

POMPTON LAKES BOROUGH
MUNICIPAL UTILITIES AUTHORITY
RULES AND REGULATIONS

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SECTION 1 – INTRODUCTION AND DEFINITIONS

1.1 PURPOSE

The purpose of the Authority is to implement the Municipal Utilities Law. N.J.S.A. 40:14B-1 et seq. and the Safe Drinking Water Act N.J.A.C. 7:10, in the public interest for the Borough of Pompton Lakes in the County of Passaic and in the State of New Jersey. In order to foster and promote relief of waters from pollution and abate the menace to public health, these Rates, Rules and Regulations are established for the conduct of the Authority's business, to cover the use of our sanitary sewer and water systems, to provide a schedule of fees and rates, and to outline allowable procedures and whatever else is deemed proper within the sphere of the Authority's activity.

The Authority reserves the rights to interpret, waive, or revise these Rates, Rules and Regulations, as it deems necessary to meet its purpose under the law and public interest/safety in general.

1.2 OFFICE OF THE AUTHORITY AND HOURS OF BUSINESS

The principal office of the Authority, place of business and mailing address is 2000 Lincoln Avenue, Pompton Lakes, New Jersey 07442.

The office of the Authority will open for the purpose of the transaction of regular business between the hours of 8:00 A.M. to 4:00 P.M, each weekday, Monday through Friday, except holidays. The office phone number is (973) 839-3044.

The Water and Sewer departments of the Authority are in operation, seven days a week, Monday through Sunday, including Holidays. For after normal business hours emergencies contact the Pompton Lakes Police Department at (973) 839-0400.

1.3 DEFINITIONS

Unless the context specifically indicates otherwise, the meaning of the terms used in these Rates, Rules and Regulations shall be as follows:

Authority shall mean the Pompton Lakes Borough Municipal Utilities Authority.

Biochemical Oxygen Demand (BOD) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 C expressed in milligrams per liter.

Building Drain shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other wastewater drainage pipes inside the walls of the building and conveys it to the building sewer.

Building Sewer shall mean the extension from the building drain to the public sewer or the place of disposal.

Domestic Consumer Unit shall mean the normal waterborne fluid wastes from residences, commercial establishments, institutions, and industrial establishments, limited to the waste from kitchens, bathrooms, water closets, lavatories, and laundries.

Easement shall mean an acquired legal right for the specific use of land owned by others.

Fixture Unit shall mean each plumbing unit including but not limited to sink, toilet, urinal, fountain, tub, or shower.

Floatable Oil is oil, fat, or grease in a physical state such that it will separate by gravity from wastewater by treatment in an approved pre-treatment facility. The wastewater shall be considered free of floatable oil if it is properly pre-treated, and the wastewater does not interfere with the collection system.

Floor Drain shall mean any fixture, pipe, or other drainage device located inside of a structure, which may be interconnected to the sanitary sewer system.

Flow Equalization is the reduction in peak rates of flow, through the use of storage facilities or equalization tanks.

Garbage shall mean the animal and vegetable waste resulting from the handling, preparation, cooking, and serving of foods.

House Connection shall mean that portion of the public sewer that extends from the main in the street or easement to the property line. (Also called the service lateral)

Industrial Wastes shall mean the wastewater from industrial processes, trade, or business as distinct from domestic or sanitary wastes or sewage.

Normal Sewage shall have the same definitions as the term “domestic sewage” with particular reference to the limits defined for suspended solids and biochemical oxygen demand.

Person shall mean any individual, firm, company, association, society, corporation, or group.

pH shall mean the acidity or alkalinity of a solution. neutral water, for example, has a pH value of 7.

Pretreatment shall mean the reduction of the number of pollutants, the elimination of pollutants, or the alteration of pollutant properties in wastewater prior to or in lieu of discharging or otherwise introducing such pollutants into the system. The reduction or alteration may process changes or by other means except by dilution. Appropriate pretreatment technology includes control equipment, such as equalization tanks or facilities, for protection against surges or slug loadings with the system or pretreatment process.

Properly Shredded Garbage shall mean the wastes from preparation, cooking, and dispensing of food that has been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than ½ inch (1.27 cm) in any dimension.

Public Sewer shall mean a common sewer controlled by a governmental agency or public utility.

Sanitary Sewer shall mean a sewer that carries liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions together with minor quantities of ground, storm, and surface water that are not admitted intentionally.

Service Unit shall mean a unit of charge established by the Authority, which is approximately equivalent to the average discharge from a single-family home in the Borough of Pompton Lakes; the unit is not precise but is based upon approximations of quantity and variability of discharge for various classes of system users.

Sewer shall mean a pipe or conduit that carries wastewater or drainage water.

Sewer System shall mean the plants, structures, and other real and personal property acquired, constructed or operated or to be acquired, constructed or operated by P.L.B.M.U.A. for the purpose of the Authority, including sewers, conduits, pipe lines, mains, pumping and ventilating stations, sewage treatment or disposal systems, plants and works, connections, and outfalls, compensating reservoirs, and other plants, structure, boats, conveyances, and other real and personal property, and rights therein, and appurtenances necessary or useful and convenient for the collection, treatment, purification or disposal in a sanitary manner of ant sewage, liquid, or solid wastes, night soil or industrial wastes.

Slug shall mean any discharge of water or wastewater which, in concentration of any given constituent or in quality of flow, exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flow during normal operation and may adversely affect the collection system and / or performance of the wastewater treatment works.

Storm Drain (sometimes termed “storm sewer”) shall mean a drain or sewer for conveying water, groundwater, subsurface water, or unpolluted water from any source.

Suspended Solids shall mean total suspended matter that either floats on the surface of, or is in suspension in, water, wastewater, or other liquids, and that is removable by laboratory filtering bas prescribed in the latest edition of “ Standard Methods for the Examination of Water and Wastewater” of the American Public Health Association, Washington, D.C., and reared to as nonfilterable residue.

Swimming Pools shall mean a private, institutional or public swimming pool used for recreational purposes, including the restroom, cabanas, backwash, or filtering facilities, or any appurtenance used in connection with the swimming pools which may have a sanitary waste discharge.

Unpolluted Water is water of quality equal to or better than the effluent criteria in effect for the receiving water.

Wastewater shall mean the spent water of a community. From the standpoint of source, it may be a combination of the liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions, together with any groundwater, surface water, and storm water that may be presented.

Wastewater Facilities or sewerage facilities shall mean the structures, equipment, and processes required to collect, carry away and treat domestic and industrial wastes and dispose of the effluent.

Wastewater Treatment Works shall mean an arrangement of devices and structure for treating wastewater, industrial wastes, and sludge. Sometimes used as synonyms with “waste treatment plant” or “wastewater pollution control plant”.

1.4 PENALTIES

For any violation of the Rules and Regulations of the Pompton Lakes Borough Municipal Utilities Authority, the Authority may impose any or all of the following penalties:

- a) Discontinuance of all or part of service at the property where the violation occurs.
- b) Discontinuance of water service to the property.
- c) A monetary penalty of up to \$1,000.00 for each violation. In the case of continuing violation, each day of violation shall be deemed in a separate violation. Where there is evidence of a violation of Section 3.4 of these rules and regulations, there shall be a presumption that the violation continued for each day of the calendar quarter in which the violation was observed or measured, and the Authority shall have the discretion to charge a full or part quarter assessment.
- d) Assessment of the actual costs to the Pompton Lakes Borough Municipal Utilities Authority to correct the violation, including reimbursement for any penalties which may have been imposed upon the Pompton Lakes Borough Municipal Utilities Authority by any regulatory agency.
- e) The Authority hereby imposes a surcharge for exceeding the Authority’s grease and oil limit of 100 milligrams per liter (100 mg/l), which surcharge shall be determined as follows:
 - (i) The number of pounds shall be calculated according to the following formula: Grease and Oil Sample results in mg/l multiplied by the ratio of the violator’s quarterly flow to 1,000,000, multiplied by 8.34 pounds (the weight of one cubic foot of water). By way of example, a violator whose test sample was 135 mg/l and whose flow was 68,000 gallons, would pay, in addition to the Authority’s cost of laboratory analysis, a maximum surcharge of \$114.84, calculated as follows:

$$135 \times \frac{68,000}{1,000,000} (.068) = 9.18 \times 8.34 = 76.56 \times \$1.50 = \$114.84$$

In the case of a continuing violation, each day of violation shall be deemed a separate violation. The surcharge shall be determined by the Operations Manager and may, in his

discretion, take into consideration remedial action and improved test results. The surcharge may be appealed to the commissioners by filing with the Authority a notice of appeal within ten days from receipt of notice of the imposition of the surcharge. The Authority will then notify the violator of the date, time, and place of the hearing on the appeal, such hearing to be held during a regularly scheduled meeting not later than sixty days from receipt of the notice of appeal. The Authority shall render a decision on such appeal following such hearing.

None of the above shall be deemed to prevent the imposition of such criminal and civil penalties as may be imposed by an agency having jurisdiction.

A penalty imposed by the Authority shall be a lien upon the property until paid in full.

1.5 PARTIAL INVALIDITY CLAUSE

If a court having jurisdiction shall invalidate any section of these Rules and Regulations, such determination shall not affect the validity of the remaining sections herein.

SECTION 2 – DOMESTIC SERVICE

2.1 NEW DOMESTIC CUSTOMER SERVICE

Under no circumstances shall any new fixture be installed in a building or dwelling at an elevation lower than the front curb elevation or the street centerline elevation, whichever is higher, unless special precautions are incorporated into the new fixture installation to prevent surcharging of the new fixture installation from the sanitary sewer main because of high flow or blockage. Owners of existing houses, dwellings, or buildings where fixtures, drains or outlets are lower than the elevation above – specified, should install, and maintain a check valve or other protective device. The device shall be installed in any structure where the lowest fixture is below the rim of the next upstream manhole.

The installation and maintenance of the protective system is the responsibility of each property owner, and the Authority cannot be held responsible for any damage as a result of system malfunctioning and/or blockage in the public sewer system.

Regulations or requirements specified herein shall also pertain to commercial or industrial properties, where applicable.

All construction work requiring supervision by P.L.B.M.U.A. personnel must be performed in conformance with applicable OSHA, PEOSHA, Confined Space Entry Regulations, and all other applicable Federal, State and P.L.B.M.U.A. regulations concerning job and employee safety. Authority personnel will not participate at any job site where the above regulations are not adhered.

2.2 GARBAGE DISPOSAL UNITS AND SUMP PUMPS

Garbage disposal units can be installed only upon proper notification to the Municipal Utilities Authority. Sump pumps for removal of storm water runoff or basement leakage are not permitted to discharge into a sanitary sewer. Discharge from existing sump pumps must be removed from the sanitary sewer system within 10 days after notification by the Authority.

Garbage disposal units and sump pumps will be billed at an annual rate in addition to the normal sewer charge (see Section 11). Charge for the disposal unit or pump will continue until the customer has notified the Authority of its removal and house verification by the Authority of its removal and house verification by the Authority has been made. Only properly shredded garbage (see definitions) shall be discharged.

SECTION 3 – INDUSTRIAL OR COMMERCIAL SERVICES

3.1 COMMERCIAL AND INDUSTRIAL APPLICANTS

Industrial and commercial establishments making application for initial sanitary sewer service, or making additions or changes to existing sanitary sewer service, in addition to making written application for such service, shall furnish a detailed description of the type and size of buildings, and nature of the business to be conducted in each structure, the number and type of fixtures to be served, the type, the volume and chemical characteristics of the waste to be discharged, and such other information as may be required. Such applicants shall also furnish the Authority four (4) copies of 24" x 36" and 36" x 42" plans showing at a scale no less than 1" = 100', the following:

- (a) The boundaries of the property.
- (b) The location within the property of the structure to be served.
- (c) The location and profile, (with respect to finished grade) of the services.
- (d) Details of the proposed connections to the sewerage/water system, and arrangement and details of meter and sampler installation should they be required (As-builts will be required).
- (e) Location of sampling manhole, either within or immediately outside of property lines. Exact location to be determined by P.L.B.M.U.A.

3.2 AGREEMENT REQUIRED

The Authority will accept industrial wastes into the sewage system, upon the execution of a formal, written agreement, and subject to the rules stated herein. The agreement will set out in detail the characteristics of the waste, the flow condition that shall govern the conditions and costs with respect to the physical connection or connections, and the annual service charges. The form of agreement is as contained herein under section 13, E-3. It will be the policy of the Authority to consider each application on its merits, and to establish specific conditions applicable to the particular situation, for each agreement. No connection shall be made prior to execution of the agreement.

Any and all construction work requiring supervision by P.L.B.M.U.A. personnel must be performed in conformance with applicable OSHA, PEOSHA, Confined Space Entry Regulations, and all other applicable Federal, State, and P.L.B.M.U.A. regulations concerning job and employee safety. Authority personnel will not participate at any job site where the above-noted regulations are not adhered.

3.3 INDUSTRIAL OR COMMERCIAL SEWER CONNECTION APPLICATION AND FEES

For a connection involving the acceptance of industrial wastes, the applicant shall submit

complete data along with a completed Application for Industrial Sewer Connection and Agreement for Industrial Wastes, Form E-3.

For a connection from a commercial property where the wastes are of a domestic quality, the applicant shall submit complete data along with a completed Application for Individual Commercial Sewer Service, Form E-2.

Applicant shall deposit with the Authority a filing fee, review fees, and inspection fees, as described in the Rates section of these regulations.

3.4 PROHIBITED WASTES

Wastes containing the following substances or possessing the following characteristics, will not be accepted:

- (a) Any vapors or steam
- (b) Any fluids with temperature in excess of 110 degrees Fahrenheit.
- (c) Any fluid wastes which contain in excess of 100 mg/l of fat, oil, or grease either vegetable or mineral.
- (d) Any volatile, explosive, or flammable substances such as benzene, gasoline, naphtha, fuel oil or similar substances.
- (e) Any solids or viscous matter which may cause interference with the cause of wastes, such as ashes, cinders, concrete, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, paunch manure, hair, or similar substances.
- (f) Any fluid wastes having a pH value less than 6.0 or in excess of 9.0 or possessing other properties capable of causing damage or hazard to sewers, structures, treatment process, equipment or operating personnel.
- (g) Any wastes containing toxic or poisonous substances in sufficient concentration to interfere with the sewage treatment process, to cause injury to animals or persons, or to create an unacceptable condition in existing streams.
- (h) Improperly shredded garbage.
- (i) Any noxious or malodorous gas or substance, which is capable of causing a public nuisance.
- (j) Highly colored wastes.
- (k) Any radioactive substances.
- (l) Septage, or septic wastes.
- (m) Any wastes containing components which exceed limits set forth by the county, state or federal regulatory agencies, or by the Pompton Lakes Borough Municipal Utilities Authority.

3.5 GREASE, OIL AND SAND SEPARATORS

When in the opinion of the Authority, grease, oil, and sand interceptors or oil reclaimers are required, they shall be provided and maintained at the expense of the user, in continuously efficient operating condition. Grease and oil interceptors shall be constructed of impervious materials, capable of withstanding abrupt and extreme changes in temperatures. They shall be watertight, substantially constructed and equipped with readily removable access covers. Where deemed necessary, cold water sprays shall be installed. The design and pertinent data shall be submitted to the Authority for review and approval prior to installation. Separators must be installed on the outlet sewer of every industrial, commercial, or other establishment that the Authority deems necessary. Said separator must be of sufficient capacity so that the requirements

of Section 3.4 (c) and any N.J.D.E.P. Maximum Contaminant Limit herein shall not be exceeded at any time.

The user must submit proof to the Authority of periodic cleaning. Separators must be cleaned at least every six months, unless evidence is provided that this frequency may be expanded or reduced.

Separators are subject to inspection by the Authority to insure maintenance. Inspections will be made during reasonable hours.

3.6 PRETREATMENT

The Authority reserves the right to require pretreatment and / or flow equalization where the chemical or flow characteristics of the proposed wastes, in the opinion of the Executive director, Authority Engineer, State or Federal agencies, or the Pompton Lakes Borough Municipal Utilities Authority, make such pretreatment or flow equalization desirable or mandatory. Some of the characteristics that may indicate pretreatment are:

- (a) 5-day B.O.D in excess of 300 Mg/l
- (b) Suspended solids in excess of 300 Mg/l
- (c) Any fluid wastes which contain in excess of 100 Mg/l of fat, oil, or grease, either vegetable or mineral.
- (d) Average daily flow in excess of 17 % of rated capacity of the collection line or pumping station.
- (e) Quantities of flow, concentrations, or both which constitute a “slug” as defined herein.
- (f) Presence of arsenic, barium, cadmium, chromium, copper, cyanide, fluoride, iron, lead, magnesium, manganese, nickel, nitrate, selenium, sulfate, zinc, or pH values outside the acceptable limits as described in Section 3.4. The following criteria shall apply.

- (I) The substance listed below shall not exceed the following specified limits:

	<u>Limit, Mg/l</u>
Silver	2.00 ug/l
Arsenic	8.00
Barium	2.00
Cadmium	4.00
Chromium (hexavalent)	10.0
Copper	10.0
Cyanide	40.0
Lead	10.0
Mercury	1.00
Selenium	10.0
Zinc	0.60
Nickel	10.0

- (II) Persistent pesticides – not to exceed one one-hundredth of the TL50 valve of 96 hours as determined by appropriate bioassay.

(Persistent pesticides are defined as natural and synthetic material having a half-life of greater than 96 hours, which are used to control unwanted

or noxious animals or plants. They include fungicides, herbicides, fumigants, and rodenticides.)

- (g) Dissolved solids in excess of 1500 Mg/l.
- (h) Ammonia (NH₃) in excess of 20 Mg/l.
- (i) Phenol in excess of 10 ug/l.
- (j) Chlorine demand in excess of 10 Mg/l.
- (k) Hydrogen sulfide, sulfur dioxide, nitrous oxide or any halogen gas on excess of 5 Mg/l.
- (l) Nitrate in excess of 10 ug/l

In such instances where it is agreed that the industrial waste will be received following pretreatment, drawings and specifications shall be submitted for approval of the Authority Engineer showing all pertinent details of the type of flowmeter, wastewater sampler and housing to be used, to meter and sample the flow of industrial wastes, and also details of the control manhole shall be provided with adequate access manhole covers of approved type, through which access shall be possible by Authority personnel at all times. Drawings, specifications, reports, etc. shall be submitted in quadruplicate and shall be prepared and sealed by an approved shutoff valve may be required on the discharge sewer immediately upstream of the sampling manhole.

