the Commonwealth. The term does not include discharges from facilities or activities excluded from the NPDES Program. For the categories of industries identified in subparagraphs (1) through (9) of this subsection, the term includes, but is not limited to, storm water discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility material handling sites; refuse sites, including trash transfer stations, waste drop off sites, and waste processing facilities; sites used for the application or disposal of process waste waters (as defined at 40 C.F.R. Part 401); sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and finished products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. For the categories of industries identified in subparagraph (10), the term includes only storm water discharges from all areas listed in the previous sentence (except access roads) where material handling equipment or activities, raw materials, manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and finished products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. For the categories of industries identified in subparagraph (10), the term includes only storm water discharges from all areas listed in the previous sentence (except access roads) where material handling equipment or activities, raw materials, intermediate products, final products, waste materials, byproducts, or industrial machinery are exposed to storm water. For the purposes of this paragraph, material handling activities include the: storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, finished product, by-product, or waste product. The term excludes areas located on plant

lands separate from the plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with storm water drained from the above described areas. Industrial facilities (including industrial facilities that are Federally, State, or municipally owned or operated that meet the description of a facility listed in paragraphs (1)-(10)) include those facilities designated under 40 C.F.R. Section 122.26(a)(1)(v). The following categories of facilities are considered to be engaging in "industrial activity":

- (1) Facilities subject to storm water effluent limitations guidelines, new source performance standards, or toxic pollutant effluent standards under 40 C.F.R. Subchapter N (except facilities with toxic pollutant effluent standards which are exempted as described under 10 below);
- (2) Facilities classified as Standard Industrial Classifications 24 (except 2434), 26 (except 265 and 267), 28 (except 283 and 285), 29, 311, 32 (except 323), 33, 3441, 373;
- (3) Facilities classified as Standard Industrial Classifications 10 through 14 (Mineral Industry), including active or inactive mining operations (inactive mining operations are mining sites that are not being actively mined, but which have an identifiable owner/operator), and oil and gas exploration, production, processing, treatment operations, or transmission facilities, that discharge storm water contaminated by contact with, or that has come into contact with, any overburden, raw material, intermediate products, finished products, byproducts, or waste products located on the site of such operations. This category does not include: (1) storm water discharges emanating from coal (anthracite and bituminous) mining activities subject to the effluent limits set forth in 25 Pa. Code Chapters 86-90, including discharges from coal mining activities that have obtained Stage II bond release pursuant to the standards set forth in 25 Pa. Code § 86.174; (2) storm water discharges emanating from surface non-coal mining activities subject to the effluent limitations set forth in 25 Pa. Code Chapter 77, including discharges from non-coal surface mines that have been released from reclamation requirements under the Noncoal Surface Mining Conservation and Reclamation Act and regulations promulgated thereto, after December 17, 1990; and (3) any other storm water discharges from active and inactive coal mining activities and noncoal surface mining sites which are covered under an individual NPDES permit issued as part of a coal mining activity or noncoal surface mining permit in the Commonwealth;
- (4) Hazardous waste treatment, storage, or disposal facilities, including those that are operating under interim status or a permit under Subtitle C of RCRA;
- (5) Landfills, and land application sites, that have received any industrial wastes (waste that is received from any of the facilities described under this subsection) including those that are subject to regulation under Subtitle D of RCRA;

- (6) Facilities involved in the recycling of materials, including metal scrapyards, recycling centers, scrap metal processors, battery reclaimers, salvage yards, automobile yards, and other automotive dismantlers and recyclers, including but limited to those classified as Standard Industrial Classification 5015 and 5093;
- (7) Steam electric power generating facilities, including coal handling sites;
- (8) Transportation facilities classified as Standard Industrial Classifications 40, 41, 42 (except 4221-4225), 43, 44, 45 and 5171 which have vehicle maintenance shops, equipment cleaning operations, or airport deicing operations;
- (9) Treatment works treating domestic sewage, or any other sewage sludge or wastewater treatment device or system, used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, with a design flow of 1.0 million gallons per day (mgd) or more, or required to have an approved pretreatment program under 40 C.F.R. Part 403. Not included are farm lands, domestic gardens or lands used for sludge management where sludge is beneficially reused and which are not physically located in the confines of the facility, or areas that are in compliance with 40 C.F.R. Part 503. This category does not include Publicly Owned Treatment Works (POTWs) serving a population less than 100,000 which are not required to apply for and obtain NPDES permits for storm water discharges not covered under their existing NPDES permits pursuant to Section 1068(c) of the federal Intermodal Surface Transportation Efficiency Act of 1991; and
- (10) Facilities under Standard Industrial Classifications 20, 21, 22, 23, 2434, 25, 265, 267, 27, 283, 285, 30, 31 (except 311), 323, 34 (except 3441), 35, 36, 37, (except 373), 38, 39, 4221-25, (and which are not otherwise included within categories (1)-(9)). The term includes only storm water discharges from all areas listed (except access roads) where material handling equipment or activities, raw materials, intermediate products, final products, waste materials, byproducts, or industrial machinery are exposed to storm water.

