

RESOLUTION NO. 57-07

June 25, 2007

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

A Resolution Authorizing the Adoption of Revised “Rules and Regulations”.

WHEREAS, The Brick Township Municipal Utilities Authority (the “Authority”), on May 14, 1969, adopted Rules and Regulations governing applications to The Brick Township Municipal Utilities Authority for construction of sanitary sewer systems and water systems in the Township of Brick which were subsequently revised in June 1984, March 1993, July 1999 and again in January 2003; and

WHEREAS, the refinement of construction techniques, the development of new materials, and the promulgation of new legislated requirements have caused the aforementioned Rules and Regulations to require revision;

NOW, THEREFORE, BE IT RESOLVED that the attached document dated June 25, 2007, and entitled “Rules and Regulations” is hereby adopted and any other resolutions, rules and regulations heretofore adopted by the Authority which are inconsistent with this resolution are hereby rescinded.

CERTIFICATION

I, John C. Ekarius, hereby certify that the foregoing Resolution was duly adopted at a Regular Public Meeting of The Brick Township Municipal Utilities Authority Board of Commissioners, of the Township of Brick, County of Ocean, State of New Jersey, held on Monday, June 25, 2007.

John C. Ekarius, Secretary

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INTRODUCTION

The Brick Township Municipal Utilities Authority was created by Brick Township in 1969 to provide water and sewer service to the residents of Brick Township. While BTMUA has broad statutory powers to provide these essential utility services, it has certain obligations as well. Its responsibilities include compliance with the adopted Bond Resolutions, the adopted Service Contracts with the Ocean County Utilities Authority, The Manasquan River Regional Sewerage Authority, Borough of Point Pleasant Beach and the Borough of Point Pleasant, the County of Ocean and the Borough of Mantoloking; and all applicable State and Federal Laws governing pollution control, drinking water quality, solid waste disposal and other Municipal Laws and Ordinances.

The offices of the Brick Township Municipal Utilities Authority are located at 1551 Highway 88 West, Brick, New Jersey, and are open for business Monday through Friday from 8:00 a.m. to 5:00 p.m.

Regular monthly Caucus and Public meetings of The Brick Township Municipal Utilities Authority are held on the third and fourth Monday of each month respectively; as well as Special Meetings, on call by the Chairman, all in accordance with the provisions of the Open Public Meetings Act (N.J.S.A. 10:4-6 et seq.).

1.0 DEFINITIONS

APPLICANT

Shall mean property owner(s); or if owned by a company, a proper official of said company; or an authorized agent of the owner, certified to the Authority as such; making application to the Authority for review and approval of plans and/or connection to the utility systems.

AUTHORITY/BTMUA

Shall mean The Brick Township Municipal Utilities Authority.

BOARD

Shall mean the seven member Authority Board of Commissioners, which includes five Regular and two Alternate Commissioners.

CONTRACTOR

Shall mean the party contracting with the BTMUA for service to the property.

DEVELOPER

Shall mean applicant who is applying for a subdivision of more than one lot or site improvement of a property when required to extend water and sanitary sewer mains to service said property.

ENGINEER

Shall mean the Authority Engineer appointed by the Board as the Director of Engineering.

INDUSTRIAL USER

Shall mean any user whose sewage differs from the normal characteristics of domestic sewage.

INDUSTRIAL WASTE

Shall mean the wastewater from industrial processes or other commercial operations which is distinct from or incompatible with domestic wastewater.

N.J.D.E.P.

Shall mean New Jersey Department of Environmental Protection.

O.C.U.A.

Shall mean Ocean County Utilities Authority.

RESPONSIBLE PERSON

Shall mean the person employed by the contractor who is capable of supervising the installation of water and sewer mains and all appurtenances in accordance with the specifications and in compliance with the Authority Rules and Regulations. This person is usually referred to as the contractor's superintendent.

SEWER LATERAL

Shall mean the sewer pipe servicing an individual customer connected to the BTMUA sewer main.

TOWNSHIP

Shall mean the Township of Brick, County of Ocean, State of New Jersey.