Where pretreatment and/or flow equalization facilities are required, they shall be provided and continuously maintained in an effective operating condition at all times, at the expense of the industry.

Each industry connected to the Authority sewer system shall be responsible for maintaining a quality of effluent from their premises, which conforms to the provisions established in their agreement with the Authority. Sampling and analysis shall be done so as to conform with accepted practice, and in accordance with the current edition of "Standard Methods for Examination of Water and Wastewater", published by the American Public Health Association, Washington, D.C.

The owner or operator of all retail food establishments, catering establishments, commercial food preparation facilities, meat processing facilities, and such other uses which may be designated by the Authority, which may result in the accumulation of oils, fats, cellulose, starch, proteins, or grease in the sanitary sewer system of the Pompton Lakes Borough Municipal Utilities Authority, shall add into each sanitary sewer line serving such use a continuous application of a bacteriological culture formulation to control and treat such discharges, which culture formulation and application schedule shall be approved by the Authority. All appropriate records concerning the operation of such a program shall be made available to the Authority on a monthly basis. The Authority may require operator/owner to take such measures as the Authority may determine.

The cost of preparing and submitting this data for consideration by the Authority shall be borne by the user. Likewise, the cost of sampling and analysis to determine compliance with the terms of the agreement shall be borne by the users, although conducted by the Authority or its duly authorized representative.

3.7 CONTROL MANHOLE

Commercial or industrial customers permitted to connect to Authority sewers, even

though not initially being required to provide pretreatment, may be required to provide a control manhole and/or meter and sampler as described in Sections 3.6 and 3.9, whether upon initial connection or change in use.

3.8 PENALTY OF DISCONTINUANCE

In the event that any users fail to conform to these regulations or fails to comply with the terms and conditions of their agreement with the Authority, which failure causes damage of any sort to the Authority or the Authority's employees, the Authority shall determine the extent of the damage and bill the users accordingly. If such bill is not paid within ten (10) days from the date of the bill, legal action may be instituted to enforce collection, and the Authority may resort to termination of the connection after giving twenty-four (24) hours' notice.

The Authority reserves the right to cancel the agreement, upon one year's written notice, in the event of repeated failure to comply with the terms of agreement, or the Rates, Rules and Regulations of the Authority. In the event of imminent hazard to the system of personnel, or violations of the Clean Water Enforcement Act (Chapter 28, PL 1990) the Authority reserves the right to terminate service immediately, and to substantiate the action within five (5) days thereafter.

3.9 INDUSTRIAL WASTE FLOWMETER AND SAMPLER

The users shall furnish, install and maintain a flowmeter of the totalizer-indicator recorder type, if required, to measure the discharge of industrial wastes, and a wastewater sampler to periodically take and preserve a portion of the wastewater stream, as described in Section 3.6. The Authority must approve the flowmeter and wastewater sampler, but the cost of said equipment and installation is to be borne by the user. All furnishing, installing, and maintaining the industrial waste flow and sampling equipment will be borne by the industry and the equipment shall be readily accessible to Authority personnel.

3.10 INDUSTRIAL SEWER RATES

Service charges for industrial wastes shall be as determined by the Authority.

3.11 SURCHARGES FOR HIGH STRENGTH WASTEWATERS

High strength wastewater, including pretreated wastewater, will be subject to rate surcharges (See section on Rates). Surcharges shall be based on results of Authority surcharge sampling program.

A single sample per quarter shall be conclusive proof that the strengths therein representative for the entire quarter in which the sample was taken.

3.12 INDUSTRIAL SERVICE REVISIONS

The industrial wastewater parameters and the criteria for industrial waste limits are subject to future revisions or modification as may be required by the New Jersey Department of Environmental Protection & Energy, United States Environmental Protection Agency, and the Pompton Lakes Borough Municipal Utilities Authority.

3.13 AIR CONDITIONING UNITS

Air conditioning units will not be permitted to discharge clean water into a sanitary sewer. Recirculation devices shall be used, or excess water shall be discharged into a separate point of disposal. Similarly, there shall be no discharge to a sanitary sewer from other sources of clean water, as determined by the Authority, such as condensation pumps, cooling towers, etc.

3.14 GREASE TRAPS

Grease traps will be required on all restaurant discharges, or on discharges from any facility which is expected to release quantities of grease and oil in excess of that of domestic waste. The Authority before installation must approve the type and manufacture of grease traps.

SECTION 4 – SEWER MAIN EXTENSIONS

4.1 GENERAL PROVISIONS

Persons proposing subdivisions or developments requiring a main extension for sewer service shall prepare applications described in this section with the necessary supporting documents. The policy of the Authority is to permit extensions only when paid for and installed by the applicant. No facilities for collection, treatment, or disposal of sewage within the “district” of the Authority (which corresponds with the boundaries of the Borough) shall be constructed unless the Authority shall give its consent and the Authority Engineer shall approve Contract plans and specifications therefor.

A connection fee shall be paid to the Authority for connection to its sewer system following the rates set forth in the Authority’s Rate Schedule.

Connection fees shall be payable upon the submission of Application for the sewer connection application unless specific arrangements are agreed upon. If payment is not received within this period, the project may not proceed, and the connection fee shall be at the prevailing rate at the time of the receipt of the check. The applicant shall also be subject to any change in regulations. If the project is to be constructed in sections the connection fees may be paid for each section prior to application of each section, at the prevailing connection fee at the time of each section’s acceptance.

Unless otherwise approved, where locations do not front the sanitary sewer, residential subdivisions containing three or more building sites or lots or any residential structure to be used by three or more families, regardless of volume of flow, and all non-residential developments such as schools, commercial buildings, industrial buildings, and other structures will be required to install a sanitary sewer system to be connected with the nearest existing sanitary sewer in the Borough.

For residential subdivisions not fronting a sanitary sewer and containing two or less building sites or lots, or if the lands are deemed by the Authority to be too remote from any existing facilities, consideration will be given to an individual sewage system with a dry sanitary sewer system or approved alternative for future use in lieu of connection to existing facilities.

Any main extension and related facilities (other than industrial septic systems) installed under the provisions of this section, or easement required for the purpose, shall be transferred to the Authority as hereinafter described.

During construction but before final acceptance, the Authority shall have the right to use any completed portion of the system without waiving its right to further inspection or testing or to order correction of any defects provided the Authority does not unreasonably delay inspection, testing and acceptance of that portion of the system.

Use of the sanitary sewer system for the discharge of sump pumps, or drainage from cellar drains, leaders, downpours, drainage tile, cooling system drains, and other similar discharges shall not be permitted.

Easement will be required for sewers not located within an existing public right-of-way. The width of such easements will be determined by the Authority, depending on the size and depth of sewer to be located in the easement. Easements must be extended to the nearest adjacent property if future service will be required.

Easement documents must be prepared by the Authority's Council, and shall include provisions as specified by the Authority, Authority's Council, and Consulting Engineer.

4.2 APPLICATIONS – GENERAL

A sequence of applications for sewer extensions is required for the Authority's determination of needs, availability of service, effect of proposed extension, and inspection of installed extension. Application forms are available and provided by the Authority. No application form will be considered unless a professional engineer registered in the state of New Jersey is in charge of planning and design of the proposed sewerage facilities and has affixed his seal and signature to the submissions. Each application shall be submitted in duplicate with the designated fees to the Authority not less than thirty days (30) prior to the Authority meeting at which action on the application is desired.

Applications shall be signed by the property owner. If the property owner is a partnership, application shall be signed by a general partner, or, in the case of a corporation, by an officer of the corporation. Signature of agent, attorney, or engineer is not acceptable.

Each application must be accompanied by those fees, deposits, and guarantees described herein or the section on Fees and charges. All fees accompanying applications must be in cash, certified check, or acceptable other draft at the option of the Authority (For standard application, see Section 11.1).

The review and inspection fees shall be held in an escrow fund, with interest as required by law, from which expenses will be paid by voucher. If so, required by the Authority, additional funds shall be made by the applicant to the Authority to meet expenses; surplus shall be returned to the applicant after payment of all fees and after final acceptance of the facility by the Authority. The applicant will be required to pay all cost incurred by the Authority in his project.

Where deposits or guarantees are based on estimated construction cost, a submission shall be made by the applicant's engineer and verified by the Authority's engineer. The approved construction cost shall be based on the estimated period of construction and shall include all on-site and off-site work; and for bonding purposes a contingency allowance will be added.

Inspection work by the Authority, its employees, its engineer, or agent is intended only to review compliance of the work with the approved design documents. Such inspections (or lack of inspections) are not intended to review safety precautions, adherence to State and Federal regulations, or hazards to the public, contractor employees, or third parties. Each applicant assumes full responsibility for damages or injuries caused on its work sites and agrees to indemnify and provide separate defense for the Authority and its representatives against all action or claims.

Where off-site facilities are involved, the following policies shall prevail:

- A. The developer is responsible for providing off-site facilities to provide capacity for his development.
- B. The design of off-site facilities is to be undertaken by the developer and shall be subject to design standards established by the Authority and subject to review of the Engineer and approval of the Authority. The design is based upon the total community needs, rather than capacity for the development alone. The design parameters shall be provided to the Developer by the Authority.
- C. Where the Authority requires additional capacity for areas outside of the development, it will assume an increment of cost for service to such areas.
- D. Off-site facilities shall be installed by the Developer and shall be subject to design standards established by the Authority and subject to review of the Authority's Engineer and approval of the Authority. The Developer's share of the cost must be available to finance to initial construction (the Authority should not be required to finance the Developer's share) unless specific alternate arrangements are approved by the Authority.
- E. The Authority's share of off-site facilities may be credited against connection fees. If the Authority's share exceeds the total of all connection fees, a lump sum payment may be made towards the cost.
- F. All approved and accepted on-site and off-site facilities installed by the Developer shall be transferred to the Authority, where they lie in public rights of way or easements. Said transfer of facilities must take place prior to the release of performance guarantees.

4.3 APPLICATION FOR CONCEPTUAL REVIEW – FORM A

An application describing the proposed residential, commercial, or industrial development, or other project, shall be submitted to the Authority with supporting data to determine the economic and technical feasibility of extending sewer service. This application shall be submitted concurrent with filing of conceptual subdivision or sit plan application with the Pompton Lakes Planning Board or Zoning Board. The Authority may differ or waive certain parts of this supporting data at its discretion where the cost of data preparation is excessive for the development or project planning and approvals. Approval of this application shall extend for a period not to exceed one year from data approval, unless P.L.B.M.U.A. Application for Construction of Sewerage Facilities (Form C) has been submitted.

In addition to the application, the applicant shall furnish (2) copies of a general location plan (min. scale 1" = 100') showing streams, streets, lots, blocks, and tax map numbers, copy of application submitted to the Planning Board, location of any existing water distribution and/or sanitary systems in the area, proposed system outline and route

of construction, and estimated quantity of volume and flow. Elevations shall be based on mean sea level, or the Borough datum.

The Authority shall analyze the submitted application and supporting data to the applicant the Authority's recommendations and/or findings. These findings may be furnished to the Borough Planning or Zoning Board as support material.

If the Authority determines that portions of the existing downstream system do not have sufficient capacity to accept flow from the proposed development, then the Authority may require payment for, or the construction of, supplementary off-site facilities to accommodate the additional flow. Cost shall include engineering and overhead costs.

4.4 APPLICATION FOR REVIEW OF PUMPING STATION FACILITIES – FORM B

This application shall be submitted following preliminary approval of the Pompton Lakes Planning Board, copy of which will accompany this application.

An application and supporting data specifying the engineering details of the proposed project will be analyzed for compliance with Authority engineering standards including provisions for orderly growth.

This form is filed for approval of Form A on all applications and must be submitted within twelve (12) months after conceptual review approval or reapplication for conceptual approval will be required. The applicant shall specify whether phased construction is intended.

This application shall be accompanied by two (2) copies of the Engineer's report, construction costs estimate, two (2) sets of drawings (min. scale 1" = 50'), specifications, manufacturers' data, and other material needed to permit a detailed engineering review. The Engineer's report shall clearly define the design criteria used in connection with population, flow, layout, pumping station design, equipment selection, etc. All drawings submitted shall be approved by the Borough and shall be kept current. Final drawings filed by the applicant shall include notations as to transfer of easements and sewerage facilities similar to the notations required under Section 4.10.

The application and supporting data will be reviewed by the Authority to determine compliance with the Authority's Rules and Regulations, applicable statutes and projected growth patterns. Approval of this application, with conditions set by the Authority, shall be a mutual agreement between the applicant and the Authority regarding the terms and conditions for providing sewer service, including the construction, and financing of off-site facilities considered necessary by the Authority.

The applicant shall pay all permit and application fees to the Authority (see Fee Schedule) and New Jersey D.E.P. Permits to construct sewers and/or other structures within flood plains, wetlands, and the right-of-way limits of State, County, Municipal roads, railroads, and all other permits must be secured and paid for by the applicant.

The applicant must inform and secure any necessary clearance and/or approval from any public utility involved. Proof of such notice and/or approvals shall be filed with the Authority.

4.5 APPLICATION FOR AUTHORIZATION TO CONSTRUCT – FORM C

This application shall be submitted following preliminary approval of the Pompton Lakes Planning Board, copy of which shall accompany this application.

An application and supporting data specifying the engineering details of the proposed project will be analyzed for compliance with the Authority engineering standards including provisions for orderly growth.

This form is filed after approval of Form A on all applications and must be submitted within twelve (12) months after conceptual review approval or reapplication for conceptual approval will be required. The applicant shall specify whether phased construction is intended.

This application shall be accompanied by two (2) copies of the Engineer's report, construction costs estimate, two (2) sets of drawings (min. scale 1" = 50'), specifications, manufacturers' data, and other material needed to permit a detailed engineering review. The Engineer's report shall clearly define the design criteria used in connection with population, flow, layout, pumping station design, equipment selection, etc. All drawings submitted shall be approved by the Borough and shall be kept current. Final drawings filed by the applicant shall include notations as to transfer of easements and sewerage facilities similar to the notations required under Section 4.10. The drawings shall include finished floor grades which is necessary to insure that no new fixture is installed below the street elevation without the required check valve or other suitable device being installed by the developer.

The application and supporting data will be reviewed by the Authority to determine compliance with the Authority's Rules and Regulations applicable statutes, and projected growth patterns. Approval of this application, with conditions for providing sewer service, including the construction or financing of off-site facilities considered necessary by the Authority.

The application shall pay all permit and application fees to Pompton Lakes Borough Municipal Utilities Authority and The New Jersey D.E.P. Permits to construct sewers and/or other structures within flood plains, wetlands, and right-of-way limits of State, County, Municipal roads and railroads, and all other permits must be secured by and paid for by the Applicant. In addition, the Applicant shall prepare all applications and submit all data required by the current rules and regulations of the New Jersey Department of Environmental Protection and the Pompton Lakes Borough Municipal Utilities Authority, including:

The Applicant must inform and secure any necessary clearance and/or approval from any public utility involved. Proof of such notice and/or approvals shall be filed with the Authority.

Before construction may commence, the applicant must also furnish the following:

- a) State D.E.P. approval to construct.
- b) Performance guaranteed, as hereinafter specified.
- c) Insurance certificates, with coverage as hereinafter specified.
- d) Schedule of construction.
- e) Payment for off-site facilities.

Approval of construction by the Authority will be void and invalid after one (1) year unless substantial construction has commenced on the approved facilities. Where construction has commenced within the one- (1) year period, approval will be

automatically renewed for a successive one (1) year period, after which a request must be filed for an extension of time. Should a project not commence a substantial construction within the one (1) year period, the application as indicated shall become void and invalid and shall require a renewal application by the P.L.B.M.U.A.

A renewal application fee under Section 11.1 shall be charged. Should the application be resubmitted in its previous form, without need for change, the Board of Commissioners shall then renew the application without additional review. Should there be any change in the application in site or system condition, or in the P.L.B.M.U.A. Rules and Regulations, an entirely new review, with the appropriate fees may be required. It shall not be necessary for the P.L.B.M.U.A. to notify the applicant that his time period has expired, that will be the responsibility of the applicant. Application shall be required upon the expiration of any of the above noted time periods.

Capacity in the system will not be reserved unless a) the Authority approval is still valid, and b) all connection fees are paid.

4.6 APPLICATION FOR PREFORMANCE GUARANTEE REDUCTION/RELEASE – FORM D

Upon satisfactory completion of construction, inspection, and testing, the applicant shall request that the Authority approve the installed system (or part thereof).

Ownership, maintenance, and operation of the system shall be the responsibility of the Authority only after specific written final acceptance by the Authority of all or part of the system (Form E-1 or E-2). Until this written final acceptance is issued by the Authority, the ownership, maintenance, and operation of the system may not commence until a permit of operation is issued by the Authority and notification has been sent to the State Department of Environmental Protection. The applicant will be subject to all and any payments of any fines, levies, and/or assessments prior to the acceptance of the ownership of the system by the Authority.

The application shall be accompanied by:

- (a) Three (3) copies of as-built plans (as described hereinafter), one of which must be reproducible prepared and certified by the applicant's engineer and approved by the Authority's engineer.
- (b) All necessary documents, legal descriptions and plans approved by the Authority that will permit the dedication of all necessary facilities, property and easements that are an inherent and necessary part of the completed project (Also see Section 4.1).
- (c) Proof of payment of all fees and charges required by the Rules and Regulations up to and including this application.
- (d) Operating Permit for that portion of sewerage facilities covered by this application.
- (e) Releases from all parties having jurisdiction over any part of the project.
- (f) Certified copy of the final map as recorded by the County Clerk.

- (g) A written release from any legitimate complaint on record with the Authority (or a suitable inspector's report on that complaint).
- (h) A signed voucher for release of cash bond.

Upon recommendation of the Authority's Engineer, the Authority may approve a partial reduction in the performance guarantee. Such reduction will apply only to the Bond and Letter of Credit; no portion of the cash bond will be returned until full and final Performance Bond has been approved.

A Maintenance Bond as described in Section 4.9 shall be posted upon approval of Performance Bond Release.

4.7 PERFORMANCE GUARANTEE AND INSURANCE

A performance guarantee satisfactory in form to the Authority, in the amount of at least 120% of the total approved construction cost of that portion of the project covered by the application, shall be furnished with the application to construct (Form C). The guarantee shall contain an "evergreen" clause and shall remain in full force and affect for the duration of construction and until release is approved by the Authority. The guarantee shall assure the Authority of complete acceptable construction and shall assure further guarantee that said construction will be in accordance with the Rates, Rules, and Regulations of the Authority, the plans and specifications and Engineer's report and cost estimate approved by the Authority's Engineer. The approved guarantee shall be in the form of a 90% performance guarantee by the approved surety and 10% cash or certified check. The amount of the required performance guarantee may be increased for due cause by the Authority, including periods of construction extending more than one (1) year. In the event of default or nonperformance by the developer, as determined solely by the Authority, part or the entire performance guarantee may be applied by the Authority to completion of the work.