"Surface Waters of the Commonwealth"

Any and all rivers, streams, creeks, rivulets, impoundments, ditches, water courses, storm sewers, lakes, dammed water, ponds, springs and all other bodies or channels of conveyance of surface water, or parts thereof, including wetlands, whether natural or artificial, within or on the boundaries of this Commonwealth.

PART C

OTHER CONDITIONS

1. PROHIBITION OF NON-STORM WATER DISCHARGES

a. Except as provided in paragraph C.1.a.(2) (below), all discharges covered by this permit shall be composed entirely of storm water.

(1) Except as provided in paragraph C.1.a.(2) (below), discharges of material other than storm water must be in compliance with an NPDES permit (other than this permit) issued for the discharge.

(2) The following non-storm water discharges may be authorized by this permit: discharges from fire fighting activities; fire hydrant flushings; potable water sources including waterline flushings; irrigation drainage; lawn watering; routine external building washdown which does not use detergents or other compounds; pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used; air conditioning condensate; springs; uncontaminated ground water; and foundation or footing drains where flows are not contaminated with process materials such as solvents.

2. SPILLS

This permit does not authorize the discharge of any toxic or hazardous substance or oil resulting from an on-site spill.

3. ADDITIONAL REQUIREMENTS FOR SALT STORAGE FROM INDUSTRIAL ACTIVITY WITHIN THE CITY'S MUNICIPAL SEPARATE STORM SEWER SYSTEM

Facilities within the City's incorporated boundary with storage piles of salt used for deicing or other commercial or industrial purposes and which generate a storm water discharge associated with industrial activity which is discharged to City's municipal separate storm sewer system shall be enclosed or covered to prevent exposure to precipitation, except for exposure resulting from adding or removing materials from the pile. Existing industrial facilities shall demonstrate compliance with this provision as expeditiously as practicable, but in no event later than three years after the date of issuance of the facility's permit. All new discharges must meet this requirement upon approval. Piles do not need to be enclosed or

covered where storm water from the pile is not discharged to surface waters of the Commonwealth.

4. CERTIFICATION. Any person signing documents under this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

BFB:smd

WP: CTYOFAL-2003.DOC

H: 4/24/03, T(D): 4/29/03, R(F): 5/19/03, R(D): 7/14/03, R(F): 4/15/04

**Additional Instruction for Utilizing
The National Pollutant Discharge Elimination System
DISCHARGE MONITORING REPORT 3320**

The attached originals of the NPDES Discharge Monitoring Report (3320), have been provided to you as a master. The permit establishes specific effluent monitoring and reporting requirements and these values are repeated on the original Discharge Monitoring Report provided for you.

Your reports are to be submitted by utilizing copies of the attached forms. Do not write on or send the attached originals, but rather (1) make copies of them, (2) fill out the copies as appropriate, (3) make the necessary copies of the completed (filled out) form, and (4) submit these copies to the appropriate EPA and State offices as provided in the permit.

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665
PERMIT NUMBER

DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)			
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
C-Biochemical Oxygen Demand (5-Day)	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP			
COD	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP			
Total Kjeldahl Nitrogen (TKN)	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP			
Nitrate	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	SU		(*)	COMP			
Total Ammonia plus Organic Nitrogen	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP			
Antimony, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP			
Arsenic, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY, OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE				
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO	DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)														

PERMITTEE NAME/ADDRESS (Include
Facility Name/Location if different)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

PA-0063665

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

FROM

TO

(20-21)

(22-23)


(24-25)

(26-27)

(28-29)

(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53)			QUANTITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Beryllium, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
Cadmium, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
Chromium, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
Copper, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	SU		(*)	COMP
Mercury, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
Nickel, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
Selenium, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1519 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE	
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(*) Samples shall be collected in compliance with specified NPDES permit requirements.