UNIT

Shall mean the following:

1. Each single family detached dwelling.
2. Each single family attached dwelling.
3. Each single family apartment dwelling.
4. Each mobile home.
5. Each lot created in a major or minor subdivision.
6. Each commercial, industrial, professional, public or institutional user whose metered or estimated water consumption does not exceed 200 gallons per day.

WATER SERVICE LINE

Shall mean a water pipe servicing an individual customer connected to the BTMUA water main.

2.0 POLICY FOR PROVIDING UTILITY SERVICE

It is the intent of the Authority to provide potable water and sanitary sewer service to Applicants owning or occupying properties located in Brick Township who have received approvals from the relevant Township Municipal Land Use Agencies consistent with applicable laws and sound utility management practices.

From time to time, the capacity of the Authority's water and/or sewer system may be limited due to physical limitations which would prohibit additional connections until an increase in capacity has been approved and constructed, or due to regulatory requirements promulgated by Federal and/or State Agencies. At such times, applications for service may be submitted to the Authority; however, approvals of such applications will be postponed until the limitations or restraints have been removed.

Determination of available capacity and the processing and approval of applications for connection shall be within the sole discretion of the Authority.

In the event that extensions or improvements of the Authority's water mains, sewer lines or related facilities are necessary to provide service to an applicant's property, it shall be the applicant's responsibility to make these extensions or improvements and pay all costs associated with them.

3.0 CONDITIONS REQUIRING SUBMITTAL OF APPLICATIONS FOR SEWER AND WATER SERVICE

3.1 General

Owners of properties desirous of a connection to an existing sewer or water main fronting their property shall file an "Application for Utility Service" (Exhibit: 4).

Any subdivisions of land, site plan development or any residential structure to be used by two or more families, regardless of volume of flow, and all non-residential development, such as schools, commercial buildings, industrial buildings and all similar structures will be required to construct sewer and/or water mains. Connection shall be made to mains having adequate capacity as determined by the Authority.

3.2 Application for Individual Service

Owners of property desirous of making connection to an existing approved water and/or sewer system shall proceed as follows:

A. Obtain a "Statement of Utility Services" (Exhibit: 1) and a "Sizing Sheet" (Exhibit: 3) from the Authority. This statement will only be issued to the owner of the subject property and shall be valid for a period of one year.

B. Complete the Sizing Sheet and have it approved by the Township of Brick Plumbing Department.

C. Return approved Sizing Sheet to the Authority and request "Application for Utility Services" (Exhibit: 4).

D. After sewer and water taps (if necessary) are installed by the Authority and upon payment of applicable fees, the Authority will issue "Water and Sewer Service Permits" for connection to the utility systems (Exhibits: 5 and 6).

E. Immediately after completion of the connection, the owner or representative shall notify the Authority to schedule an inspection by the Township of Brick Plumbing Department. The excavation must be left open for this inspection.

F. The Plumbing Inspector will notify the Authority when the inspection is completed and accepted.

G. The owner or representative shall request installation of a water meter by the Authority, and pay all fees.

H. Upon installation of the water meter and payment of all fees, the owner is to obtain a "Certificate of Compliance" from the Authority (Exhibit: 7).

3.3 Application for Developer Service

Two levels of approval must be obtained from the Authority -- Preliminary and Final -- in accordance with the instructions contained herein. Applications must be submitted no later than the 1st day of the month (NOTE: In the event the 1st day of the month falls on a weekend or holiday, the 1st day of the month shall be the first work day) for consideration at that month's Authority Public Meeting. All applications shall be signed by the owner(s), a proper official of the company, or an authorized agent, and requisite fees shall be paid at time of application.

Upon approval by the Authority Board, a copy of the Authority Engineer's review requirements will be furnished to the applicant and to the applicant's engineer.

Review and approval of the plans and specifications by the Authority shall not relieve the applicant and his contractor of any responsibility therefore, and such review shall not be considered as an assumption of any risk or liability by the Authority and/or the Authority Engineer. The applicant shall have no claim against the Authority due to the failure or inefficiency of any plan or method so reviewed.