Prior to construction insurance certificates must be furnished to the Authority, indicating the following coverage:

- (a) Workmen's Compensation Insurance – with limit under Coverage B for Employer's Liability set at \$500,000.
- (b) Contractor's Comprehensive General Liability Insurance – with limits for personal injury of \$2,500,000 including accidental or wrongful death on account of any one occurrence; also limits for property damage of \$500,000 on account of any one occurrence and \$1,000,000 on accounts of all occurrences.
- (c) Motor Vehicle Insurance – with limits as in (b) above.
- (d) Subcontractor Insurance – each contractor working on the site, or in connection with this project, must carry identical insurance coverage to that listed herein.
- (e) Additional named insured on each policy shall include the Pompton Lakes Borough Municipal Utilities Authority, the Borough of Pompton Lakes, and the Authority's Engineer.

- (f) The expiration date shall be listed for each policy, and certificates should indicate that thirty- (30) days' notice will be given to the Authority for expiration or cancellation of policies.
- (g) Insurance certificates must identify the subject project or development by name and P.L.B.M.U.A. project number.

The contractor, developer, and/or builder is totally responsible for safety precautions on or off the site for operations relating to a project and must carry insurance or be personally responsible for personal injury or property damage claims for employees, the public, or third parties. It is the responsibility of the developer that all policies must remain in full force and effect until approved completion of construction, including any final repairs.

4.8 CONSTRUCTION PROCEDURES

No construction may start without "authorization to construct" from the Authority, a "permit to construct" from the State Department of Environmental Protection, and a minimum one (1) weeks' notice to the Authority of intention to start work.

During construction the Authority intends to have personnel present on the site to observe the installation of sewerage facilities. The purpose of such observations will be only to achieve an acceptable installation and will not incur and responsibility for safety practices on the site or liability for injury or damage caused by the contractor's operations. The cost of such observations shall be borne by the applicant.

Work will be rejected for the following reasons:

- (a) it is performed or backfilled without observation by the Authority personnel or representatives
- (b) it is performed after the Authority's authorized agent disapproves the materials or the method of installation, or
- (c) it fails to pass the testing requirements stipulated elsewhere in these regulations.

Work will be approved only after final observations, testing, corrective work, approval of restoration by the Borough and property owners, and written certification by the Authority.

The Authority reserves the right to stop work on the project if materials, workmanship, or operations are not in conformance with specifications or Authority regulations. Failure to stop work may result in the following:

- (a) Rejection of all work.
- (b) Notification to surety that performance guarantees are being violated.
- (c) Notifications to Borough the issuance of building permits and certificates of occupancy should be terminated.
- (d) Police action if work is being performed in public right-of-way or in a manner detrimental to the public welfare.

The contractor, builder, subdivider, and all subcontractors must abide by the requirements of the State Construction Safety Code, and the OSHA regulations. Neither the Authority nor its engineer or agents are responsible for adherence to such regulations, or for other safety precautions related to the project (Also see section 7.4).

If there is any portion of the project left in a hazardous condition, or if reasonable orders issued by the Authority or its Engineer are not followed, the Authority reserves the right to use the cash portion of the performance guarantees to rectify the condition. Five- (5) days written notice of such intention will be issued by the Authority to the applicant and his surety unless hazards to the public require more urgent action. If the cash funds are inadequate, additional funds must be posted, or the Authority may demand action by the surety.

4.9 MAINTENANCE BOND

Prior to final release of the performance guarantee the Applicant shall submit a maintenance bond from acceptable surety in form approved by the Authority. The bond shall be in the amount of 15% of the original approved construction cost estimate and shall extend for two (2) years from the date of the resolution releasing the performance guarantee, and until an acceptable final inspection. No partial maintenance bonds will be accepted.

4.10 AS-BUILT PLANS

Upon submission for acceptance (Form D), as-built plans shall be submitted to the Authority, using the following guidelines and check list:

- Drawing Size: Approx. 24"x36"
- Name of development and block and lot number in title box, and "As-Built" clearly labeled.
- Horizontal Scale: 1" =30', 40' or 50'
- Date of as-built survey and name of surveyor
- North Arrow
- Profiles
- Distances
- All other utilities shown on plan or encountered
- Invert and rim elevations
- Slopes
- Locations of house connections or laterals -horizontal location, distance from downstream manhole - horizontal location of plugged end relative to 2 permanent structures.

- Notations as to the finished elevations of any structures wherein fixtures lie below curb grate, and as to the facilities (e.g., check valves) used on the connection.
- Location of pipe in easements (tie to existing structures)
- Pipe materials
 - main line sewer (class of pipe)
 - laterals – size and material
- Certifications
 - drawings signed & sealed by developer’s engineer (PE or LS)
- Transfer of Ownership of Easements and Sewerage Facilities, using wording:

“Sanitary sewer easements shown on this drawing and all sanitary sewerage facilities installed as shown herein are hereby dedicated to the Pompton Lakes Borough Municipal Utilities Authority, upon acceptance.”
- Drawing materials – Mylar or linen reproducible (one set) and blue- line prints (two sets) upon final acceptance.

SECTION 5 – INDIVIDUAL CONNECTIONS AND SERVICE LINES

5.1 TYPES OF CONNECTIONS

Following are the types of individual connections anticipated into the Authority’s system:

- (a) Resumption of service through an existing building sewer and house connection (including change of ownership or type of service).
- (b) Installation of a new building sewer from a structure to an existing house connection on the Authority’s system.
- (c) A new building sewer and a new house connection tapping into the Authority’s system.

5.2 PERMITS AND APPLICATIONS (FORM E-1 THROUGH E-5)

All individual connections to the Authority’s system, whether using existing or new facilities, must apply for a permit for connection of the sanitary into the existing P.L.B.M.U.A. system.

For all commercial or industrial connections to the Authority’s system, whether using existing or new facilities, an application must be submitted on Form E-2, titled “Application for Individual Commercial Sewer Service”, together with detailed plumbing plans and supporting data as may be required. In addition, the Authority may require submission of a form entitled “Application for Industrial Sewer Connection and Agreement for Industrial Wastes”, Form E-3.

Applications must be signed by the property owner and the customer requesting service, with both parties accepting financial and legal responsibility for the connection and its use. The accepted application will constitute a contract between the Authority and the Applicant, obligating the Applicant to pay the Authority's established rates, and to comply with the Authority's Rules and regulations.

All applications must receive the approval of the Authority before the installation is started. All installations must be inspected and receive the approval of the Director before service is furnished.

An "Application for Change of Use of Existing Sewerage Facilities", Form E-4, must be made upon any change in service from that described in the original application or upon any change in ownership in a commercial or industrial property. The new customer shall be responsible for making application for approval by the Authority before sewerage service is received or continued. There will be no charge for filing applications for change in type of service unless special review or analysis is required.

Applications for new construction shall be accompanied by two sets of plans prepared by a registered plumber or approved contractor, showing the proposed line from the structure to the Authority main or the location of the existing line to be used. Plans must include all elevations.

The applicant must obtain and file permits for openings in State, County, or Borough Roads as required. The applicant must pay all arrears, provide bonds or deposits, insurance, and meet all traffic and safety requirements.

No applications for service will be accepted by the Authority, until the Applicant has paid, or made satisfactory arrangements to pay, all arrears or charges at the subject premises, or due by the applicant at any premises now or theretofore occupied by said party.

Applications for new service connections will be accepted subject to there being existing mains in streets or right-of-way abutting the premises to be served to there being sufficient capacity available.

When a property owner has made application for a new service or has applied for the reinstatement of an existing service, it shall be presumed that the piping and fixtures on the applicant's premises are in good condition. The Authority will not be liable, in any event, for any accident, breaks, or leakage arising in any way in connection with the pipes or fixtures of the customer, nor for any damage to the property which may result from the usage thereof.

Building Sewers are under the jurisdiction of the Pompton Lakes Borough Municipal Utilities Authority. Approval of the Plumbing Inspector or a Certificate of Occupancy will be required before the Authority will accept discharge of sewage in its mains.

An "Application for Disconnection of Sewerage Facilities", Form E-5, must be filed prior to disconnection. (See also Section 9.8).

5.3 AUTHORITY/HOMEOWNER RESPONSIBILITY

New connections to existing sewer mains will be at the expense of the Applicant, including tapping (if approved by the Authority), fittings, pipe, labor, and materials. Such new connections and laterals will become the property of the Home/Business owner. The Authority will maintain the sewer mains only.

5.4 SIZE AND KIND OF HOUSE CONNECTION OR BUILDING SEWER

The Authority reserves the right to determine the size and kind of service lateral from the main to the property line or easement line, from the property line to the curb clean-out to be served, or in the right-of-way to the structure to be served. The materials, location, and installation procedures shall conform to the latest "Specifications for Sewer Construction" on file at the Authority office, or to the requirements of the Authority's Engineer. A vented inspection and maintenance riser is required behind the curb or at an approved location on each house connection, as per standard Authority details.

That portion of the building sewer, service lateral and sewer clean-out installed and maintained by the owner shall be installed in accordance with the Borough Plumbing Code and the Authority specifications and shall be inspected and approved by the Borough Plumbing Inspector, and the Authority Inspector prior to backfilling the trench. Any construction not approved shall be removed immediately and reconstructed in an approved manner.

5.5 BUILDING SEWER LOCATION

No building sewer shall be laid within five (5) feet of any gas pipe, water service or any other facility of any public utility company, nor within five (5) feet of any open excavation, vault, or meter pit; nor shall the location be under any sidewalk or driveway unless approved. All building sewers shall be installed within the limit of the customer's property and a minimum of three (3) feet from any property line(s) or building walls. Landscaping shall be located so as to minimize root intrusion into the building sewer, and in no event shall trees be placed within five (5) feet of any building sewer.

5.6 ELEVATION OF SANITARY FIXTURES

Under no circumstances shall any new sanitary fixtures be installed in a building at an elevation lower than the front curb elevation or street centerline elevation (whichever is higher) unless special precautions are incorporated into the new fixture installation to prevent surcharging of the new fixture from the sanitary sewer main because of high flows or blockage. In any event the Authority will not be responsible for and backups or surcharges into fixtures or structures.

Prior to any installation of any fixture which may be lower than the elevation heretofore specified, the owner shall obtain the approval of the Borough Plumbing Inspector and the Authority on the type of precautions that will be taken to eliminate the potential flooding of premises with sewage. In the event a fixture is found to be installed lower than heretofore specified, the Authority may revoke the sewer permit connection or discontinue service until the fixture is removed or positive control measures are instituted to eliminate any potential surcharging of the building with sewage.

Special protective devices, such as check valves, shall also be incorporated in building sewers, where the lowest fixture is below the rim of the next upstream manhole.

5.7 MAINTENANCE BY CUSTOMER

All house connections, building sewers, sewer clean-outs, and fixtures furnished by the customer, or the Authority shall be maintained by the customer in good order, and the piping and

connections furnished and owned by the Authority and on the property of the customer shall be protected properly and cared for by the customer. All leaks in the building sewer or other pipe or fixture in or upon the premises served must be repaired immediately by the owner or occupant of the premises. The customer shall be responsible for notifying the Authority of the party engaged by the said customer to do any maintenance work on the customer's building sewer, prior to work being commenced, and said party shall not backfill any trench until the work has been inspected and approved by the Authority's representative. Any work not acceptable shall be immediately removed and replaced by work that is acceptable.

The Authority shall in no way be responsible for maintaining any portion of the building sewer owned by the customer, or for damage done by sewage escaping therefrom; or for lines or fixtures on the customer's municipal regulations with respect thereto, and make changes therein, required by reason of changes of grade, relocation of mains or otherwise. The owner shall be responsible for all stoppages within the house connection or the building sewer from the building to the main, if caused by discharge from the buildings on the site.

5.8 PROHIBITED CONNECTIONS

Under no circumstances may any of the following be connected to the sanitary sewers, either directly or indirectly:

- (a) Foundation under-drains, or sump pumps
- (b) Area drain or yard drain
- (c) Rain conductor or down spout
- (d) Grease pit
- (e) Air condition equipment, except condensation which will be permitted under conditions approved by the Authority
- (f) Storm water inlets or catch basins
- (g) Drains from pieces of equipment or manufacturing process, except when specifically authorized under the provisions of these Rules and Regulations.

5.9 SPECIAL CONNECTIONS

Building sewers and house connections to public buildings, churches, apartment houses, commercial establishments, and industrial establishments, shall be installed to conform to detailed plans and specifications approved by the Authority.

5.10 PROPERTY SERVED BY SINGLE BUILDING SEWER

A building sewer from the curb, easement line or right-of-way line to a property shall not serve more than one building unless otherwise approved. Upon proper application of the owner, a property may be served by two or more building sewers, each of which, for billing purposes, may be considered as being one customer account.

5.11 SINGLE BUILDING SEWER WITH TWO OR MORE CUSTOMERS

Where two or more customers served through a single building sewer, any violation of the rules of the Authority, with respect either or any of said customers, shall be deemed a violation as to all, and unless said violation is corrected after reasonable notice, the Authority may take such action as may be taken for a single customer. However, such action will not be taken until a customer who has not violated the Authority's rules has been given a reasonable opportunity to connect his pipe to a separately controlled building sewer.

5.12 POLICY ON BLOCKAGES AND REPAIRS

Following is the policy of the Authority with regard to procedures for repairs of building sewers and house connections to the Authority's system:

- A. In the event of a stoppage or a failure in a building sewer or house connection, the property owner shall be responsible for endeavoring to correct the situation and for obtaining a measurement to the point of stoppage or failure.
- B. If the problem is found to exist between the sewer main and the house or building, then the property owner shall be responsible for proceeding with all necessary corrective work.
- C. If the work is performed by the Authority and it is found that the problem has been caused by faulty use of the sewer by the property owner, such as a discharge of bulky materials, discharge of acids, etc., then all costs must be borne by the property owner, including costs of labor of any Authority personnel and costs of equipment and materials provided by the Authority, and shall be paid promptly be the property owner to the Authority (If not paid promptly, the amount of said costs shall be added on to the next sewer bill submitted to the property owner).

5.13 POLICY ON MISSING OR DAMAGED CURB CLEAN-OUT CAPS

When an Authority inspection indicates that a sewer cap or clean out is missing or damaged, the customer will be notified that the facility must be repaired or cover replaced, within seven (7) days. After that time period, the Authority will replace or repair the clean out or cap and the customer will be charged for parts and service.

5.14 UNAUTHORIZED CONNECTION

No unauthorized person (s) shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer, service lateral, or appurtenance thereof without first of obtaining a written permit from the Authority.

5.15 FLOOR DRAINS

The connection of floor drains to the sewer system may be permitted by the Authority, on a case-by-case basis, subject to but not limited to the following criteria:

- (a) No interconnection of storm water drains with the sanitary sewer system will be permitted.
- (b) Assurances must be provided by all current and future owners of the property, that discharges into the floor drains will never include waste oil, gasoline, coolant, antifreeze, brake and transmission fluids, paint, volatile or explosive

liquids. Also, no discharge of any item prohibited by USEPA, NJDEP, or PLBMUA regulations shall be permitted. The property owner shall be responsible to determine restricted items. Such assurances may include deed restrictions, affidavits, annual permits, or other form of assurance determined by the Authority.

- (c) Any floor drain located below the street level will be required to have a check valve installed prior to connection to the sewer system. The property owner shall be responsible for the maintenance of the check valve.
- (d) The property owner shall be responsible for the maintenance of all floor drains.
- (e) Notices are to prominently post and maintain, by the owner, instructing the building occupants as to the restrictions on floor drain use. Such notices must be maintained and replaced or updated when necessary.
- (f) A grease, oil, and sand separator will be required on the outlet pipe from the floor drains as required in Section 3.4 of these regulations, unless waived by the Authority. The above noted devices will be located outside of any structure or building and subject to inspection by the Authority. An approved clean out must be installed between the above-described devices and the property line prior to connection to the sewer system.
- (g) Additional pre-treatment units, controls, access manholes and special facilities may be required for special installations.
- (h) The Authority will conduct quarterly tests of flow, utilizing a NJDEP approved laboratory. All costs will be borne by the property owner, including surcharge billing.
- (i) The Authority reserves the right to order or disconnect floor drains from the sewer system for repeated violations of these rules and regulations.
- (j) Any floor drains in existence prior to the adoption of this regulation shall be required to conform to the terms of this section

5.16 SWIMMING POOL CONNECTIONS

The connection of swimming pools to the sewer system may be permitted by the Authority on a case-to-case basis after application, inspection, and approval by the Authority. Such approval will be conditioned upon the following matters:

- (a) The only acceptable discharge will be from the pool contents; from treatment system backwash, and from restrooms. No discharge of other wastes will be permitted; particularly from but not limited to cleaning fluids, acid wash solutions, filter sand, leaves, twigs, or other materials which would otherwise not be acceptable into the sanitary sewer system of the Authority.
- (b) In order to limit the rate of discharge, the maximum pipe size for connection to the Authority's system will be two-inch cast iron or polyvinyl chloride pipe for gravity systems. The maximum size for pumping systems will be one equivalent orifice. Exceptions may be made to this requirement on a case-to-case basis only in the event of a problem with pipe slope, or if the discharge is into an Authority sewer twelve-inches in diameter or greater.
- (c) Connection to the Authority system must be preceded by an acceptable screening device.
- (d) The discharge pipeline must include a double check valve, to insure against backup from the Authority system into the pool.
- (e) Each applicant must be accompanied by a sketch showing the exact location of the desired connection, and the pipeline, valves, appurtenances, and pool structure. Any change from the plant must be noted on the as built sketch.

- (f) Connection to the Authority sewer must conform to standard Authority details, including a curb riser, approval saddle, and a proper lateral connection. Pavement, curb, and sidewalk restoration, if any, must meet Borough requirements.
- (g) Notice must be given to the Authority upon each instance which a portion or all the pool water is to be discharged into the Authority system.
- (h) The Authority reserves the right to order the disconnection of pool drains from the sewer system for repeated violations of these Rules and Regulations.
- (i) The Authority will require proper insurance and indemnification before work is undertaken in the public “right-of-way”.