Form Approved.
OMB No. 2040-0004
Approval expires 9-30-85

PERMITTEE NAME/ADDRESS (Include
Facility Name/Location if different)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

PA-0063665

PERMIT NUMBER

DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 9-30-85

MONITORING PERIOD

FROM

TO

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (54-61)			QUANTITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (46-53)	AVERAGE (46-53)	MAXIMUM (54-61)				UNITS (54-61)
Silver, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP	
Thallium, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP	
Zinc, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP	
Cyanide, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	GRAB	
Phenols, Total	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML	(*)	GRAB	
Total Phosphorous	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP	
Dissolved Phosphorus	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)</p>						TELEPHONE		DATE	
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665
PERMIT NUMBER

DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD						
FROM			TO			
YEAR	MO	DAY	YEAR	MO	DAY	
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)	

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)			
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
Total Suspended Solids (TSS)	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP			
Total Dissolved Solids	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP			
Oil and Grease	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	GRAB			
pH	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL		(*)	GRAB			
Fecal Coliform	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML		(*)	GRAB			
Fecal Streptococcus	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	GRAB			
Acrolein	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE				
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO	DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS. (Reference all attachments here).														

PERMITTEE NAME/ADDRESS (Include
Facility Name/Location if different)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

PA-0063665


PERMIT NUMBER

DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 9-30-85

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
			FROM			TO
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (54-61)			QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (55-62)	AVERAGE (46-53)	MAXIMUM (54-61)			
Acrylonitrile	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
Benzene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
Bromoform	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
Carbon Tetrachloride	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
Chlorobenzene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML	(*)	COMP
Chlorodibromomethane	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP
Chloroethane	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1339 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)				TELEPHONE		DATE		
TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665
PERMIT NUMBER

DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)				UNITS (54-61)	
2-Chloroethylvinyl Ether	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MGL	(*)	COMP		
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****					
Chloroform	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MGL	(*)	COMP		
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****					
Dichlorobromomethane	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MGL	(*)	COMP		
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****					
1, 1-Dichloroethane	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MGL	(*)	COMP		
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****					
1, 2-Dichloroethane	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	M/100 ML	(*)	COMP		
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****					
1, 1-Dichloroethylene	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MGL	(*)	COMP		
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****					
1, 2-Dichloropropane	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MGL	(*)	COMP		
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****					
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)				TELEPHONE		DATE				
TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO	DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)												

PERMITTEE NAME/ADDRESS (Include
Facility Name/Location if different)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

FACILITY

LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

PA-0063665

PERMIT NUMBER

DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 9-30-85


MONITORING PERIOD

FROM

TO

YEAR	MO	DAY	YEAR	MO	DAY
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-37)		QUANTITY OR LOADING (3 Card Only) (46-53)			QUANTITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)				
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS							
1, 3-Dichloropropylene	SAMPLE MEASUREMENT	*****	*****		*****		*****								
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP				
Ethylbenzene	SAMPLE MEASUREMENT	*****	*****		*****		*****								
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP				
Methyl Bromide	SAMPLE MEASUREMENT	*****	*****		*****		*****								
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP				
Methyl Chloride	SAMPLE MEASUREMENT	*****	*****		*****		*****								
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP				
Methylene Chloride	SAMPLE MEASUREMENT	*****	*****		*****		*****								
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML		(*)	COMP				
1,1,2,2-Tetrachloroethane	SAMPLE MEASUREMENT	*****	*****		*****		*****								
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP				
Tetrachloroethylene	SAMPLE MEASUREMENT	*****	*****		*****		*****								
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE				
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO	DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)															

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665	
PERMIT NUMBER	DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Toluene	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
1,2-Trans-dichloroethylene	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
1,1,1-Trichloroethane	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
1,1,2-Trichloroethane	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
Trichloroethylene	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML		(*)	COMP
Vinyl Chloride	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
2-Chlorophenol	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

TELEPHONE

DATE

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

AREA CODE

NUMBER

YEAR

MO

DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665
PERMIT NUMBER

DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD						
FROM			TO			
YEAR	MO	DAY	YEAR	MO	DAY	
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)	

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only (46-53) (54-61))			QUANTITY OR CONCENTRATION (4 Card Only (38-45) (46-53) (54-61))				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
2,4-Dichlorophenol	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
2,4-Dimethylphenol	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
4,6-Dinitro-o-cresol	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
2,4-Dinitrophenol	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
2-Nitrophenol	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	g/100 ML		(*)	COMP
4-Nitrophenol	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
P-chloro-m-cresol	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L		(*)	COMP
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE		
TYPED OR PRINTED											
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665	
PERMIT NUMBER	DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
			FROM			TO
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only) (46-53)			QUANTITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)			
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
Pentachlorophenol	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL		(*)	COMP			
Phenol GRAB	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL		(*)	GRAB			
2,4,6-Trichlorophenol	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL		(*)	COMP			
Acenaphthene	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL		(*)	COMP			
Acenaphthylene	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML		(*)	COMP			
Anthracene	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL		(*)	COMP			
Benzidine	SAMPLE MEASUREMENT	*****	*****		*****		*****							
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL		(*)	COMP			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY, OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE				
TYPED OR PRINTED:								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO	DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)														