In the event that a customer/applicant of the Authority is currently delinquent in any fee or other charge, is currently in violation of any other approval granted by the Authority or is otherwise in violation of any other rules or regulation of the Authority for either water and/or sewer service, the Authority will not act upon any additional applications or requests of such customer/applicant until such time as all outstanding payments have been made and/or violations abated.

3.3.1 Letter of No Interest/Administrative Approval

A Letter of No Interest will be issued for proposed work that does not involve subdivision and will not cause any changes to the water and sewer systems. There is no fee associated with this approval.

An Administrative Approval will be issued by the Authority Engineer for minor subdivisions and site plans that do not require water and/or sewer extensions. An application fee as prescribed in the annually-published Rate Schedule will apply.

3.3.2 Application for Preliminary Approval

An application for review of preliminary plans for the proposed subdivision development, site improvement, building addition or lot line adjustment resulting in additional lots shall be submitted to the Authority on the form entitled "Application for Review of Preliminary Plans for Utility Services" (Exhibit: 8).

The purpose of the application is to determine the current existence of water and/or sewer mains at or near the proposed project or development; the status of any future plans to extend mains to the particular area, where applicable; the construction requirements for extensions to the systems; and an indication of whether water and/or sewer mains serving the area are sufficient to accommodate the proposed project or development. In the event that the authority determines that in accordance with the current New Jersey Residential Site Improvements Standards, NJDEP regulations and/or any other applicable standards and per the recommendation of the Authority's Engineer that certain upgrades to the Authority's water mains, sewer lines or related facilities are necessary in order to provide service to an applicant's property; it shall be the applicant's responsibility to indicate all proposed upgrades to the Authority's water mains, sewer lines or related facilities on the prepared site development plans. The applicant shall be responsible for making the required extensions and/or upgrades and pay all costs associated with them. In addition to the

application form, the applicant shall furnish a general location map and a site plan showing the locations of all existing and proposed water and sewer pipes and services. The location of each water curb box and sewer cleanout must be depicted for each lot and shall not be placed in any proposed driveway, driveway apron or sidewalk. The site plan shall show the lots and blocks and property lines.

The applicant shall also include storm water calculations and plans, which show the disposition of the storm water runoff and/or discharge, for review by the Authority. The Authority will review these documents to assure that the impact on the Metedeconk River Watershed, the Authority's primary water supply source, is minimized. The applicant must also obtain approval of the storm water management plan from any other Township, County, State and/or Federal agencies having jurisdiction and show proof of such approvals by providing copies thereof.

Architectural plans, including but not limited to floor plans, elevation plans, and mechanical plans, shall be submitted for commercial, industrial, and multi-family residential facilities. For multi-unit commercial, industrial and residential facilities, individual water services with individual curb stops are required for each unit.

On the "Application for Review of Preliminary Plans for Utility Services" (Exhibit: 8), Item 6A., the estimated water consumption for the project must be included. The amount estimated should be based on similar facilities or the standard calculations for a same use facility as determined by the engineer or architect for the project. The estimated water consumption **should not** include irrigation flow. The applicants Initial Service Charges will be based on the estimated water consumption. The preliminary application shall be accompanied by the non-refundable application fee listed in the annually-published Rate Schedule.

In addition, an initial design review escrow deposit for site development, for the applicable fee listed in the annually-published Rate Schedule, will be applied as described in Section 8.0.

The Authority will either request additional information or acknowledge that the application is administratively complete. The Brick Township Planning Board or Board of Adjustment and the applicant's engineer will also be advised of the receipt of an administratively complete application. A copy of the Engineer's review comments will be provided to the applicant. The Preliminary Approval shall be valid for a period of one year. The Applicant may request a one year time extension which the Authority in its discretion may grant upon the showing of reasonable cause for such extension. Final application must be submitted prior to the one year Preliminary Approval expiration date or the extension thereof.

3.3.3 Application for Final Approval

If a Final Application is required, the applicant shall be required to submit the "Application for Final Approval of Utility Services" (Exhibit: 9) together with the following:

A. A review fee will be charged as indicated in the annually-published Rate Schedule to an escrow account established pursuant to section 8.0 below.