SECTION 6 – TAMPERING WITH THE SYSTEM

6.1 TAMPERING WITH SYSTEM

No person (s) shall maliciously, willfully, or otherwise break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which is part of the Pompton Lakes Borough Municipal Utilities Authority wastewater facilities. No person shall enter upon property of the P.L.B.M.U.A without the express permission of the Authority.

SECTION 7 – TECHNICAL DESIGN AND CONSTRUCTION STANDARDS

7.1 STATE AND AUTHORITY STANDARDS

Sewerage facilities shall be designed and constructed in strict accordance with the current edition of the New Jersey Department of Environmental Protection “Rules and Regulations”, the “Plumbing Code of New Jersey”, and the Authority’s “Specifications for Sewer Construction”.

7.2 SPECIAL FACILITIES

Pumping stations, metering and sampling stations, air relief and vacuum breaker chambers, pretreatment facilities, flow equalization facilities, package treatment plants and other sewerage facilities shall be designed and constructed subject to the approval of the Authority and based on the specific characteristics of each project.

7.3 CONSTRUCTION STANDARDS

Construction standards shall meet the specifications under Section 12 for sewer system and pumping station construction. Pipe, manholes, pumping station equipment, and appurtenances shall be installed in accordance with manufacturers recommendations and Authority standards. The methods and means of construction shall be employed so as to produce an end product, which is durable and safe. The Authority or the Authority’s engineer shall resolve any questions as to the construction methods used.

All work shall be open for access by representatives of the Authority, who may inspect all construction and reject any non-conforming work or materials. Construction is not deemed complete until after final acceptances, which will not occur until all work is tested and all sites cleaned, final pavement is placed over sewer installations, a suitable operating and testing period is completed for pumping stations, and until a final inspection is made by Authority personnel.

The Authority or its Engineer may require testing of installations, materials, or equipment, to insure adherence to specifications or standards. Any items that fail testing shall be replaced or repaired as approved.

Notice shall be provided to all utilities and public safety officials when operating in the public right-of-way. During construction all public or private utilities shall be properly protected. Any damaged facilities shall be promptly repaired or replaced to the satisfaction of their owners.

7.4 SAFETY PROVISIONS

It is understood that the contractor will be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work. He will take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury, or loss. HE will erect and maintain, as required by the conditions and the progress of the work, all necessary safeguards for safety and protection and in addition he will comply with all applicable recommendations of the Manual of Accident Prevention in Construction of the Associated General Contractors of America, Inc.

If at any time, in the opinion of the Authority, the work is not properly safe in respect to public travel, persons on or about the work, or public or private property, the Authority shall have the right to order such safeguards to be erected and such precautions to be taken as it deems advisable, and the Contractor shall comply with such orders. If, under such circumstances, the Contractor does not or cannot immediately put the same into proper and approved condition, or if the Contractor or his representative is not upon the site so that he can be immediately notified of the insufficiency of safety precautions, then the Authority may cause the work to be put into such a condition that it shall be, in its opinion, in all respects safe, and the Contractor shall pay all expenses of such labor and materials as may have been used for this purpose by it. Such actions of the Authority, or failure to take such action, shall in no way relieve the Contractor of the entire responsibility for any cost, loss or damage by any party sustained on the account of the insufficiency of the safety precautions taken by him or by the Authority acting under authority of this section.

The Contractor shall comply with the Department of Labor Safety and Health regulations for construction promulgated under Occupational Safety and Health Act of 1970 (PL91-596) and under Section 107 of the Contract Work Hours and Safety Standards Act (PL91-54).

The project shall be subject to all of the Safety and Health Regulations as promulgated by the US Department of Labor on April 17, 1971. Contractors are urged to make themselves familiar with the requirements of these regulations.

The Contractor shall comply with the Pompton Lakes Borough Municipal Utilities Authority Confined Space Entry Program, and no Authority personnel will be permitted to participate in any work or interact with the Contractor if the Contractor does not have the appropriate equipment in compliance with said statute and with the Authority Program.

The Contractor shall keep on site, ready for immediate use, all articles necessary for giving "First Aid to the Injured". He shall also have standing arrangements for the immediate removal and hospital treatment of any employees or persons who may be injured on or about the work.

Any and all construction work requiring supervision by P.L.B.M.U.A. personnel must be performed in conformance with applicable OSHA, PEOSHA, Confined Space Entry Regulations,

and all other applicable Federal, State and P.L.B.M.U.A. regulations concerning job and employee safety. Authority personnel will not participate at any job site where the above-noted regulations are not adhered.

SECTION 8 – INSPECTION AND TESTING OF INSTALLED FACILITY

8.1 INSPECTION OF SEWAGE SYSTEM DURING CONSTRUCTION

All construction of sewage systems shall be under the jurisdiction of the Authority, either directly or through inspectors under the supervision of the Authority Engineer.

- (a) The Authority's Engineer and the Applicant's Engineer shall enforce compliance with the approved plans and specifications.
- (b) The Authority's Engineer or Superintendent shall have the Authority to have the work discontinued in the event of noncompliance.
- (c) The Applicant shall furnish the name of the occupant, the street address, and lot and block number to the Authority at least two (2) weeks prior to a request for a certificate of occupancy form the Construction Code Official to ensure that the lateral inspection has been accomplished, and all fees have been paid.
- (d) No sewer connections shall be made to the appropriate street main whether tested or not unless under the supervision and inspection of the representative for the Authority.

A temporary, leak proof bulkhead type plug shall be installed in the upstream (inlet) side of the manhole furthest downstream in any sewer main or branch under construction and shall remain intact and not loosened until permission is received from the Authority to remove same. This permission will not be granted until each section of the sewer has been cleaned and flushed in a manner acceptable to the Authority.

8.2 TESTING OF COMPLETED SYSTEM

All sewer mains shall be subjected to either an infiltration or ex-filtration test or under special circumstances to a low-pressure air test. Ex-filtration tests shall be conducted in lieu of infiltration tests when the pipe has been laid above the ground water level. Infiltration tests shall be used only when ground water level is above the crown of the sewer and completely surrounds the pipe during the period of testing. The tests shall be performed between two manholes or as otherwise directed by the Engineer for the Authority and shall include all related sewerage including house connections.

The Contractor shall furnish all labor, materials, and equipment necessary for the testing.

Ex-filtration tests shall be under at least a four (4) foot head or a pressure corresponding to a head equal to the depth of the lower manhole of the section under the test.

Allowable infiltration or ex-filtration shall not exceed a rate of 100 gallons per mile, per inch of diameter of sewer, per 24 hours.

In order to ensure that there shall be no gushing or spurting streams entering the sewer, the contractor shall be held responsible for water tightness of the line, shall satisfactorily repair all joints and other parts not sufficiently watertight and then shall make additional tests of the infiltration or ex-filtration until all visible leaks are eliminated.

Detailed criteria for testing, and special requirements, are included in the Authority's "Specifications for Sewer Construction."

Sewer Pipe Cleaning – After testing and before final acceptance of the work, the Contractor shall clean the entire sewer system, unless such procedures are specifically waived by the Authority. The cleaning method employed shall utilize Jet-Vac Sewer Cleaner or approved equal, and all material collected at the downstream end of the system shall be removed by vacuuming, and shall not pass downstream.

Upon completion and visual acceptance, all lines are to be internally examined using a television camera, to check for improper joints, off-grade pipe, and damaged pipe. The inspection is to be witnessed on a monitor screen by Authority personnel, or videotape is to be furnished, as approved.

SECTION 9 – BILLING, PAYMENTS, DELINQUENCIES, ETC.

9.1 RENDERING OF BILLS FOR SEWER SERVICE

- A) A bill for residential sewer service will be rendered on an annual basis and shall include four quarterly payments to each residential customer.
- B) A bill for commercial services who are not meter read will be rendered on an annual basis and shall include four quarterly to each residential customer. Charges are payable in advance for the quarter beginning with the billing date.
- C) Sewer service charges for each new unit will be initiated upon issuance of a Certificate of Occupancy of Temporary Certificate of Occupancy.

Bills for commercial sewer service customers who are meter read will be rendered on a quarterly basis.

9.2 DELINQUENT AND DISPUTED ACCOUNTS

Any bill unpaid thirty (30) days after the due date shall be classified as delinquent and shall be charged the minimum statutory interest rate per month. Any bill unpaid after sixty (60) days after presentation shall be subject to another maximum statutory interest rate per month. Any bill unpaid ninety (90) days after presentation shall be subject to discontinuance of service after not less than one (1) day of the hand deliverance of notice.

If service is discontinued for non-payment of the account, it will not be restored until the turn on fee (payable in cash) plus all unpaid charges are paid or satisfactory arrangements have been made for payment (See Rate Schedule).

If check used for payment is returned by the bank for any reason, a processing fee will be charged against the account (See Rate Schedule).

Any unpaid balance of service charges and interest thereon shall be a lien against the property and action shall be initiated pursuant to the procedures specified under N.J.S.A.40: 14A.

9.3 DISCONTINUANCE OF SERVICE

Service may, at the sole discretion of the Authority, be discontinued for any of the following reasons:

- (a) Misrepresentation in application.
- (b) Willful waste of water through improper or imperfect pipes, fixtures, or otherwise.
- (c) Use of sewer for any other property or purpose than that described in the application.
- (d) Tampering with any service pipe, or any other appliance of the Authority.
- (e) Nonpayment of any charge accruing under the application.
- (f) Refusal of reasonable access to the property for purposes of inspecting, reading, repairing, or removing meters and/or plumbing.
- (g) Making, or refusing to sever any cross connection between a pipe or fixture furnished by the Authority and a pipe or fixture from any other source.
- (h) Nonpayment of bills within time prescribed.
- (i) Violation of any rules of the Authority.

9.4 RENEWAL OF SERVICE

Service will be renewed when the conditions under which such service was disconnected are corrected and upon payment of all accrued charges provided in the schedule of rates or rules of the Authority.

9.5 DEPOSITS

Deposits will be required from new customers if the Home/Business is a rental or lease.

Any customer having paid a deposit shall pay bills for sewer services are rendered, in accordance with the Rates, Rules, and Regulations of the Authority. The deposit shall not be considered as payment on account of a bill during the time the customer is receiving service.

Deposits shall be returned to the depositor when he terminates said account by informing the M.U.A shall have paid that he no longer needs water service and all outstanding bills for service have been paid.

9.6 CONTINUING OBLIGATION TO PAY SERVICE CHARGE

Upon the connection to a sewer for an improved and usable property, the obligation to pay the minimal annual service charge continues despite the failure to occupy the property or to use the sewer facilities, so long as the building or structure on the property is still available for use and the sewer facilities remain available.

Without written notice, it shall be assumed that connections are or may be active, thereby requiring sewer service. Charges will therefore continue until written notice of discontinuance.

9.7 FORM OF PAYMENT

Form of payment may be by check, money order, US currency, online EFT, and/or credit or debit card. Online payment service fees apply. The Authority reserves the right to refuse payment rendered in significant amounts of coin. For any property on tax title lien, or any

accounts where a check was returned by the bank, payment must be in certified check, money order, or U.S. currency.

9.8 DISCONNECTION OF SEWERAGE FACILITIES

In the event that a sewer lateral service will be permanently discontinued, the Authority shall be notified in writing that the service billing will be terminated. The property owner must file P.L.B.M.U.A. Form E-5 for Disconnection of Sewerage Facilities, and the sewer lateral shall be permanently sealed watertight by the property owner in a manner subject to the approval of the Authority Inspector, with all costs of review and field observation being borne by the property owner.

SECTION 10 – RESPONSIBILITY FOR SERVICE

10.1 REASONABLE ACCESS

The properly identified agents of the Authority shall have the right to access to the premises served, at all reasonable hours, for the purpose of reading meters, collecting samples, examining fixtures and pipes, observing the manner of use, and for any other purpose which is proper and necessary in conduct of the Authority's business.

10.2 NO ORAL AGREEMENTS

No agent or employee of the Authority has authorization to orally bind by any promise, agreement, or representation not provided for in these Rates, Rules, and Regulations.

10.3 DAMAGE AND REPAIRS

Whenever any person(s), firm(s), partnership(s), corporation(s), or any combination thereof causes or has caused any damage to the sewer system or facilities of the Authority, the party or parties causing such damage shall immediately notify the Authority of such damage. The Authority shall have right to repair such damage or have such damage repaired, and shall have the further right to recover the full cost and expense of such repairs, including but not limited to the standard charge for work performed by the Authority employees, for materials, supplies and equipment used for such repairs, from the party or parties causing such damage.

10.4 MANDATORY SEWER CONNECTION (SEE POMPTON LAKES BOROUGH ORDINANCE)

The owner of any house, building, or structure located on a street along the line of any sewer which is now in operation or is constructed in the future in the Borough of Pompton Lakes shall connect the drainage of all sources of sewage in his house, building or structure who fails to connect to a sewer system after written notification by the Authority of the availability of service, shall be subject to the penalties and remedies of the Pompton Lakes Borough Ordinance, and the Authority shall notify the Borough of the property owner's failure to connect.

SECTION 11- FEES AND CHARGES

11.1 FEES AND DEPOSITS TO ACCOMPANY APPLICATIONS AND PERMITS

For standard applications, see table below for fees. Minimum deposits may be increased if the Authority review exceeds the minimum requirements.

APPLICATION	FILING FEE	REVIEW DEP.	INSP DEP.
FORM A Conceptual review of sewerage facilities	\$100	\$50 per connection unit minimum deposit \$1,000	N/A
FORM A Renewal authorization	\$100	\$50 per connection unit minimum deposit \$1,000***	N/A
FORM B Pumping station review	\$100	\$2,500 per pumping station	N/A
FORM C Construction authorization	\$250	\$1.50 per ft. of sewer plus \$500 per pumping station	10% of approved construction cost min. deposit \$1,000
FORM C Renewal authorization	\$100	\$1.00 per ft. of sewer plus \$500 per pumping station Minimum deposit \$1,000***	10% of approved Construction cost min. deposit \$1,000
FORM D (per app.) Performance bond Reduction/ Release	N/A	\$.50 per ft. of sewer plus \$500 per pumping station. Minimum deposit \$1,000, plus Pumping station deposit if Applicable. (re-application Deposit as required.)	5% of approved Construction cost min. deposit \$1,000 (re- application deposit as required)
Special Review	N/A	Minimum deposit \$500	Actual Cost**
FORM E-1 For connection of Residential Sanitary Sewer	\$50 *	Authority/ Engineer	Actual Cost*
FORM E-2 For connection of the Commercial Sanitary Sewer	\$500 *	Authority/ Engineer	Actual Cost**
FORM E-3 Industrial sewer connection application and industrial waste	\$500 *	Authority/ Engineer	Actual Cost **
Discharge agreement (fees additional to forms A thru D)	N/A	Authority/ Engineer	Actual Cost **
FORM E-4 Change of use	N/A	NONE (unless special review or analysis is required)	Actual Cost **
FORM E-5 Disconnection of Sewerage Facilities	N/A	Inspection Fee	Actual Cost **

FORM G Initial floor drain application	\$50 *	Actual Cost** Min. \$100 deposit for Floor drain review, plus any special costs of review because of unusual wastes Industrial processes, or Special circumstances.	Actual Cost**
Annual Renewal/ Floor Drain Permit	\$30 each drain	Actual Cost**	Actual Cost**

* (not including connection fees)

** (Actual Cost to P.L.B.M.U.A. – Time, Equipment and Materials, if applicable).

*** May be adjusted if re-application is unchanged from initial application.

11.2 SEWER SERVICE CHARGES

All owners of property connected to the sewer system of the Pompton Lakes Borough M.U.A. shall pay to the Authority, a sewer charge in accordance with the following schedule:

The sewer service charge shall be a set quarterly rate for each service unit, - but the Authority at its discretion may revise this rate upon proper public hearing.

The classifications of establishments connected to the sewer system and the Service Units chargeable to each establishment shall be as follows:

A. Residential Establishments:

1. Each Single-family residence – One service unit w/ a set quarterly flat rate of \$130.00
2. House trailers shall be one service unit.
3. Each apartment in a multi-family dwelling, apartment house, commercial or other building, shall be one service unit.

B. For all other buildings or establishments, including commercial establishments, industrial establishments (with only domestic sewage) schools and public buildings, the charge shall be:

1. One Bedroom Apartments: set quarterly rate of \$118.00
2. Rooming Houses: quarterly set rate of \$53.00 per unit
3. Commercial/Professional Buildings: set quarterly rate + overage charges
4. Churches/Schools: quarterly rate + overage charges

C. Well Water used and discharged into the sanitary sewers by Residential, Commercial, and Industrial Establishments.

1. Residential Single-family
 - a. Well Water Only – Sewer Quarterly Flat Rate \$130.00
 - b. Combined Well Water and Public Potable Water – Sewer Quarterly Flat Rate \$130.00

- Combined systems must have backflow prevention device installed and inspected by the Authority as per the N.J. Department of Environmental Protection (NJDEP) Regulations.
2. For all Other Buildings or Establishments, including Residential Multi-Family, Condominium Complex, School, Church, Commercial/Professional, and Industrial (w/ only domestic sewage).
 - a. Well Water Only – Quarterly Sewer Rate + Overage Charges
 - b. Combined Well Water and Public Potable Water – Quarterly Sewer Rate + Overage Charges
 - Combined Systems must have the Authority approved Water Meters installed on both the public water supply line and well water supply line.
 - Combined systems must have backflow prevention device installed and inspected by the Authority as per the Borough Plumbing Code and N.J. Department of Environmental Protection Regulations. The devices must be tested on a quarterly basis as per the NJDEP Regulations and kept on file.
 - Records of Backflow Inspections must be made available upon request by the Authority.
- D. Water used but not discharged into sanitary sewers by Commercial and Industrial Establishments.

Whenever any commercial or industrial establishment uses water in such a manner that water used is not discharged into the sanitary sewer system of the Pompton Lakes Borough Municipal Utilities Authority, the quantity of water so used and not discharged into the sanitary sewer system shall be excluded in determining the sewer charges for said premises; providing, however, that the quantity of water so used and not discharged into the sewerage system is measured by a device or meter approved by the Authority and installed by the owner of the premises and without cost to the Authority. In lieu of the installation of a device or meter for measuring the quantity of water not discharged into the Authority's sanitary sewer system, the owner of the premises may install at his own cost and expense, a device or meter for measuring the quantity of sewage discharged into the Authority's sanitary sewer system.