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665
PERMIT NUMBER

DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

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PARAMETER (32-37)	X	QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-42)	AVERAGE (46-53)	MAXIMUM (54-61)				UNITS (54-61)
Benzo(a)anthracene	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MG/L	(*)	COMP	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****				
Benzo(a)pyrene	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MG/L	(*)	COMP	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****				
3,4-Benzofluoranthene	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MG/L	(*)	COMP	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****				
Benzo(ghi)perylene	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MGL	(*)	COMP	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****				
Benzo(k)fluoranthene	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	#100 ML	(*)	COMP	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****				
Bis(2-chloroethoxy)methane	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MG/L	(*)	COMP	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****				
Bis(2-chloroethyl)ether	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MG/L	(*)	COMP	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE		
TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)											

PERMITTEE NAME/ADDRESS (Include
Facility Name/Location if different)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

PA-0063665

PERMIT NUMBER

DISCHARGE NUMBER


Form Approved.
OMB No. 2040-0004
Approval expires 9-30-85

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
			TO			
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

FROM

TO

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUANTITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Bis(2-chloroisopropyl)ether	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Bis(2-ethylhexyl)phthalate	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
4-Bromophenyl Phenyl Ether	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Butylbenzyl Phthalate	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
2-Chloronaphthalene	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML	(*)	COMP	
4-Chlorophenyl Phenyl Ether	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Chrysene	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE		
TYPED OR PRINTED							NUMBER		YEAR MO DAY		
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						AREA CODE	NUMBER	YEAR	MO	DAY

(*) Samples shall be collected in compliance with specified NPDES permit requirements.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

Form Approved.
OMB No. 2040-0004
Approval expires 9-30-85

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665	
PERMIT NUMBER	DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY

FROM TO

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (54-61)			QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-43)	AVERAGE (46-53)	MAXIMUM (54-61)			
Dibenzo(a,h)anthracene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP
1,2-Dichlorobenzene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP
1,3-dichlorobenzene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP
1,4-Dichlorobenzene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP
3,3'-Dichlorobenzidine	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML	(*)	COMP
Diethyl Phthalate	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP
Dimethyl Phthalate	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MGL	(*)	COMP
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)						TELEPHONE		DATE	
TYPED OR PRINTED							AREA CODE		NUMBER	YEAR
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT										

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(*) Samples shall be collected in compliance with specified NPDES permit requirements.

PERMITTEE NAME/ADDRESS (Include
Facility Name/Location if different)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

PA-0063665

PERMIT NUMBER

DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 9-30-85

FACILITY
LOCATION

FROM

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
			TO			
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (34-61)			QUANTITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
Di-n-butyl Phthalate	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
2,4-Dinitrotoluene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
2,6-Dinitrotoluene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
Di-n-octyl Phthalate	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
1,2-Diphenylhydrazine (as Azobenzene)	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML	(*)	COMP
Fluoranthene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
Fluorene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE	
TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS. (Reference all attachments here)

(*) Samples shall be collected in compliance with specified NPDES permit requirements.

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

FACILITY
LOCATION

(2-16)

(17-19)

PA-0063665
PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
			FROM			TO

PARAMETER (32-37)	X	(1 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUANTITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Hexachlorobenzene	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Hexachlorobutadiene	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Hexachlorocyclopentadiene	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Hexachloroethane	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Ideno-1,2,3-cd)pyrene	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML	(*)	COMP	
Isophorone	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Napthalene	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)						TELEPHONE		DATE	
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665	
PERMIT NUMBER	DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

NOTE: Read instructions before completing this form.

PARAMETER (52-57)		QUANTITY OR LOADING (54-61)			QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
Nitrobenzene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
N-nitrosodimethylamine	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
N-nitrosodi-n-propylamine	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
N-nitrosodiphenylamine	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP
Phenathrene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML	(*)	COMP
Pyrene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP
1,2,4-Trichlorobenzene	SAMPLE MEASUREMENT	*****	*****		*****		*****			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 18 USC §1361 (Percolates under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

AREA CODE

NUMBER

YEAR

MO

DAY

PERMITTEE NAME/ADDRESS (Include
Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