When, in the opinion of the Authority, it is not practical to install a measuring device to continuously determine the quantity of water discharged into or not discharged into the sanitary sewerage system, the Authority shall determine, in such manner or as it may prescribe, the quantity of water discharged into the sanitary sewer system either as a percentage of the total volume of metered water use or otherwise. The Authority shall determine any dispute as to the estimated amount and its decision shall be final for the current quarter. If the owner of the property is not willing to accept the determination of the Authority he may be required, for the purpose of determining future sewer rental charge, to install an approved measuring device as described in the paragraph above.

- E. Sewer Rental Charges to Commercial or Industrial Establishments without separate water meters.

Whenever two or more establishments are served by a single water meter the Authority may estimate the amount of water delivered to each establishment and may apply full or minimum charges to each establishment as enumerated above.

If the owner of the property does not agree to the Authority's determination of the sewer charge as set forth above, he shall, at his sole cost and expense, install separate meters for each building or establishment on the premises.

F. Floor Drain Charges

1. Floor Drains - \$30 Quarterly for 1000 sq. ft. (or part) of building area tributary to floor drains.
2. Vehicle Bays – \$30 Quarterly for bay where occasional car washing may be expected
3. Additional \$30 Quarterly per bay where occasional truck washing (exterior or interior) may be expected.

G. Swimming Pool Drains

1. For swimming pool sizes as follows:

10,000 to 20,000 gallons, additional .25 per service unit

20,000 to 40,000 gallons, additional 1.00 per service unit

Over 40,000 gallons, additional .25 per service unit per 10,000 gallons or part thereof

11.3 CONNECTION CHARGES

A connection charge or charges shall be imposed for each direct or indirect connection to the Pompton Lakes Borough Municipal Utilities Authority System. The charges shall be as per this rate schedule for each service Unit as defined in Section 11.15 under Initial Connection Charge, except where otherwise noted.

Initial charges for the right to connect directly or indirectly to the Authority's sewer system shall include a connection fee per unit, as unit is herein undefined under "Initial Connection Charge", as well as additions to fees and charges for inspections of the work to be accomplished by applicants in keeping with the Authority's Rules and Regulations as the same are promulgated, amended, modified, and supplemented from time to time. Such connection fees, which are and constitute a onetime initial charge for the right to connect to the Authority's Sewer System, are an integral part of the Authority's Rate Schedule and are a distinct and separate charge from all other rates and sewer charges and payment of one shall not constitute payment of the other.

Connection charge – The connection charge shall be a fee charged to any customer of the Pompton Lakes Borough Municipal Utilities Authority at the time of connection to the facility or facilities if said customer either directly or indirectly to any portion of the P.L.B.M.U.A. system, or at the time when sewer service becomes available, calculated on the basis of capital costs expended by the Authority to the date of calculation together with accrued interest thereon.

The connection charge shall be updated from time to time by the P.L.B.M.U.A. to reflect additional capital costs and additional interest accrued on the P.L.B.M.U.A. sewer system.

The current connection charges for water and sewer can be obtained on the Authority website, www.plbmua.org.

Upon an addition, alteration or change in use of any building already connected to the Authority's system; an additional connection fee may be charged based upon the sewer connection designations.

11.4 WASTE SURCHARGES

Waste volumes shall be based on a metered flow, collaborated (when requested) by water meter records, well pump elapsed time meters or other recordings or observations. Charges for volume shall be as shown in the rate schedule.

Waste strength shall not exceed the limits listed in the section entitled Industrial or Commercial Service without pretreatment. Where samples indicated that strengths exceed those of a domestically equivalent waste*, and if such wastes have been introduced into the Authority sanitary sewer system, surcharges will be imposed as follows:

The surcharges for Suspended Solids, Biochemical Oxygen Demand, Chlorine Demand, and other materials shall be 0.25/lb. for the concentrations in excess of the allowable limits listed within these regulations, as the same may be revised from time to time, plus 25% to cover the Authority's costs of administration and for the impact of those excess waste strengths on the Authority's sewer system, plus any and all testing costs associated with determining the excesses of parameter limits.

The surcharge for grease, oil, fats, either vegetable or mineral, shall be \$1.50 per pound for the concentrations in excess of the allowable limit of 100 mg/l.

Where any sample taken by P.L.B.M.U.A. or by the customer shows an excess of suspended solids and BOD in excess of 225 Mg/l, grease and oil in excess of 100 mg/l, and Chlorine Demand in excess of 10 Mg/l, then such surcharges as may be developed shall be applicable to a full or partial quarter assessment against the tested customer.

*For sewer service charges, domestically equivalent sewage shall have a BOD5 and suspended solids limit of 225 MG/l or less, and a chlorine demand of 10 Mg/l or less. Surcharges will be based on the excesses of BOD5, suspended solids and chlorine demand over the limits as noted above.

11.5 PAYMENT OF CONNECTION FEES

Single Family home, existing prior to the installation of collection lines by the Authority, and applying and connecting within thirty (30) days after notification of availability of Service by the Authority, payment must be:

- a) Payment in lump sum, or
- b) Payment in equal installments over a determined amount of time as decided by the Authority, commencing at time of availability of service, prior to connection (Balance to; be paid in full upon change in ownership).

Single family home built after collection lines were installed, payment must be:

- a) Payment in lump sum prior to connection or occupancy

Property owners who fail to make application and connection within the required time limits and do not have written certification from the Pompton Lakes Borough Municipal Utilities Authority of the Borough of Pompton Lakes indicating valid reasons for not connecting:

- a) Payments due in full on date service becomes available. Service is considered available upon notifications by the Authority, which is not necessarily at the time of connection.

For developments compromising 2 or more homes, payment must be made:

- a) Prior to submission of Application for Acceptance – Form D; or
- b) Phased in accordance with construction phases if so approved by the Authority.

Where multi-family or non-residential structures exist prior to the installation of the collection system, payment must be made:

- a) In full within 30 days after the notification that service is available.
- b) Prior to the connection if the connection is made within the thirty (30) day limit.

When multi-family or non-residential structures are built after the collection system is available for service, payment must be made:

- a) At the time of application, which must be prior to the connection and occupancy.

A change in use shall require the submission of Form E-4, k Change of Use, and may require the payment of an additional connection fee, if the connection fee for the resulting use is higher than the connection fee for the prior use at the time of change in use. The amount of the connection fee will be the connection fee for the resulting use, less the connection fee paid for the prior use of the property.

11.6 LEINS; RIGHTS AND REMEDIES: ENFORCEMENT

In the event that an initial service charge or connection fee or annual service charge with regard to any parcel or real property owned by any person, corporation, or other entity other than the State or any agency or subdivision thereof shall not be paid as and when due as hereinabove stated, the unpaid balance thereof and interest accruing thereon, shall be a lien on such parcel and all such liens shall become enforceable with and as any other municipal lien on real property in the municipality in addition to the other remedies of the civil suit of foreclosure or any other remedies which may be available and provided by and under the Laws and Statutes of the State of New Jersey in such case made and provided.

In the event that an initial service charge or connection fee or any service charge of the Authority with regard to any parcel of real property shall not be paid as and when due, the Authority may enter upon such parcel and cause the connections thereof to be cut and shut off until such service charge and any subsequent service charge with regard to such parcel and all interest accrued thereon, together with a re-connection fee shall be fully paid to the Authority,

and/or may avail itself of any and all other remedies which may be available and provided under the Laws and Statutes of the State of New Jersey in such case made and provided. The re-connection fee shall be the amount of all labor, materials and administrative costs incurred by the Authority. The minimum re-connection fee shall be \$25.00 (See 11.10).

All rights and remedies provided in this rate schedule and in any amendments or modifications hereof and supplements hereto for the collection and enforcement of rates and service charges, initial service charges, connection fees or tapping fees, rents, and rates, and all other fees and charges shall be cumulative and concurrent with and in addition to those provided and authorized in and by the Laws and Statutes of the States of New Jersey in each such case made and provided.

11.7 GARBAGE DISPOSAL FEES

The Authority will permit the use of domestic garbage disposal units; however, a special permit will be required and there will be a supplementary annual charge of 10% over and above the annual sewer service charge rate. This extra charge will be billed quarterly with the sewer service charge.

Nonresidential garbage disposal units may only be installed if approved in writing by the Authority and the annual charges shall be determined by the Authority on an individual basis.

11.8 FLOORS DRAIN FEES

The Authority may permit floor drains; however, an annual permit will be required, Form G. A supplementary charge over and above the annual sewer service charges, as per Section 11.2 E, will be assessed. This extra charge will be billed with the sewer service charge either annually or quarterly.

If roof leaders or storm drain connections are found to exist, the illicit connections must be removed immediately. On such finding, charges will be assessed retroactively at the rate of 0.25 units per one thousand square feet of tributary roof area or impervious area, retroactive for the period of use.

The Authority will charge \$75.00 for inspection of the floor drains if requested by the property owner.

The property owner will be responsible for all cost of annual permits, quarterly testing, inspections.

The property owner will also be responsible for any costs developed from test results showing violation of Section 3.4, 3.5 and 3.6. The property owner will also be responsible for any surcharge costs as per Section 11.4.

11.9 SWIMMING POOL DRAIN FEES

The Authority may permit commercial swimming pool drains; however, an annual permit will be required, Form H. A supplementary charge over and above the annual sewer service charge, as per Section 11.2 F, will be assessed. This extra charge will be billed with the sewer service charge either annually or quarterly.

11.10 MISCELLANEOUS CHARGES

Check Processing Fee – If a check used as payment is returned by the bank for any reason, a charge of \$15.00 will be charged against the account.

Turn- on Fee – If service is discontinued for any reason, the resumption of service will require pre-payment of a fee of \$25.00.

Sump Pumps- As stipulated elsewhere, the discharge from sump pumps may not be connected to the Authority sewer system. If found connected, the property owner will be charged on the basis of continuous discharge at 10% of the rated pump capacity (1 unit equals 100,000 gals. per year). Charges will also be levied retroactively for the period of use, to a maximum of two years. The property owner must remove any connected sump pump within 60 days after notice from the Authority.

11.11 OTHER RATES AND DEPOSITS FOR ESCROW

When any application shall be made to the Pompton Lakes Borough Municipal Utilities Authority other than those applications specifically provided for herein, there shall be deposited with P.L.B.M.U.A. an escrow fund which shall be utilized for purposes of paying for public hearings, stenographic expense, legal expense, engineering expense and such other expenses as may be experienced by the P.L.B.M.U.A. in hearing of the application of applications.

In such case the P.L.B.M.U.A. shall estimate the costs of such proceedings and shall advise the Applicant in written form, and the Applicant shall, prior to any such hearings and proceedings deposit with the P.L.B.M.U.A. the estimated sum of such escrow.

Upon conclusion of all proceedings and such other times as it may be necessary, the P.L.B.M.U.A. will account to the Applicant for all monies expended and shall advise in written form any surplus or deficit in the same. In the event of any deficit, Applicant shall promptly and prior to any further proceedings taking place deposit such additional escrow as may be required by the Authority.

11.12 SEVERABILITY

If any section, subsection, clause or provision of this rate schedule shall be adjudged unconstitutional or to be ineffective in whole or part, to the extent that it is not adjudged unconstitutional or is not ineffective, it shall be valid and effective and no other section, subsection, clause, or provision of this rate schedule in any one or more instances or under any one or more circumstances shall not be taken to affect or prejudice in any way its applicability or validity in any other instances or under any other circumstances.

11.13 RESOLUTION

All Resolutions or parts of Resolutions in conflict or inconsistent with the provisions thereof are hereby repealed, but only, however, to the extent of such conflict or inconsistency; it is the legislative intent hereof that all other Resolutions or part of Resolutions enacted by the P.L.B.M.U.A. now existing or in effect, unless the same being in conflict or inconsistent with any provisions of this Resolution shall be and remain in force and effect.

11.14 REVISIONS OF RATES, RULES, AND REGULATIONS

The Authority reserves the right to revise, amend or supplement, from time to time, these Rates, Rules, and Regulations for water and sewer service.

11.15 MINIMUM ANNUAL CHARGES AND INITIAL CONNECTION CHARGES

The calculation of minimum Service Units for each connected property shall be based on the following schedule (See Section 11.2 and 11.3 for full charges):

	<u>Minimum Service Units for Annual Charge Purposes</u>	<u>Minimum Service Units for Initial Connection Charge Purposes</u>
A. Single Family House	1.00	1.00
	<u>Minimum Service Units for Annual Charge Purposes</u>	<u>Minimum Service Units for Initial Connection Charge Purposes</u>
B. Multi-Unit Housing (Note 1) (Including apartments, hotel/ motels, townhouses, trailer stalls, dormitories, condominiums, etc.)		
a) For each apt. in a multi-family dwelling	1.00	1.00
b) For each house trailer	1.00	1.00
c) For each separate hotel motel type room with individual sanitary facilities	1.00	1.00
d) For each separate hotel motel room without sanitary facilities (or if jointly used)	0.90	0.90
C. Schools (Note 2)		
a) For each 70 persons of student and staff population, with showers, cafeteria, or water using laboratories	1.00	1.20
D. Commercial Establishments (Note 11) (Including stores, offices, shopping centers, fountains, restaurants, Dentists, Doctors, etc.)		
a) For up to 4 persons		

employed full time	1.00	1.00
E. Public Buildings (including municipal buildings, post offices, fire houses, libraries, etc.)		
a) For up to 4 persons employed on premises	1.00	1.00
F. Religious Institutions (Note 2)		
a) For congregations up to 100 seats	1.00	1.00
G. Swimming Pools Drains		
a) For swimming pool sizes 10,000 gallons to 20,000 gallons	0.20	0.20
b) For swimming pool sizes 20,000 gallons to 40,000 gallons	0.80	0.80
c) For swimming pool sizes in excess of 40,000 gallons, per 10,000/ gal. or part thereof	0.20	0.20

Notes Regarding Minimum Annual Charge and Initial Connection Charge Schedule:

- Note 1 Charge is per unit, whether occupied or not.
- Note 2 Part time schools to be considered based on days of occupancy (assuming 5 days as full-time occupancy).
- Note 3 Charge is for either separate establishments or for an auxiliary establishment (e.g., a restaurant in a major hotel). Charges shall be pro-rated for additional hours.
- Note 4 This charge also applies to separate bar in a restaurant.
- Note 5 Based on 10 hours of weekly use; additional use to be pro-rated.
- Note 6 Based on 30 hours of weekly use; additional use to be pro-rated.
- Note 7 A domestically equivalent waste is one that possesses the following characteristics:
- a) Bio-chemical oxygen demand and suspended solid concentrations less than 225 Mg/l
 - b) Meets the standards for acceptable waste (through pre-treatment if necessary) described in the Authority's Rules and Regulations of the Passaic County Utilities Authority regulations, or the State approved NJDES permits.

If wastes exceed the requirements in concentration or constituents, the Authority may:

- (1) Refuse to accept the wastes

- (2) May require pre-treatment to acceptable levels, or
- (3) May impose charges based on the cost of transporting or treating the wastes, including industrial cost recovery charges, if imposed.

Note 8 Minimum number of service units shall be one-half the preceding years' service units. For a new establishment with no water consumption history, the Authority will estimate water consumption at full plant capacity and will set the minimum services unit charge at 50% of plant capacity.

Note 9 250% of the computed minimum service unit charges.

Note 10 Where the industrial waste flow has less than one-half the process strength of average domestic waste, the daily flow of process waste is greater than 100,000 gallons and, at the option of the P.L.B.M.U.A. system only during hours to be specified, the service charge unit shall be 1.00, and the initial connection charge unit shall be 0.10.

Note 11 Unless otherwise noted, use shall be assumed to be for an 8-hours daily, 5-day week.

General Notes Regarding Sewer Service Charges

1. Interest will be charged on delinquent accounts at the maximum rate permitted by statute.
2. Charges for new installations, connections, inspections, etc., will be made on the basis of actual cost to the Authority
3. Charges are levied in advance of service
4. Sewer charges shall be reviewed and revised (if necessary) on a semi-annual basis.
5. Extraneous flows originating from infiltration and inflow shall be considered an equal burden and shall be equally apportioned throughout the rate system.
6. Mixed use properties shall be charged service charges and connection charges based on each separate use.

Section 12 – Specification for Sewer Construction

12.1 EARTHWORK AND BACKFILL

Limits of Excavation- Excavations shall be made to the approved lines which shall be of sufficient width outside the structures to give room for placing and removing forms for concrete and for forming pipe joints. Excavations for all structures shall not be plowed, scraped, or machine dug closer than three (3) inches to the finished subgrade. The last three inches of depth for all structures including pipe shall be removed with pick and shovel to the exact lines and grades just before placing foundation material, or pipe supports. Due allowance shall be made for excavating to a depth below the pipe invert to accommodate foundation material or pipe supports. Bell holes shall be hand excavated for nay pipe with a bell dimension larger than the pipe barrel.

In general, the widths of pipe trenches shall not be wider than the outside diameter of the pipe barrel plus two (2) feet at the level of one (1) foot above the top of the pipe unless otherwise approved.

Blasting for rock excavation will be permitted only on approval of methods and in compliance with applicable Federal, State, and local regulations.

Storage and Disposal – Excavated material, which is suitable and approved for backfill and fill shall be placed in storage piles unless or until it can be placed in the work. It shall not be placed close to the sides of excavations, where the weight of the material could create a surcharge on such sides, whether sheeted or not.

Unsuitable material, or material in excess of that required by fill, backfill or other purposes, including any stored surplus, shall be disposed of away from the sewer construction site.

Sheeting and Bracing – Where excavations are made with sides which require supporting, sheeting and bracing shall be used, of sufficient strength to sustain the sides of the excavations and to prevent movement which could in any way injure the work or diminish the working space sufficiently to delay the work. Sheeting shall be of a material that will not split while being driven. Sheeting and bracing shall conform to the requirements of “Construction Safety Code” of the Bureau of Engineering and Safety of the New Jersey Department of Labor and Industry, and to OSHA requirements.

Dewatering – The Contractor shall provide, operate, and maintain satisfactory facilities and equipment including well points, and cofferdams, if necessary, with which to contain, collect and pump all water entering excavations or other parts of the work to suitable places for disposal. All excavations shall be kept free of water until the work of structure to be built therein is completed.

Backfill and Fill – All backfill and fill under pipes and all structures shall consist of suitable approved foundation materials. All other backfill and fill, unless otherwise specified or required, shall consist of a suitable selected and approved earth or sand generally from storage of approved suitable excavated material, free from rejected organic matter, boggy, peaty humus, or other unsuitable material such as unconsolidated silt, rubbish waste, ashes, or cinders and with less than 15% of size 200 sieve material. If sufficient suitable material for backfill is not available from the excavated material, as determined by the Engineer, the Contractor shall procure elsewhere a sufficient quantity of suitable bank run sand gravel and shall furnish and place such material. No frozen earth shall be used for backfilling, and all stones more than six (6) inches in the largest dimension shall be removed from acceptable earth for fill.

Backfills and fills shall be made to the slopes, grades, and elevations shown on the contract drawings. Backfills shall be compacted, as hereinunder specified, to a density at least equal to that of the adjacent undisturbed soil, so as to avoid future unequal settlement.

No backfill shall be placed until the structure has been inspected in place and approved. Backfilling shall be carried out as soon as possible after such approval.

Placing and Compacting Backfill – Trenches shall be backfilled from the top of the foundation material to a depth of not less than twelve (12) inches over the pipes using only back run sand and gravel. Such material shall be uniformly placed on each side of the pipe in six (6) inch layers, wetted as required, and firmly compacted by approved tamping machines. Care shall

be taken not to damage the pipe. After a compacted coverage of twelve (12) inches has been made, the remainder of the trench shall be completely filled in an approved manner.

Puddling for compaction will not be permitted except as approved by the Authority Engineer. Bulldozing of backfill material into trenches will be prohibited unless it is done in uniformly spread layers, not over twelve (12) inches thick and immediately machine tamped. In existing or proposed roads, backfill shall proceed in twelve-inch layers and shall be machine tamped. The developer shall provide material as required to compensate for settlement of backfill and fill.

When sheeting is being withdrawn, all cavities left thereby shall be filled with suitable granular earth, hosed or tamped in place so as to thoroughly fill all voids.

For plastic pipe, the bank run sand, or gravel must be specifically compacted with mechanical tampers, after sprinkling with water to obtain optimum moisture content. Final in-place density must be at least 90% of the maximum density obtainable with the material used as determined by AASHTO Designation T 99 compaction and density tests, using Method "C".

Foundation Material – Foundation Material used for pipe bedding, from a minimum of 6-inch distance below the pipe invert to the lower quarter point of the pipe, shall be bank run sand and gravel or crushed stone. Pipe embedment material from the lower quarter point to 12 inches above the top of the pipe shall be back run sand and gravel, crushed stone or gravel shall not be used as foundation material for truss pipe or polyvinyl chloride pipe.

Back run sand and gravel shall conform to the requirements of the New Jersey State Highway Department, 1968 Revisions, Standard Specification for Type 1, Class A back run sand and gravel, while crushed stone shall conform to the requirements of the New Jersey States Highway Department Standard Specifications, Division 8, Section 8.1, Type 1, Class B. Frozen and lumpy material shall not be used.

All foundation material shall be placed and compacted as directed and approved by the Engineer.

Construction Safeguards – All excavation for sewers and/or house connections shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, driveways, curbs, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Borough of Pompton Lakes.

12.2 PIPES AND FITTINGS

Pipe Material - Gravity sewer and house connection pipe shall be either XHD Cast Iron or Ductile Iron Pipe at the Contractor's option. Force mains shall be ductile iron. Pipe materials, fittings and installation shall conform to the applicable provision of the following paragraph.

Ductile Iron Pipe and Fittings – Ductile iron pipe shall be flexible (bell/spigot) joint or mechanical joint, at the Contractor's option.

All ductile iron pipe and fittings, for sewers and house connections, shall conform in all respects to ASA Standard A21.51. For thickness, Class 52 cement lined bell and spigot joint shall be utilized on all gravity and pressure sewer pipe.

Ductile iron pipe fittings for pressure pipe (including bends, tees, etc.) shall be furnished with mechanical joint bells on all inlets, outlets, and branches even though they may be used with flexible joint pipe. Flexible couplings shall be constructed of steel and shall be equal to Style 38 of Dresser Manufacturing Division, or the similar product of the Smith Blair Corp. and shall be at least twice as long as the nominal O.D.

Ductile Iron Force Main Pipe

All ductile iron pipe and fittings for pressure pipe shall conform in all respects to ASA Standard A 21.51 for Thickness Class 52. Flexible joint pipe shall be equal to the "Tyton Joint" pipe manufactured by the United States Pipe and Foundry Company, or the "Super Bell-Tiote Push-On Joint" pipe manufactured by the Clow Corp. Mechanical joint pipe and fitting shall conform to ASA Standard A 21.11 and shall be equal to the product of the afore mentioned manufacturers. Gaskets shall be full faced, furnished with plain tips. Gasket dimensions shall be in accordance with the manufacturer's standard design of dimensions and tolerances.

Plain ends of pipe for coupling joints shall be prepared in strict accordance with the requirements and instructions of the manufacturer of the coupling to be used.

All ductile iron pipe and fitting shall have a protective internal lining consisting of two coats of asphalt varnish and an exterior coating of an approved tar pitch varnish and Portland cement lining.

At all horizontal and vertical bends of 22 ½ or greater, force main pipe shall be harnessed back a minimum of 20 feet or two full pipe lengths, whichever is greater, in both directions (alternately locking retainer glands are acceptable as joint restraint). Actual harnessed lengths shall be related to maximum pressure and pipe diameter and shall be approved by the Authority. Harness rods shall be the same size as the bolts for mechanical joint pipe, AISC, A-50 high strength steel, conforming to the requirements of ASTM Designation A325. Where harness rods are used in conjunction with bell/spigot joint pipe approved socket clamps shall be installed to brace the pipe bells against movement. The set bolts in all clamps shall be torqued to a minimum of 70 foot- lbs. to provide an adequate friction fir against movement.

All harness rods, clamps, and connectors shall be coated with two 2-mil thick coats of Intertol 49 Thick, or equal. Thrust blocks will not be used in future or existing street locations.

House Connections- House connections shall be as shown on the typical details and specified herein. Except as otherwise shown, house connections shall be four (4) inches minimum in diameter. The contractor may furnish and install Ductile Iron Pipe Class 52. No P.V.C. in street or heavy traffic areas (e.g., driveways). Fittings shall conform to the applicable provisions of the various pipe specifications as detailed hereinabove.

Watertight plugs or caps, as approved by the Authority shall be provided at the end of all connections. Only watertight plugs with gaskets shall be provided at the end of all house connections, which are capable of withstanding exfiltration testing. Curb cleanouts shall be equipped with recessed bras plugs, and with "Fernco" Donut-type adapters in order to relieve stress on the pipe. All cleanout plugs shall be vented.

The contractor shall mark the curb or pavement opposite the end of each house connection, in a suitable and approved permanent manner, with at least three (3) distance measurements to permanent locations on the serviced property.

The contractor shall be responsible for installing house connections on all improved building lots whether house connections are shown on the drawing or not.

Service laterals beyond the curb cleanout can be equal to or less than the diameter of the stub form the main as required by the Authority. Pipe joints of dissimilar material shall be made only with approved adapters. All house connection laterals shall have a minimum cover of 36-inches, unless otherwise approved.

Check valves of an approved type will be required in all building sewers, house connections, or laterals, which serve fixtures below the street level. Check valves must be accessible from inside of building (not embedded in slab). Further, check valves will be required on any new building sewer where the lowest fixture is below the rim of the next upstream manhole.

Pipe Laying and Installation – All pipe fittings shall be installed to the lines, elevations and grades shown or ordered, and in accordance with the manufacturer’s recommendations.

Suitable tools and equipment shall be used for proper handling, storing, and laying of pipe and fittings. In order to avoid damage to interior coatings, lifting hooks or bars shall not be inserted therein.

O-rings and gaskets shall be stored in locations where air temperatures are maintained within the manufacturer’s tolerances.

Each pipe and fitting shall be checked for defects and injuries as installation proceeds. Imperfect pipe materials shall be rejected and removed from the work. Pipe found to be defective after installation shall be removed and replaced by undamaged material.

The Contractor shall excavate and dewater the trench below the pipe invert, to limits shown or ordered, and place the pipe on foundation material, as shown, specified, or ordered.

A temporary leakproof bulkhead type plug shall be installed in the upstream (inlet) side of the manhole furthest downstream in any sewer or branch under construction and shall remain intact and not loosened until permission to remove it is received from the Authority. The plug shall be securely tied to a manhole rung to insure against its being carried downstream.

Testing – The contractor shall conduct tests or submit certificate from pipe manufacturers approved by the Engineer, for strength of pipe prior to furnishing the pipe.

Strength of tests shall be conducted on not less than one percent of the number of lengths of each size of each class pipe used, except that not less than one or more than five tests shall be required.

Ring tests on ductile iron pipe shall be in accordance with ANSI Standards A21.8.

Hydrostatic pressure tests shall be conducted on two pipe lengths of D.I. Force pipe with a standard joint in accordance with the requirements of AWWA Standard C150.

All tests shall be performed in the laboratory of the pipe manufacturers, or a local laboratory selected by the Engineer.

The Owner's representative will select all testing samples from pipe lots assigned for the job and will witness all tests.

The Contractor shall bear the costs of all pipe testing.

Pressure pipe shall be tested for leaking after installation. The duration of each test shall be not less than four (4) hours. The Contractor shall provide all necessary facilities, water, bulkheads, apparatus and all required labor.

Force mains shall be tested under a constant hydrostatic pressure of 100 psi.

Leakage in force mains shall not exceed 0.5 gph per inch of internal diameter per mile of pipe.

All leaks shall be made tight. Tests shall be repeated until the results are satisfactory.

Non-pressure pipe shall be tested for infiltration or exfiltration as ordered by the Engineer. Infiltration shall be limited to a maximum of fifty (50) gallons per day per inch of internal diameter per mile of pipe. If infiltration exceeds this amount, the Contractor shall do whatever is necessary to reduce infiltration to this limit. The duration of each test shall be no less than 8 hours. If ground water levels should be less than 1 foot above the crown of the pipe section to be tested, the Engineer may require testing during an alternate season, or may require exfiltration tests. For exfiltration tests, the test section shall be sealed and filled with water to a level three (3) feet above the crown in the upstream manhole; the water loss measured over an 8-hour period shall meet the infiltration limits. If there is difficulty in locating leaks, the Contractor shall provide smoke testing equipment or internal television inspection, as required.

Where deemed necessary, and approved by the Authority, air testing shall be permitted, conforming to ASTM designation C828-86 entitled "Low Pressure Air Test of Vitrified Clay Pipelines". This test is limited to conditions where the groundwater elevation is below the invert of the sewer line under test, where a water supply is not available, and where (in the opinion of the Authority) costs of standard infiltration/exfiltration testing would be prohibitive.

The Contractor shall provide all necessary facilities, water or compressed air, gauges, temporary bulkheads, weirs, and other measuring devices, pumps, and labor, as required and approved.

The Contractor shall notify the Engineer five (5) days in advance of the time the test is to be made. No test shall be accepted unless witnessed by the Engineer, his authorized representative or an authorized representative of the Authority, and all test or repair methods must be approved in advance.

Sewer Pipe Cleaning – After testing and before final acceptance of the work, the Contractor shall clean the entire sewer system, unless such procedures are specifically waived by the Authority. The cleaning method employed shall utilize Jet-Vac Sewer Cleaner of approved equal. And all material collected at the downstream end of the system shall be removed by vacuuming and shall not pass downstream.

Upon completion and visual acceptance, all lines are to be internally examined using a television camera, to check for improper joints, off-grade pipe, and damaged pipe. The

inspection is to be witnessed on a monitor screen by Authority personnel, or videotape is to be furnished, as approved.

Outside Pipe Coating – In some locations where soil conditions are organic and acidic in nature and are deleterious to pipe made of ferrous or other materials, the Engineer may order a coating for the outside surfaces of sewer and house connection pipe.

When so ordered, the outside coating shall consist of two (2) coats of asphaltic paint equal to Interol No. 49 Thick as manufactured by the Intertol Company, Inc. The total dry film thickness of the coating shall not be less than 10 mils.

The Authority may require the use of a root retardant system when deemed necessary to protect against root intrusion.

12.3 MANHOLES

Precast Concrete Manholes – Unless otherwise approved, manholes shall be constructed of precast reinforced concrete riser sections, an eccentric conical or flat or flat slab top section, and a base section as shown or required, and shall be equal to Atlantic Precast Concrete Products precast concrete manholes. Where required, eccentric-reducing sections shall be used to join riser sections of different diameters. Manufacture shall be by a wet, monolithic process. The top opening of the eccentric conical section, or top slab, shall be 30 inches, unless otherwise specified.

Manholes and appurtenances shall be as shown on the Typical Details.

Precast manhole sections shall be manufactured in accordance with ASTM Designation C478-64T. The minimum compressive strength of the concrete for all sections shall be 4000 lbs. per sq. inch. The maximum allowable absorption of the concrete shall not exceed 8% of the dry weight. Tests shall be similar to those described in ASTM C76. The circumferential reinforcement in the walls of all sections shall be a minimum of 0.12 sq. in. per linear ft. for inside diameters up to and including 54 in., and 0.17 sq. in. per linear ft. for the larger sizes. Reinforcement in flat slab top sections shall be designed for the load to be supported. Additional reinforcement shall be provided at all openings larger than six inches.

Joints of the sections shall be formed entirely of concrete in accordance with ASTM Designation C361-61 and shall be made with a round rubber gasket installed in accordance with the manufacturer's recommendations. Joints shall be self-centering and watertight against internal and external hydrostatic pressure with only the gasket utilized as the sealing element. Each joint shall be mortared in on the outside before back filling.

Base sections shall be furnished by the manufacturer with either embedded couplings or bells, or stubbed bells and spigots, of the same type of joint as the adjoining pipe. Approved alternatives will include manholes with a compressible rubber ring as manufactured by Atlantic or Omega, or with a flexible manhole sleeve as manufactured by Interpace. Waterways shall be constructed in the field after the manhole has been installed and shall conform to the shape and size of connecting pipes as shown on the Standard Details or ordered. Special care shall be taken to form channels with curved shapes that will provide the best hydraulic conditions for smooth flow. Benches shall be entirely of monolithically poured concrete and shall be sloped to drain to the waterways. Concrete used in forming waterways shall be a stiff, rich mix, as specified and shall be given a steel trowel finish.

Riser sections, conical sections, and the undersides of flat slab top sections, shall be given a protective lining consisting of two (2) shop coats of asphaltic paint equal to Intertol No. 49. The total dry film thickness shall be not less than 4 mils. The lining shall be applied in accordance with the manufacturer's recommendations. Base sections, after construction of the waterways and benches, shall be given two (2) field coats of protective lining as specified hereinabove, including waterways and benches, Foundation material under manholes shall conform to that specified in Section 12.1, Earthwork and Backfill.

Manhole frames shall be adjusted to finished grade by building a circular masonry collar above the precast manhole opening. Maximum height of the collar, from the underside of the frame to the top of the precast riser section, shall be 12 inches except where ordered. The built-up masonry may be a precast concrete ring, concrete brick, or sewer brick. Brick shall be sound, hard, well-burned sewer brick conforming to the requirements of ASTM Designation C-32, Grade MA and shall be laid radially. Mortar shall consist of two parts sand and one part cement, thoroughly mixed in the required proportions before adding water. After laying up the collar and setting the frame in a full bed of mortar, the exterior of the collar shall receive a minimum $\frac{3}{4}$ inch thick mortar coat to provide watertightness.

In areas to receive a pavement overlay, manhole frames shall be raised to finished grade utilizing the methods of the preceding paragraph. Adjustable manhole rings will not be permitted.

Manhole Appurtenances – Appurtenances shall include manhole frames and covers, and manhole runs. (See Typical Details).

Manhole frames and covers shall be of the best quality close grained gray iron casting conforming to the requirements of ASTM Designation A48, Class No. 30.

Unless otherwise indicated, manhole frames and covers shall be of the circular flared type of frame with round flange equal to Catalog No. 1203B as manufactured by Campbell Foundry Co., or equal.

Seating surfaces shall be machined. All parts shall be immersion coated with an approved asphaltic coating.

Slab type manhole frames and covers shall be equal to Catalog No. 1730 as manufactured by Campbell Foundry Co.

Watertight manholes with necessary bleeders shall be required in all areas that are located below the 100-year flood level as ordered. Watertight manhole inserts as manufactured by Methods Engineering Corp. an equal to their sewer guard unit shall be furnished and installed in accordance with the manufacturer's recommendations.

All covers shall be cast with the identifying letters as approved. Letters shall be two (2) inches high and embossed against a recessed background.

Manhole rungs shall be extruded aluminum alloy of the step drop front design, equal to Aluminum Co. of America or Washington Aluminum Co. Type 6061-T6. Rungs shall be cast in the vertical sides of the manhole section on 12-inch centers. Alternatively, rungs may be of steel core and fiberglass coating, if approved in advance by the Authority.

The contractor shall modify existing manholes by cutting masonry, setting pipe in place and filling with non-shrink grout. Waterways shall be chipped and roughed, and then finished with cement mortar to provide a smooth hydraulic flow.

Flexible joints shall be placed at the manhole wall, and within two feet of the wall, as shown on the Typical Details.

12.4 PUMPING STATION GENERAL REQUIREMENTS

General Information

1. Average Flow Rate – Based on 400 gpd per equivalent single-family connection, or 100 gal./cap./day. For housing units of 2 bedrooms or less, reduced flow rates may not be permitted. For non-residential uses, flow data published by the State Dept. of Environmental Protection and Energy may be used.
2. Peak Flow Rate – Use Chart Below:

<u>Avg. Flow</u> (mgd)	<u>Peak Flow</u> (mgd)	(gpm)
0.01	0.065	45
0.03	0.165	115
0.05	0.254	176
0.07	0.338	235
0.09	0.418	290
0.11	0.50	347
0.13	0.58	403
0.15	0.15	445

3. Number of Pumps- 2 pumps, each sized for peak flow.
-or-
3 pumps, each sized for 50% of peak flow
4. Miscellaneous – Structures must be sized adequately for maintenance and for future service areas and future equipment needs. These specifications are minimum requirements and additional criteria may be imposed at specific sites.
5. Calculations should be submitted for pump characteristics, and discussions held with the Engineer prior to final design in order to determine methods and materials to be used.

<u>Pumping Station Criteria:</u>	<u>Peak Flow of</u> <u>300 gpm or less</u>	<u>Peak Flow over</u> <u>300 gpm*</u>
1. <u>Location of Pumps:</u>	Wet or dry pit	Dry pit only
2. <u>Separated wet well/dry well</u>	Not required	Required
3. <u>Separated entrances for wet well / dry well</u>	N/A	Required

4. <u>Removal of Pumps – For routine maintenance and replacement.</u>	Floor Hatch, chain lift and pipe guides required	Floor Hatch and chain lift required
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* Over 1000 gpm capacity, special criteria to be provided.