Form Approved
OMB No. 2040-0004
Approval expires 9-30-85

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

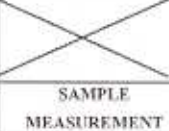
PA-0063665
PERMIT NUMBER

DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (46-53) (54-61)			QUANTITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
Aldrin	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MG/L	(*)	COMP
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****			
Alpha-BHC	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MG/L	(*)	COMP
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****			
Beta-BHC	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MG/L	(*)	COMP
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****			
Gamma-BHC	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MGL	(*)	COMP
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****			
Delta-BHC	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	#/100 ML	(*)	COMP
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****			
Chlordane	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MG/L	(*)	COMP
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****			
4,4'-DDT	SAMPLE MEASUREMENT	*****	*****	***	*****		*****	MG/L	(*)	COMP
	PERMIT REQUIREMENT	*****	*****		*****	REPORT	*****			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)				TELEPHONE		DATE		
TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)										

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665
PERMIT NUMBER

DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

FROM (20-21) (22-23) (24-25) TO (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-60P)	X	QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE (46-53)	MAXIMUM (54-55)	UNITS (56-57)	MINIMUM (58-59)	AVERAGE (60-61)	MAXIMUM (62-63)				UNITS (64-65)
4,4'-DDE	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
4,4'-DDD	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Dieldrin	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Alpha-endosulfan	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Beta-endosulfan	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML	(*)	COMP	
Endosulfan Sulfate	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
Endrin	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	MG/L	(*)	COMP	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE	
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665	
PERMIT NUMBER	DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (54-61)			QUANTITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		(3 Card Only 46-53)	AVERAGE	MAXIMUM	UNITS	(4 Card Only 38-45)	MINIMUM				AVERAGE
Endrin Aldehyde	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP	
Heptachlor	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP	
Heptachlor Epoxide	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP	
PCB-1242	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP	
PCB-1254	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****	#/100 ML	(*)	COMP	
PCB-1221	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP	
PCB-1232	SAMPLE MEASUREMENT	*****	*****		*****		*****				
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****		(*)	COMP	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 33 USC §1319 (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE	
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME City of Allentown
ADDRESS 112 Union Street
Allentown, PA 18102-4910

PA-0063665	
PERMIT NUMBER	DISCHARGE NUMBER

FACILITY
LOCATION

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY

FROM (20-21) (22-23) (24-25) TO (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only) (46-53)			QUANTITY OR CONCENTRATION (4 Card Only) (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
PCB-1248	SAMPLE MEASUREMENT	*****	*****		*****		*****	MG/L			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****			(*)	COMP
PCB-1260	SAMPLE MEASUREMENT	*****	*****		*****		*****	MG/L			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****			(*)	COMP
PCB-1016	SAMPLE MEASUREMENT	*****	*****		*****		*****	MG/L			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****			(*)	COMP
Toxaphene	SAMPLE MEASUREMENT	*****	*****		*****		*****	MG/L			
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	*****			(*)	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED:

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC §1001 AND 18 USC §1361 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

TELEPHONE

DATE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

AREA CODE

NUMBER

YEAR

MO

DAY



Pennsylvania Department of Environmental Protection

2 Public Square
Wilkes-Barre, PA 18711-0790

June 2, 2004

Northeast Regional Office

570-826-2511
Fax 570-830-3016

Mr. Robert Rost
City of Allentown
112 Union Street
Allentown, PA 18102

Re: Municipal Separate Storm Sewer System
City of Allentown
NPDES Permit No. PA 0063665
APS ID No. 464503
City of Allentown, Lehigh County

Dear Mr. Rost:

Enclosed you will find the revised pages 5 through 12 of the recently issued stormwater permit. The changes were made in response to our phone conversation of May 3, 2004 and your letter of May 21, 2004. The changes to the monitoring will bring the permit requirements in line with the sampling required in CFR 122.26(d)(2)(iii)(A)(1-3). The following changes were made to the permit:

- Sampling required in Part A, 4, (ii) was reduced from annually to three times during the term of the permit;
- Elimination of the requirement to conduct the three sampling events in the first, third and last year of the permit term. The three sampling events must be conducted during the term of the permit.
- Renumbering of paragraphs (v) through (ix); and
- Changing the Annual Report due date to 45 days of the anniversary date of permit issuance.

Please replace the pages of the permit with the enclosed revised pages.

If you have any questions, please call me at 570-826-2306.

Sincerely

Brian F. Busher, P.E.
Water Management Program

Enclosures

cc: U.S. Environmental Protection Agency
Delaware River Basin Commission



bcc: Wastewater Management
Monitoring & Compliance Section
File

KC:BB:smd

WP: 63665.doc.

H: 4/14/04, T(F): 4/15/04, R(F): 4/20/04, R(F): 4/22/04, R(F): 6/2/04

(g) In the event that any provision of its legal authority is found to be invalid, the City shall make necessary change(s) to maintain adequate legal authority.