5. <u>Access</u>	Imbedded alum. rungs	Alum. or concrete stairs
6. <u>Type of Pumps</u> – non-clog sewage pumps, capable of passing 3” sphere Minimum pump section and discharge size - - - Screens (provide means of cleaning)	4” Alum. basket	4” Cutting or shredding device required Alum. bars at ½” spacing on bypass
Priming of Pumps	Self priming	Pos. suction head
Sample Manufacturers (to set acceptable standards)	Flygt	Flygt
7. <u>Motors – Location</u>	Submersible, mounted on pump (explosion proof)	Above potential flood level; or use submersible dry well motor.
Motor – NEMA type	Type F or G	Type F or G
8. <u>Emergency Power</u>		
a) Generator Location	In Prefabricated building on the site, or in the super-structure	In super-structure
b) Power Requirements (Provide lockout of lag-pump upon generator operation)	Power at peak flow to operate lead pump, and for needed lighting, heating and ventilation	Power at peak flow to operate lead pump, and for needed lighting, heating and ventilation
c) Typical manufacturers – Caterpillar, Onan, Demco.		
9. <u>Other Electrical Requirements</u>		
a) Automatic Emergency Transfer Switch.	Required	Required
b) Pump Alternator – to alternate lead and lag pumps.	Required	Required

c) Electrical Cabinets (Housing starters, disconnect switch, circuit breakers, elapsed time meters, pup run indicators, etc.)	NEMA 2 in a heated super – structure or NEMA 4 outside.	NEMA 1 (super structure)
d) Lighting	Explosion proof required required thorough- out and on exterior	Explosion proof require through- out and on exterior
e) Power	3 Phase (Single phase only in special cases as approved).	3 phase
f) Physical lockouts on control cabinets	Required	Required
10. <u>Pump Intake</u>	On Pump	Sep. Flared intakes
11. <u>Level Controls</u> – (equal to the product of the Autocon Corp.)	Bubbler System (plus diaphragm units as backup at alarm pts.)	Bubbler System (plus diaphragm units as backup at alarm pts.)
12. <u>Valves</u> Shut-off valves	Discharge only	Suction and Discharge
Check Valves (weight or spring loaded)	Horizontal only	Horizontal Only
13. <u>Wet Wells</u> – Capacity based on pump operation	Max. 6 starts per hour. Max. volume = 10 min. at average flow	Max. 6 starts per hour. Max volume = 10 min. at average flow.
14. <u>Ventilation</u> Wet Well Dry Well Superstructure & Dry Well	15 changes/hr N/A Elec. Unit heaters	15 changes/hr 6 changes/hr elec. unit heaters
15. <u>Water Supply</u> – for flushing and cleaning (including back flow preventers).	Required on exterior and interior	Required on exterior and interior
16. <u>Gauges</u> – 4” pressure gauges.	Discharge only	Suction and Discharge
17. <u>Force Mains</u> – Min. velocity 2 fps at peak flow air relief valves at high points	D.I. Pipe only SCH 52	D.I. Pipe only SCH 52

18. <u>Structure</u>		
a) Substructure	Reinf. Conc.	Reinf. Conc.
b) Superstructure	Optional	Masonry
19. <u>Alarms and Controls</u>		
Alarms: Loss of power, high water, low water, pump failure, low room, temp., low air pressure, lag pump operation, internal pump seal, overload trip. Controls: H-O-A-, run lights, selector switches, etc.	On site audio- visual, and transmitted to central point	On site audio-visual and transmitted to central point
20. <u>Spare Parts</u>		
	Replacement Pump unit (complete) Compressor Spare starters (2) Alternator other parts as recommended by manufacturer.	1 set of rings, wear plate, shaft sleeve, shims. 1 impeller assembly, 2 sets of bearings, grease retainers, alternator, 30 packing sets, Compressor, Spare starters (2), other parts as rec. by manufacturers
21. <u>Service</u>		
Startup to include 2-day instruction program for station operator. Annual service contract required with approved pump service organization.	At least weekly inspection by maintenance man plus semi-annual inspections by approved pump service Organization. Operating manuals.	At lest twice a week inspection by a maintenance man plus semi-annual inspections by approved pump service organization. Operating manuals.

Pump Test Requirements After Installation

Pressure Check

- Calculate required pressure
- Check actual discharge pressure for each pump
- At least one pressure gauge with stopcock should be furnished with each installation with the ability to mount gauges at various locations
- Actual pressure should be within 5% of the required pressure

Flow Check

- Refer to specifications, reports, etc. for required flow
- Measure flow into station with pumps off
- Measure actual pump flow (5% of rated h.p.)
- Measure pump flow with both pumps on

Electrical

- Check amperage against nameplate data (pump on)
- Check voltage against spec requirements (use polyphase watt meter)
- Test emergency generator and transfer switch
- Test alarms and signals to remote location and at station
- Check proper sequencing and automatic alternation of pumping units
- Check lights, heaters, etc.

General

- Check that equipment is installed as required
- Check restoration
- Check general workmanship
- Check pump rotation
- Observe check valves during on/off operations
- Check float levels in wet wells
- Compute motor horsepower

$$\text{H.P.} = \frac{QH}{3960e}$$

where: H.P. = motor horsepower (1 H.P. = .748KW)

Q = peak flow (gpm)

H = total dynamic head (ft)

e = overall efficiency (per cent)

= e motor x e pump

e motor – 90% e pump from curves

Section 13 – Application Forms

Form A	Application for Conceptual Review of Sewerage Facilities
Form B	Application for Review of Pumping Station Facilities
Form C	Application for Authorization to Construct Sewerage Facilities
Form D	Application for Performance Guarantee Reduction/Performance Band Release for Sewerage Facilities
Form E-1	Application for Individual Connection of Residential Sanitary Sewer into the Existing P.L.B.M.U.A. System (Fees on Website – www.plbmua.org)
Form E-2	Application for Commercial Sewer Service
Form E-3	Application for Industrial Sewer Connection and Agreement for Industrial Wastes
Form E-4	Application for Change of Use of Existing Sewerage Facilities
Form E-5	Application for Disconnection of Existing Sewerage Facilities
Form G	Application for Floor Drain Approval
Form H	Application for Swimming Pool Drain Approval

Pompton Lakes Borough Municipal Utilities Authority
2000 Lincoln Avenue
Pompton Lakes, New Jersey 07442-1699
Telephone: (973) 839-3044
Facsimile: (973) 616-0434

INDUSTRIAL WASTE DISCHARGE AGREEMENT

THIS AGREEMENT made this day of 20 ; between the Pompton Lakes Borough Municipal Utilities Authority, with offices at 2000 Lincoln Avenue, Pompton Lakes, New Jersey 07442, (hereinafter referred to as the "Authority"), and with _____, with offices at _____ (hereinafter referred to as "Customer");

Witnesseth;

Whereas, the customer has applied to the Authority for permission to discharge industrial wastes into the sewer system owned and operated by the Authority; and Whereas, the Authority has agreed to accept said wastes subject to the provisions of this Agreement; Now, therefore, in consideration of the mutual premises and covenants contained herein, the parties agree it hereto as follows:

1. Rules and Regulations. The customer represents that he has reviewed the Rules and Regulations of the Authority and, particularly Section 3 thereof, relating to industrial and commercial service, and section 1.4 thereof relating to penalties for violations of the Rules and Regulations.
2. The customer has paid to the Authority or is paying simultaneously with the execution of this Agreement a connection fee in the amount of \$
3. Waste Characteristics. Customer agrees to install an industrial waste flow meter and sampler in accordance with section 3.9 of the Authority Rules and Regulations. The wastewater discharged by the customer into the Authority's system shall comply in all respects with Sections 3.4, 3.5, and 3.6 of the Rules and Regulations and customer agrees, if necessary, to pre-treat its wastewater discharge to bring it into compliance with the standards set forth in those Sections. The customer is hereby authorized to deviate from said standards in the following respects only (if none, state "none")
4. Service Charges. Customer agrees to pay annual service charges to the Authority in accordance with the Authority's Rates, Rules, and Regulations as the same may be amended from time to time. Customer acknowledges that it is aware that there are surcharges, which may be imposed for exceeding any of the standards set forth in Section 11.4 of the Authority's Rules and Regulations. The customer agrees to bear any cost incurred by the Authority for testing procedures to determine that the sewer flow is within the parameter limits established by the Authority.
5. Special Conditions. The following constitute the special conditions, which shall be applicable to the customer's discharge into the Authority's system: (if none, state "none").
 - (1)
 - (2)
 - (3)
6. Customer acknowledges that in the event it violates this agreement or the Authority's Rules and Regulations, the Authority may discontinue service to the customer, in addition to the other penalties provided in Section 1.4 of the Authority's Rules and Regulations.

FORM B – APPLICATION FOR REVIEW OF PUMPING STATION FACILITIES
FILL IN AS EACH ITEM MAY APPLY – USE N/A IF NON APPLICABLE

POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY
2000 LINCOLN AVENUE
POMPTON LAKES, NEW JERSEY 07442

P.L.B.M.U.A. PROJECT NUMBER _____ DATE _____

Application for REVIEW OF PUMPING STATION FACILITIES IN POMPTON LAKES; COUNTY OF PASSAIC, STATE OF NEW JERSEY. This application must be filed in duplicate with the Executive Director or the Authority, accompanied by all applicable fees in cash or certified check made payable to the Pompton Lakes Borough Municipal Utilities Authority. (NJDEP Construction Permit does not constitute construction authorization of this agency. Applicant must file this form for P.L.B.M.U.A. authorization to construct and is bound by all requirements incorporated in the authority's approval). All questions must be filled in; incomplete forms will not be accepted.

The applicant shall be responsible for reimbursement to the Authority for the costs incurred by it in the Design Review of the application and inspection during construction. Applicant must deposit with the Authority funds to be held in escrow for the payment of all fees; amount to be set forth by the Authority.

Approval of this application, if granted, is valid for one year from date of approval by the Authority (see section 4.4)

Applicants Name _____ Tax I.D. No. _____

Address _____ Phone (____) _____

Name of Present Property Owner _____

Address _____ Phone (____) _____

Interest of Applicant if other than owner of property _____

If a subdivision, most recent action by Planning Board _____

Key Location or Street Location of Pumping Station _____

Block no. _____ Lot no. _____

Development Name _____

Total Number of sub-sections or phases _____

7. Description, type and total number of proposed units to be served as per applicable P.L.B.M.U.A. Rules and Regulations:
Description _____

Type _____
B – REVIEW OF PUMPING STATION FACILITIES

Total No. Units _____ Units per each phase _____

8. Applicant's approved est. total construction cost of Pumping Station \$ _____

9. New Jersey Licensed Engineer designing pumping station plan:

Firm _____

Name of Engineer _____ Lic.No. _____

Address _____ Phone (____) _____

10. Attorney: Firm _____

Name of Attorney _____ Phone (____) _____

Address _____

11. List plans and other material accompanying application and number of each item (see P.L.B.M.U.A. Rules and Regulations, Section No. 4.4).

	Item	Number
a.	_____	_____
b.	_____	_____
c.	_____	_____
d.	_____	_____

12. Estimated calendar days required to finish project once authorization to construct is given

(est. starting date)

(est. completion date)

13. Phasing Schedule

Phase or Section

Expected Connection Date

14. Owner and applicant have read the P.L.B.M.U.A. Rules and Regulations and fully understand all necessary requirements. Yes / ____ /

In addition to the payment of applicable filing fee, escrow deposits and the posting of bonds, a connection fee for each applicable units is due and payable to the

B – REVIEW OF PUMPING STATION FACILITIES

Authority in accordance with Section 11.3 or the PLBMUA Rules and Regulations.
This Fee is Payable Prior to the Issuance of a Certificate of Occupancy.

Applicant or owners agree to convey by deed to the Pompton Lakes Borough
Municipal Utilities Authority easements for all sanitary sewer location and all rights
to sewer system.

(Signature of Applicant)

(Signature of Owner)**

(Name of Applicant, typed/printed)

(Name of Owner, typed/printed)

Applicant's Position or Title

Owner's Position or Title

** Owner's Signature is mandatory (See section 4.2)

FORM C – APPLICATION FOR AUTHORIZATION TO CONSTRUCT SEWERAGE FACILITIES
FILL IN AS EACH ITEM MAY APPLY – USE N/A IF NON APPLICABLE

POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY
2000 LINCOLN AVENUE
POMPTON LAKES, NEW JERSEY 07442

P.L.B.M.U.A. PROJECT NUMBER _____ DATE _____

APPLICATION FOR CONSTRUCTION OF SEWERAGE FACILITIES IN POMPTON LAKES, COUNTY OF PASSAIC, STATE OF NEW JERSEY. This application must be filed in duplicate with the Executive Director of the Authority, accompanied by all applicable fees in cash or certified checks payable to the Pompton Lakes Borough Municipal Utilities Authority. (NJDEP Construction Permit does not constitute construction authorization of this agency. Application must file this form for P.L.B.M.U.A. authorization to construct and is bound by all requirements incorporated in the authority's approval.) All questions must be filled in; incomplete forms will not be accepted.

The applicant shall be responsible for reimbursement to the Authority for the costs incurred by it in the Design Review of the application and inspection during construction. Applicant must deposit with the Authority funds to be held in escrow or the payment of all fees; amount to be set forth by the Authority.

Approval of this application, if granted, is valid for one year from date of approval by the Authority (see Section 4.5).

1. Applicant's Name _____ Tax I.D. No. _____
Address _____ Phone Number (____) _____
2. Name of Present Property Owner _____
Address _____ Phone Number (____) _____
3. Interest of applicant if other than owner of property _____

4. If as subdivision, most recent action by Planning Board _____
5. Key Location or Street Location of Pumping Station _____
Block No. _____ Lot No. _____
6. Development Name _____
Total Number of sub-sections or phases _____
7. Description, type and total number of proposed units to be served as per applicable
P.L.B.M.U.A. Rules and Regulations:
Description _____
Type _____
Total No. Units _____ Units per each phase _____
8. Applicant's approved estimated total construction cost of Pumping Station \$ _____

FORM C – CONSTRUCTION OF SEWERAGE FACILITIES

9. New Jersey Licensed Engineer designing pumping station plan:

Firm

Name of Engineer _____ Lic. No. _____

Address _____ Phone (____) _____

10. Attorney: Firm _____

Name of Attorney _____ Phone (____) _____

Address _____

11. List plans and other material accompanying application, and number of each item (see P.L.B.M.U.A. Rules and Regulations, Section No. 4.4).

ITEM	NUMBER
a. _____	_____
b. _____	_____
c. _____	_____
d. _____	_____

12. Estimated calendar days required to finish project once authorization to construct is given

_____ (est. starting date) _____ (est. completion date)

13. Owner and applicant have read the P.L.B.M.U.A. Rules and Regulations and fully understand all necessary requirements. Yes /____/

IN ADDITION to the payment of applicable filing fee, escrow deposits and the posting of bonds, a connection fee for each applicable units is due and payable to the Authority in accordance with Section 11.3 of the P.L.B.M.U.A. Rules and Regulations. THIS FEE IS PAYABLE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

Applicant or owners agree to convey be deed to the Pompton Lakes Borough Municipal Utilities Authority easements for all sanitary sewer locations and all rights to sewer system.

(Signature of Applicant)

(Signature of Owner)**

(Name of Applicant (typed/printed))

(Name of Owner, typewritten or printed)

Applicant's Position or Title

Owner's Position or Title

** Owner's Signature is mandatory (See Section 4.2)

FORM D – PERFORMANCE GUARANTEE REDUCTION/RELEASE
FILL IN AS EACH ITEM MAY APPLY – USE N/S IF NON-APPLICABLE

POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY
2000 LINCOLN AVENUE
POMPTON LAKES, NEW JERSEY 07442

P.L.B.M.U.A. PROJECT NUMBER _____ DATE _____

APPLICATION FOR PERFORMANCE GUARANTEE REDUCTION/RELEASE FOR SEWERAGE FACILITIES IN POMPTON LAKES, COUNTY OF PASSAIC, STATE OF NEW JERSEY. This application must be filed in duplicate with the Executive Director of the Authority, accompanied by all applicable fees in cash or certified check made payable to the Pompton Lakes Borough Municipal Utilities Authority. The applicant shall be responsible for reimbursement to the Authority for the costs incurred by it in the review of the application and inspection of completed construction. Applicant must deposit with the Authority funds to be held in escrow for the payment of all fees as prescribed in Section 11.1. All questions must be filled in; incomplete forms will not be accepted.

1. Applicant's Name _____ Tax I.D. No. _____
Address _____ Phone (____) _____
Contact Person Name _____ Phone (____) _____
2. Name of Present Property Owner _____
Address _____ Phone (____) _____
3. Interest of Applicant if other than owner of property _____

4. Development Name _____
Sub-section or Phase covered by this application _____
5. Street addresses, blocks and lots in section or phase covered by this application: _____

Block No. _____ Lot Nos. _____
Block No. _____ Lot Nos. _____
Block No. _____ Lot Nos. _____
6. Number of Units as per applicable P.L.B.M.U.A. Rules and Regulations:
Total for this development _____
Number covered by this application _____

FORM D – PERFORMANCE GUARANTEE REDUCTION/RELEASE

7. Does the as-built plan follow exactly the construction plan in regard to details and area covered? _____ If not, indicate significant changes _____

8. Performance Bond posted with Authority:

Amount \$ _____ Number _____

Date _____ Surety _____

Request Release _____ Request Reduction to: Amount \$ _____

The Authority reserves the right to adjust the amount of requested bond reduction.

9. List plans and other material accompanying application, and number of each item (see P.L.B.M.U.A. Rules and Regulations, Section No. 4.6)

ITEM	NUMBER/DATE
a. <u>Conveyance documents of easements (if required)</u>	_____
b. <u>As-built Plans</u>	_____
c. <u>Certified copy of Final Map recorded with County Clerk</u>	_____
d. <u>Proof of payment of fees</u>	_____
e. <u>NJS PERMIT TO OPERATE (of applicable units)</u>	_____
f. <u>Releases from parties having jurisdiction</u>	_____
g. <u>Signed P.L.B.M.U.A. Voucher for release of cash bond</u>	_____
h. _____	_____

10. Owner and application have read the P.L.B.M.U.A. Rules and Regulations and fully understand all the necessary requirements. Yes / _____ /

In Addition to the payment of applicable filing fees, escrow deposits and the posting of bonds, connection fee for each applicable unit is due and payable to the Authority in accordance with section 11.3 of the P.L.B.M.U.A. Rules and Regulations. THIS FEE IS PAYABLE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

(Signature of Applicant)

(Signature of Owner)**

(Name of Applicant, typed/printed)

(Name of Owner, typewritten or printed)

Applicant's Position or Title

Owner's Position or Title

Maintenance Bond (to be completed by Authority)

a) Release of Performance Guarantee approved by Authority on _____.

b) Amount of Maintenance Bond to be furnished \$ _____.

* Owner's Signature is mandatory (See Section 4.2)

Pompton Lakes Borough Municipal Utilities Authority
 2000 Lincoln Avenue
 Pompton Lakes, New Jersey 07442-1699
 Telephone: (973) 839-3044
 Facsimile: (973) 616-0434

FORM E-1: PERMIT FOR CONNECTION OF **SEWER** SERVICE INTO EXISTING PLBMUA SYSTEM

FEES:

Application: \$ _____

Connection Fee (1 BR Apt.): \$ _____ X # of Units: _____ = \$ _____

Conn. Fee (2BR Apt., S.F., M.F., C, I): \$ _____ X # of Units: _____ = \$ _____

Inspection: \$ _____ (per visit)

APPLICANT: OWNER _____ DEVELOPER _____

Name: _____

Address: _____ Phone Number: _____

SERVICE LOCATION: Street Address	Block No.	Lot No.
_____	_____	_____
_____	_____	_____
_____	_____	_____
REGISTERED PLUMBER:	PHONE	EMERGENCY PHONE
_____	_____	_____

TYPES OF STRUCTURE: HOUSE ___ COMMERCIAL ___ INDUSTRY ___

TECHNICAL REQUIREMENTS: APARTMENT ___ CONDO/TOWNHOUSE COMPLEX ___

Service from the house to the main shall be of approved material. The connection to the main shall be through an approved corp. and saddle. Authority Representatives shall be present at time of tapping into the authority main.

Applicant shall be responsible for all permits, including road opening permit. Applicant shall be responsible for surface joining, during and after construction and for all restoration. All construction shall be in compliance with the MUA Rules and Regulation. Any details needed may be obtained from the Sewerage Authority.

Signature of Applicant

Date

Pompton Lakes Borough MUA
Approved by:

Date

FORM E-2 APPLICATION FOR COMMERCIAL SEWER SERVICE
FILL IN AS EACH ITEM MAY APPLY- USE N/A IF NON-APPLICABLE
POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY
2000 LINCOLN AVENUE
POMPTON LAKES, NEW JERSEY 07442

P.L.B.M.U.A. PROJECT NUMBER _____ DATE _____

Application for CONNECTION OF COMMERCIAL SEWERAGE FACILITIES IN POMPTON LAKES, COUNTY OF PASSAIC, STATE OF NEW JERSEY. This application must be filed with the Executive Director of the Authority, accompanied by plan showing the proposed plumbing layout and/or connection. Please answer all questions.

1. Applicant's Name _____
Address _____ Phone (____) _____
Contact Person Name _____ Phone (____) _____
2. Name or Present Property Owner _____
Address _____ Phone (____) _____
3. Interest of applicant if other than owner of property _____

4. Key Location or Street Location of Project _____
Block No. _____ Lot No. _____
5. Area of entire tract _____ and portion being sewered _____
6. New Jersey Licensed Engineer of Plumber designing sewerage plan:
Firm _____
Name of Contact _____ Lic. No. _____
Address _____ Phone (____) _____
7. Attorney (if applicable): Firm _____
Name of Attorney _____ Phone (____) _____
Address _____
8. Does applicant or owner agree to convey by deed to the Pompton Lakes Borough Municipal Utilities Authority easements for all sanitary sewer locations and all right to sewer system?

9. Describe:
 - a) Proposed use _____
 - b) Proposal for sewage disposal _____
 - c) Quality and quantity of waste _____

E-2 COMMERCIAL SEWERAGE FACILITIES

10. Projected Date of Service _____

11. List plans and other material accompanying application, and number of each:

ITEM	NUMBER
a. _____	_____
b. _____	_____
c. _____	_____
d. _____	_____

12. Owner and applicant have read the P.L.B.M.U.A. Rules and Regulations and fully understand all necessary requirements. Yes / _____ /

The payment of a connection fee for each applicable new unit may be due and payable to the Authority in accordance with Section 11.3 of the P.L.B.M.U.A. Rules and Regulations. THIS IS PAYABLE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

_____ (Signature of Owner)**	_____ (Signature of Applicant)
_____ (Name of Owner, typed/printed)	_____ (Name of Applicant, typed/printed)
_____ Owner's Position or Title	_____ Applicant's Position or Title

* Attach print of your plans

** Owner's Signature is mandatory (See Section 4.2)

FORM E-3 APPLICATION FOR INDUSTRIAL SEWER CONNECTION AND
AGREEMENT FOR INDUSTRIAL WASTES
FILL IN AS EACH ITEM MAY APPLY – USE N/A IF NON-APPLICABLE
POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY
2000 LINCOLN AVENUE
POMPTON LAKES, NEW JERSEY 07442

P.L.B.M.U.A. PROJECT NUMBER _____ DATE _____

Application for INDUSTRIAL SEWER CONNECTION IN POMPTON LAKES, COUNTY OF PASSAIC, STATE OF NEW JERSEY. This application must be filed in duplicate with the Executive Director of the Authority thirty days in advance of a regular meeting of the Authority, accompanied by fees, deposits and submissions required by Authority regulations.

All questions must be filled in; incomplete forms will not be accepted.

In Addition to the payment of applicable filing fees, and review and inspection fees, a connection fee for each applicable units is due and payable to the Authority in accordance with Section 11.3 of the P.L.B.M.U.A. Rules and Regulations. THIS FEE IS PAYABLE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

The undersigned being the _____ of the property located at
(Owner, lessee, tenant, etc.)

Block No. _____ Lot Nos. _____

Does hereby request a permit to _____ an industrial sewer connection serving the
(Install, use)

_____, which company is engaged in

_____ at said location.

THE FOLLOWING MATERIAL MUST ACCOMPANY THIS APPLICATION:

1. A plan of the property showing accurately all sewers and drains now proposed, including details.
2. Plans and specifications covering any work proposed to be performed under this application.
3. A complete schedule of all process waters and industrial wastes produced or expected to be produced at said property, including a description of the character of each waste, the daily volume and maximum rates of discharge, and representative analysis.
4. The name and address of the person or firm who will perform the work covered by this application is _____

IN CONSIDERATION OF REVIEWING THIS APPLICATION, THE UNDERSIGNED AGREES:

1. To furnish any additional information relating to the installation or use of the industrial sewer for which this application is made as may be requested by the Authority or its representatives.

E-3 INDUSTRIAL SEWER CONNECTION

2. To accept and abide by all present requirements of the Authority and the Township and of all other pertinent ordinances or regulations that may be adopted in the future.
3. To operate and maintain any waste pretreatment facilities in conformance with M.C.U.A. requirements as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the Authority.
4. To cooperate at all times with the Authority and its representatives in their inspecting, sampling and sturdy of the industrial wastes, and any facilities provided for pretreatment.
5. To notify the Authority immediately in the event of any accident, negligence, or other occurrence that occasions discharge to the public sewers of any waters or process waters not covered by this application.
6. Owner and applicant have read the PLBMUA Rules and Regulations and fully understand all necessary requirements. Yes / _____ /

Date _____

Signed _____

(Signature of Owner)**

(Name of Applicant, typed/printed)

(Name of Owner, typed/printed)

Applicant's Position or Title

Owner's Position or Title

Address

City State Zip Code

** Owner's Signature is mandatory (See Section 4.2)

FORM E-4 APPLICATION FOR CHANGE OF USE OF
EXISTING SEWERAGE FACILITIES
FILL IN AS EACH ITEM MAY APPLY – USE N/A IF NON-APPLICABLE
POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY
2000 LINCOLN AVENUE
POMPTON LAKES, NEW JERSEY 07442

P.L.B.M.U.A. PROJECT NUMBER _____ DATE _____

Application for Change in use of Sewerage Facilities in Pompton Lakes, County of Passaic, State of New Jersey. This application must be filed with the Superintendent of the Authority, accompanied by plan showing the proposed plumbing layout and/or connection. Please answer all questions.

Application is hereby made for a change of use of existing sewerage facilities for a ruling on the system layout, characteristics, capacity, and requirements.

1. Applicant's Name _____
Address _____ Phone (____) _____
Contact Person Name _____ Phone (____) _____
2. Name of Present Property Owner _____
Address _____ Phone (____) _____
3. Interest of applicant if other than owner of property _____

4. Key Location or Street Location of Project _____
Block No. _____ Lot No. _____
5. Area of entire tract _____ and portion being sewered _____
6. New Jersey Licensed Engineer or Plumber designing sewerage plan:
Firm _____
Name of Contact _____ Lic. No _____
Address _____ Phone (____) _____
7. Attorney (if applicable): Firm _____
Name of Attorney _____ Phone (____) _____
Address _____
8. Does applicant or owner agree to convey by deed to the Pompton Lakes Borough Municipal Utilities Authority easements for all sanitary sewer locations and all rights to sewer system?

9. Describe:
a) Prior use _____
b) New use _____

E-4 CHANGE OF USE OF SEWERAGE FACILITIES

c) New proposal for sewage disposal _____

d) Quality and Quantity of Use _____

10. Effective Date of Change of Use _____

11. List plans and other material accompanying application and number of each:

ITEM	NUMBER
a. _____	_____
b. _____	_____
c. _____	_____
d. _____	_____

13. Owner and applicant have read the P.L.B.M.U.A. Rules and Regulations and fully understand all necessary requirements. Yes / _____ /

The payment of a connection fee for each applicable new unit may be due and payable to the Authority in accordance with Section 11.3 of the P.L.B.M.U.A. Rules and Regulations. THIS IS PAYABLE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

(Signature of Owner)**

(Signature of Applicant)

(Name of Owner, typed/printed)

(Name of Applicant, typed/printed)

Owner's Position or Title

Applicant's Position or Title

* Attach print of your plans

** Owner's Signature is mandatory (See Section 4.2)

FORM E-5 APPLICATION FOR DISCONNECTION OF SEWERAGE FACILITIES
FILL IN AS EACH ITEM MAY APPLY – USE N/A IF NON-APPLICABLE
POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY
2000 LINCOLN AVENUE
POMPTON LAKES, NEW JERSEY 07442

P.L.B.M.U.A. PROJECT NUMBER _____ DATE _____

Application for DISCONNECTION OF EXISTING SEWERAGE FACILITIES IN POMPTON LAKES, COUNTY OF PASSAIC, STATE OF NEW JERSEY. This application must be filed with the Executive Director of the Authority, accompanied by a description of the proposed means of sealing the existing connection. Please answer all questions.

1. Applicant's Name _____

Address _____ Phone (____) _____

Contact Person Name _____ Phone (____) _____

2. Name of Present Property Owner _____

Address _____ Phone (____) _____

3. Key Location or Street Location of Project _____

Block No. _____ Lot No. _____

4. Number of proposed lots to be disconnected _____

Number of laterals to be disconnected _____

5. New Jersey Licensed Plumber performing the work:

Firm: _____

Name of Plumber _____ Lic. No. _____

Address _____ Phone (____) _____

6. Describe proposal for disconnection: (Reference- Section 9.8 of P.L.B.M.U.A. Rules and Regulations) _____

7. Owner and applicant have read the P.L.B.M.U.A. Rules and Regulations and fully understand all the necessary requirements. Yes / _____ /

The Authority must be notified 24 hours in advance of the proposed disconnection, and an Authority Inspector must be in attendance.

(Signature of Owner)**

(Signature of Applicant)

(Name of Owner, typed/printed)

(Name of Applicant, typed/printed)

Owner's Position or Title

Applicant's Position or Title

* Attach print of your plans

** Owner's Signature is mandatory (See Section 4.2)

FORM G – FLOOR DRAIN APPROVAL
FILL IN AS EACH ITEM MAY APPLY – USE N/A IF NON-APPLICABLE
POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY
2000 LINCOLN AVENUE
POMPTON LAKES, NEW JERSEY 07442

P.L.B.M.U.A. PROJECT NUMBER _____ F.D. DATE _____

Application for REVIEW OF FLOOR DRAIN FACILITIES IN POMPTON LAKES, COUNTY OF PASSAIC, STATE OF NEW JERSEY. This application must be filed in duplicate with the Executive Director of the Authority, accompanied by all applicable fees in cash or certified check made payable to the Pompton Lakes Borough Municipal Utilities Authorities. All questions must be filled in; incomplete forms will not be accepted.

Application is hereby made for review of proposed floor drain facilities for a ruling on compliance and acceptability.

1. Applicant's Name _____ Tax I.D. No. _____
Address _____ Phone Number (____) _____
2. Name of Present Property Owner _____
Address _____ Phone Number (____) _____
3. Interest of applicant if other than owner of property _____
4. If an Industrial facility, date of approval by Planning Board _____
5. Trade Name _____
6. Key Location or Street Location of Facility _____
Block No. _____ Lot No. _____
7. Description of industrial of commercial function and product _____

8. On site petroleum products: _____

9. Average daily water consumption _____ gallons. Source _____
_____. Name (generic) of all chemicals used in process: _____

10. New Jersey Licensed Engineer providing technical date:
Firm _____
Name of Engineer _____ Lic. No. _____
Address _____ Phone Number (____) _____
11. Attorney: Firm _____
Name of Attorney _____ Phone Number (____) _____
Address _____

G – FLOOR DRAIN APPROVAL

12. Elevation of floor drain _____ Elevation of Street _____

13. Describe any process chemicals stored on premises including tank sizes, dilution, pH: _____

Provide standard material safety data sheet for each chemical used or stored at sight.

14. List plans and other material accompanying application and number of each:

ITEM	NUMBER
a. _____	_____
b. _____	_____
c. _____	_____
d. _____	_____
e. _____	_____

15. Owner and applicant have read the P.L.B.M.U.A. Rules and Regulations and fully understand all the necessary requirements. Yes / _____ /

ADDITION to the payment of applicable filing fees, escrow deposits and inspection fees, floor drain charges are due and payable to the Authority in accordance with Sections 11.1, 11.2, and 11.8 of the P.L.B.M.U.A. Rules and Regulations. THESE FEES ARE PAYABLE PRIOR TO THE ISSUANCE OF A PERMIT.

(Signature of Owner)**

Applicant (should be the same as item 1.)

(Name of Owner, typed/printed)

(Signature of Applicant or agent)

Owner's Position or Title

Name of Applicant/Agent, typed/printed

Applicant/Agent Position or Title

* Attach 2 prints of your plans

** Owner's Signature is mandatory (See Section 4.2)

SPACE BELOW FOR OFFICIAL USE ONLY

APPROVED
POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY

(Date of Approval)

By _____

(Expiration Date)

(Print Name and Title)

FORM H – SWIMMING POOL DRAIN APPROVAL
 FILL IN AS EACH ITEM MAY APPLY – USE N/A IF NON-APPLICABLE
 POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY
 2000 LINCOLN AVENUE
 POMPTON LAKES, NEW JERSEY 07442

P.L.B.M.U.A. PROJECT NUMBER _____ S.P. DATE _____

Application for REVIEW OF SWIMMING POOL DRAIN FACILITIES IN POMPTON LAKES, COUNTY OF PASSAIC, STATE OF NEW JERSEY. This application must be filed in duplicate with the Executive Director of the Authority, accompanied by all applicable fees in cash or certified check made payable to the Pompton Lakes Borough Municipal Utilities Authorities. All questions must be filled in; incomplete forms will not be accepted.

Application is hereby made for review of proposed swimming pool drain facilities for a ruling on compliance and acceptability.

1. Applicant's Name _____ Tax I.D. No. _____
 Address _____ Phone Number (____) _____
2. Name of Present Property Owner _____
 Address _____ Phone Number (____) _____
3. Interest of applicant if other than owner of property _____
4. If a commercial or institutional facility, date of Planning Board approval _____
5. Trade Name or Facility Name _____
6. Key Location or Street Location of Facility _____
 Block No. _____ Lot No. _____
7. Description of facility type (residential, commercial or institutional) _____

8. Volume of Pool _____ gallons. Source of Water _____
9. No. of persons using pool: Average _____ Peak _____

ADDITION to the payment of applicable filing fees, escrow deposits and inspection fees, floor drain charges are due and payable to the Authority in accordance with Sections 11.1, 11.2, and 11.9 of the P.L.B.M.U.A. Rules and Regulations. THESE FEES ARE PAYABLE PRIOR TO THE ISSUANCE OF A PERMIT.

(Signature of Owner)**	Applicant (should be the same as item 1.)
(Name of Owner, typed/printed)	(Signature of Applicant or agent)
Owner's Position or Title	Name of Applicant/Agent, typed/printed
	Applicant/Agent Position or Title

H- SWIMMING POOL DRAIN APPROVAL

- * Attach 2 prints of your plans
- ** Owner's Signature is mandatory (See Section 4.2)

SPACE BELOW FOR OFFICIAL USE ONLY

APPROVED
 POMPTON LAKES BOROUGH MUNICIPAL UTILITIES AUTHORITY

 (Date of Approval) By _____

 (Expiration Date) (Print Name and Title)

10. On-site treatment facilities (filters, disinfection equipment, pumps, etc.) _____

11. Names (generic) of all chemicals used for disinfection of cleaning _____

12. Exact location and size or proposed connection _____
 Elevation of drain at pool _____ Elevation of sewer at street _____

13. New Jersey Licensed Engineer providing technical data:
 Firm _____
 Name of Engineer _____ Lic. No. _____
 Address _____ Phone (____) _____

14. Attorney: Firm _____
 Name of Engineer _____ Phone (____) _____
 Address _____

15. Name of contractor installing drain: _____
 Address _____ Phone (____) _____

16. List plans and other material accompanying application, and number of each:*

ITEM	NUMBER
a. _____	_____
b. _____	_____
c. _____	_____
d. _____	_____
e. _____	_____

FORM H – SWIMMING POOL DRAIN APPROVAL

17. Owner and applicant have read the P.L.B.M.U.A. Rules and Regulations and fully understand all the necessary requirements. Yes / _____ /