3. SOURCE IDENTIFICATION

During the period beginning on the effective date and lasting through the expiration date of this permit:

(a) The City shall compile and submit any new source identification information, including the identification and mapping of storm sewer system outfalls, and significant changes affecting the City's separate storm system due to: land use activities, population estimates, runoff coefficients, major structural controls, landfills, publicly owned lands, and industries in the annual reports to the Department pursuant to Part A(8)(c) "Annual Progress Report" of this permit.

(b) The City shall provide, **no later than 3 months** after the issuance of this permit, an inventory of industries organized by watershed with facility name, address, and description (which best reflects the principle products or services provided by each facility) which may discharge to the M.S.S.S.S., and submit this inventory with annual reports to the Department pursuant to Part A(8)(c) "Annual Progress Reports" of this permit.

4. DISCHARGE CHARACTERIZATION

This permit establishes monitoring requirements for the City as set forth below.

For all storm water discharges covered under this permit, a water quality-based effluent limitation may be required under applicable state and federal law when necessary to ensure that water quality standards and designated use(s) of the receiving water are attained. Discharge(s) of storm water covered under this permit shall not cause a violation of water quality criteria as prescribed in 25 Pa. Code Chapters 16 and 93.

During the period beginning on the effective date and lasting through the expiration date of this permit, the City shall:

(i) Submit quantitative data on physical and chemical characteristics to the Department, annually, for 5 representative outfalls identified in the City's Part 2 storm water application;

(ii) Collect during the term of the permit, samples of storm water discharges for each representative outfall above, from three storm events occurring at least one month apart in accordance with requirements at 40 CFR 122.21(g)(7). All samples shall be collected following a storm event

that is equal or greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (0.1 inch rainfall) storm event. The Department may allow exemptions to sampling three storm events when climate conditions create good cause for such exemptions. Flow rates shall be estimated at points where discrete samples are taken.

(iii) Submit above collected samples for analysis according to methods listed under 40 CFR Part 136 for the following pollutants:

BOD-5	Silver, Total
COD	Thallium, Total
Total Kjeldahl Nitrogen (TKN)	Zinc, Total
Nitrate	Cyanide, Total (Grab)
Total Ammonia plus Organic Nitrogen	Phenols, Total (Grab)
Antimony Total	Total Phosphorous
Arsenic, Total	Dissolved Phosphorus
Beryllium, Total	Total Suspended Solids (TSS)
Cadmium, Total	Total Dissolved Solids
Chromium, Total	Oil and Grease (Grab)
Copper, Total	pH (Grab)
Mercury, Total	Fecal Coliform (Grab)
Nickel, Total	Fecal Streptococcus (Grab)
Selenium, Total	

(iv) Collect samples of storm water discharges for each representative outfall above, from three storm events during the term of the permit, occurring at least one month apart in accordance with requirements at 40 CFR 122.21(g)(7). All samples shall be collected following a storm event that is equal or greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (0.1 inch rainfall) storm event. The Department may allow exemptions to sampling three storm events when climate conditions create good cause for such exemptions. Flow rates shall be estimated at points where discrete samples are taken.

(v) Submit samples for analysis according to methods listed under 40 CFR Part 136 for the following pollutants:

VOLATILES

Acrolein	1,2-Dichloropropane
Acrylonitrile	1,3-Dichloropropylene
Benzene	Ethylbenzene
Bromoform	Methyl Bromide
Carbon Tetrachloride	Methyl Chloride
Chlorobenzene	Methylene Chloride
Chlorodibromomethane	1,1,2,2-Tetrachloroethane
Chloroethane	Tetrachloroethylene
2-Chloroethylvinyl Ether	Toluene
Chloroform	1,2-Trans-dichloroethylene
Dichlorobromomethane	1,1,1-Trichloroethane
1,1-Dichloroethane	1,1,2-Trichloroethane
1,2-Dichloroethane	Trichloroethylene
1,1-Dichloroethylene	Vinyl Chloride

ACID COMPOUNDS

2-Chlorophenol	4-Nitrophenol
2,4-Dichlorophenol	P-chloro-m-cresol
2,4-Dimethylphenol	Pentachlorophenol
4,6-Dinitro-o-cresol	Phenol
2,4-Dinitrophenol	2,4,6-Trichlorophenol
2-Nitrophenol	

BASE/NEUTRAL

Acenaphthene	Diethyl Phthalate
Acenaphthylene	Dimethyl Phthalate
Anthracene	Di-n-butyl Phthalate
Benzidine	2,4-Dinitrotoluene
Benzo(a)anthracene	2,6-Dinitrotoluene
Benzo(a)pyrene	Di-n-octyl Phthalate
3,4-Benzofluoranthene	1,2-Diphenylhydrazine (as Azobenzene)
Benzo(ghi)perylene	Fluoranthene
Benzo(k)fluoranthene	Fluorene
Bis(2-chloroethoxy)methane	Hexachlorobenzene
Bis(2-chloroethoxy)ether	Hexachlorobutadiene

Bis(2)chloroisopropyl)ether
Bis(2-ethylhexyl)phthalate
4-Bromophenyl Phenyl Ether
Butylbenzyl Phthalate
2-Chloronaphthalene
4-Chlorophenyl Phenyl Ether
Chrysene
Dibenzo(a,h)anthracene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
3,3'-Dichlorobenzidine

Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Naphthalene
Nitrobenzene
N-nitrosodimethylamine
N-nitrosodi-n-propylamine
N-nitrosodiphenylamine
Phenanthrene
Pyrene
12,4-Trichlorobenzene

PESTICIDES

Aldrin
Alpha-BHC
Beta-BHC
Gamma-BHC
Delta-BHC
Chlordane
4,4'-DDT
4,4'-DDE
4,4'-DDD
Dieldrin
Alpha-endosulfan
Beta-endosulfan
Endosulfan Sulfate

Endrin
Endrin Aldehyde
Heptachlor
Heptachlor Epoxide
PCB-1242
PCB-1254
PCB-1221
PCB-1232
PCB-1248
PCB-1260
PCB-1016
Toxaphene

(vi) Provide a description, for each storm event, of the date, duration of the storm event(s) sampled, and rainfall intensity which generated the sampled discharge;

(vii) When the City is unable to collect samples due to adverse climatic conditions, the City must submit, in lieu of sampling data, a description of why samples could not be collected, including available documentation of the event. Adverse climatic conditions which may prohibit the collection of samples include weather conditions that create dangerous conditions for personnel (such as local flooding, high winds, hurricane, tornadoes, electrical storms, etc.) or otherwise make the collection of a sample impracticable (drought, extended frozen conditions, etc.). This information shall be submitted in the annual reports to the Department pursuant to Part A(8)(c) "Annual Progress Reports" of this permit;

(viii) **No later than 3 years** after the issuance of this permit, estimate annual, seasonal pollutant loads and estimates of the event mean concentrations for all storm water outfalls identified in the City's Part 2 storm water application, using data collected and submitted with annual reports to the Department pursuant to Part A(8)(c) "Annual Progress Reports";

(ix) The Department may require quantitative data for additional parameters and/or may establish sampling conditions such as location, season of sample collection, or form of precipitation necessary to insure representativeness.

5. STORM WATER MANAGEMENT PROGRAM

During the period beginning on the effective date and lasting through the expiration date of this permit, the City shall implement a storm water management program consistent with applicable State and Federal laws, and:

(a) Maintain and implement on a system-wide basis, watershed basis, jurisdiction basis or on an individual basis the storm water management program as proposed in the City's Part 2 storm water application to control and/or reduce the discharge of pollutants into the system to the maximum extent practicable;

(b) Provide a description of a comprehensive program to monitor and control to the maximum extent practicable, pollutants in runoff to the City's municipal system from operating or closed municipal landfills, hazardous waste treatment sites, industrial facilities that are subject to Section 313, Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), storage, recovery or disposal facilities for municipal wastes, and industrial sites that handle, store, or transport toxics or hazardous materials, that the City determines are contributing a substantial pollutant loading to its system;

(c) Provide an assessment of the effects of operating and maintaining public streets, roads and highways and procedures for reducing or controlling potential impacts on receiving waters from the municipal storm sewer system, including pollutants discharged as a result of de-icing activities;

(d) Provide a description of a monitoring program for storm water discharges associated with industrial activities;

(e) Provide a description of a comprehensive program to detect and eliminate dumping or disposal of materials other than storm water into the City's system;

- (f) Provide a description of a comprehensive program, including inspections, to implement and enforce an ordinance, order or by a similar means to prevent new and/or to remove existing illicit discharges from connecting to the City's municipal storm sewer system;
- (g) Provide a description of procedures to prevent, contain, and respond to spills that may discharge into the municipal storm sewer system;
- (h) Provide a description of a comprehensive program for control of residential, commercial, and industrial land uses. The program shall also include assessment of pesticide, herbicide, and fertilizer use that may discharge into the municipal storm sewer system;
- (i) Provide a description of a comprehensive program to implement and maintain structural and non-structural best management practices to reduce pollutants in storm water runoff from construction sites to the municipal separate storm sewer system;
- (j) Conduct preventive maintenance inspections of all storm water management facilities at least on a triennial basis. Inspections, necessary corrective action, and enforcement actions shall be documented and summarized in annual progress reports to the Department pursuant to Part A(8)(c) "Annual Progress Reports" of this permit.

6. ASSESSMENT OF CONTROLS

During the period beginning on the effective date and lasting through the expiration date of this permit, **the City shall:**

- (i) **Within the last 3 years** of the permit term, estimate the reduction in loading of pollutants for all storm water outfalls identified in the City's Part 2 storm water application, using data collected as a result of long-term monitoring and submitted with annual reports to the Department pursuant to Part A (8)(c) "Annual Progress Reports" of this permit. These assessments shall also identify known impacts of storm water; and
- (ii) Assess the effectiveness of its storm water management program, including street sweeping, litter control, de-icing procedures, and the application of herbicides for vegetation control on storm water discharges. This assessment shall include an analysis of alternative practices for reducing pollutants associated with road maintenance activities;
- (iii) Maintain an acceptable Erosion and Sediment (E & S) control program for areas, which due to topography, activities, or other factors, have a potential for significant soil erosion in accordance with 25 Pa. Code Chapter 102 and the Bureau of Land and Water Conservation's "Erosion and Sediment Pollution Control Program Manual"; and

(iv) Effectively prohibit non-storm water discharge through its municipal separate storm sewer system, except non-storm water discharges as provided in Part C(1) of this permit. The discharge of storm water containing pollutants which have not been reduced to the maximum extent practicable is prohibited.

7. FISCAL ANALYSIS

During the period beginning on the effective date and lasting through the expiration date of this permit, the City shall:

(i) Maintain necessary capital, operation and maintenance expenditures needed to accomplish the activities of the storm water program and the conditions of this permit; and

(ii) Maintain sufficient financial resources to complete storm water activities required in this permit and comply with state and federal storm water regulations.

8. REPORTING REQUIREMENTS

a. Reporting of Monitoring Requirements

(i) Monitoring results shall be summarized on a Discharge Monitoring Report (DMR) Form and where appropriate, in annual reports" to the Department pursuant to Part A(8)(c) "Annual Progress Reports" of this permit. (The original DMR Form(s) attached are to serve as the master copy.) A signed copy of the DMR Form and all other reports required herein, shall be submitted to the Northeast Regional Office of the Bureau of Water Management, 2 Public Square, Wilkes-Barre, PA 18711-0790.

b. Non-Compliance Reporting:

(1) **Required Reporting.** The City shall report non-compliance to the Department in accordance with the following:

(a) **24-Hour Oral Reporting** - the permittee shall give at least a 24-hour advance notice to the Department of any planned changes that may result in non-compliance with permit requirements. The City shall also report non-compliance with any term or condition of this permit, and any statute, rule, or regulation, to the Department within 24 hours of becoming aware of the non-compliance.

(b) Follow-up Written Reporting - where the City orally reports the information in Part A(8)(b)(1)(a) within the previously mentioned 24-hour time period, a written report outlining the reported information must be completed, kept on file, and submitted to the Department upon request.

(c) Non-compliance reporting pursuant to Part A(8)(b)(1)(a&b) shall not excuse the City from immediate notification to the Department of incidents causing or threatening pollution pursuant to 25 Pa. Code §101.2(a).

(2) Required Information. The reports and notifications required in Part A(8)(b)(1) above shall contain the following information:

- (a) An explanation of the cause of non-compliance;
- (b) The period of non-compliance, including exact dates and times and the anticipated time when the city will return to compliance; and
- (c) Steps being taken to reduce, eliminate, and prevent recurrence of the non-complying event.

c. Annual Progress Reports

Annual progress reports required under 40 CFR 122.226(c) to facilitate the long-term assessment of the City's NPDES storm water program shall be submitted to the Northeast Regional Office of the Bureau of Water Management, 2 Public Square, Wilkes-Barre, PA 18711-0790, within 45 days of the anniversary date of this permit issuance for each year of the permit term. As a minimum, reports shall include:

- (i) The status of implementing components of the City's storm water management program that are required in Part (A)(5) of this permit;
- (ii) Proposed changes to the City's storm water management as required in Part A(5) of this permit;
- (iii) Revisions, if necessary, to the controls required in Part A(6) and the fiscal analysis required in Part A(7) of this permit;
- (iv) Summary of data, including monitoring data, that are accumulated throughout the reporting year;
- (v) Projected annual expenditures and budget for the year following each annual report;