B. General map of the entire project, showing existing and proposed sewer and/or water pipes and pumping stations for the entire area. The drawings shall be submitted in a digital format compatible with AutoDesk's Autocad Release 14 or better. The media preferred is CD-ROM.

C. Detailed plans and profiles for the proposed sewer and/or water systems, properly entitled. The plans shall be 24" x 36", with a 1-1/2" border on the left side for binding. All sheets shall be numbered. Profiles for sewers shall show all manholes, siphons, pumping stations, storm

sewer crossings, water main crossings, and elevations of stream crossings using United States Geological Survey elevations. Gradients and diameter of sewers, rim elevations, and invert elevation shall be shown at each manhole.

The plan view of the sewer system shall show manholes and invert elevations, curbs, storm sewer inlets and storm sewer. The storm sewer must not interfere with the sanitary sewer or water mains. The plan view of water mains shall show the location of fire hydrants, valves and post-type flushing hydrants. In the event an existing hydrant(s) requires relocation, the Authority may require the applicant to remove the existing hydrant valve and piping to the hydrant tee and provide the appropriately restrained cap/plug. A shutdown of the existing water main must be scheduled through the Authority's Engineer to perform the hydrant removal. The plan view for water mains shall also show roads, curbs, sidewalks, lot lines, boundary lines, typical street cross-sections, and thrust block design. The size, type, and class of pipe shall be shown for each pipe. The location of each water curb box and sewer cleanout must be depicted for each lot and shall not be placed in any proposed driveway, driveway apron or sidewalk.

The plans shall show contours at two-foot intervals, all existing and proposed street and surface elevations at all breaks in grade and street intersections, the true meridian, boundary line, title, date and scale. Proposed systems shall be accented by using bold solid lines. Existing systems shall be shown by dashed lines. All topographical symbols and conventions shall be USGS. Symbols for water mains shall be those approved by the American Water Works Association. The distances and stationing between the center lines of manholes, grades, main sizes, strength classes, and material shall be shown on the plans.

Approval for final applications will become null and void after a two-year period from the date of approval if no subsequent application is submitted or no construction takes place during the two-year period.

For any proposed sewage pumping station, a general site plan showing boundaries, contours, proposed pumping station (with capacities), underground piping, underground and overhead wires shall be submitted.

In the event that the Authority determines that in accordance with the current New Jersey Residential Site Improvements Standards, NJDEP regulations and/or any other applicable standards and per the recommendation of the Authority's Engineer that certain upgrades to the Authority's water mains, sewer lines or related facilities are necessary in order to provide service to an applicant's property; it shall be the applicant's responsibility to indicate all proposed upgrades to the Authority's water mains, sewer lines or related facilities on the prepared site development plans. The applicant shall be responsible for making the required extensions and/or upgrades and pay all costs associated with them.

D. Complete specifications for construction of the proposed system(s) and appurtenances. Specifications shall include descriptions of general requirements, site work, piping and valves, concrete work, mechanical equipment, and electrical work.

E. A separate detailed estimate for water and sewer shall be submitted on the Developer Construction Estimating Worksheets (Exhibits: 10 and 11) provided by the Authority. The Authority reserves the right to reject any cost estimate in which the quantities cannot be substantiated.

F. Architectural plans, including but not limited to floor plans, elevation plans, and mechanical plans, shall be submitted for commercial, industrial and multi-family residential

facilities. For multi-unit commercial, industrial and residential facilities, individual water services with individual curb stops are required for each unit.

G. On the “Application for Final Approval of Utility Services” (Exhibit: 9), Item 7, the estimated water consumption for the project must be included. The amount estimated should be based on similar facilities or the standard calculations for a same use facility as determined by the engineer or architect for the project. The estimated water consumption **should not** include irrigation flow. The applicants Initial Service Charges will be based on the estimated water consumption.

H. The applicant shall also include storm water calculations and plans which show the disposition of the storm water runoff and/or discharge, for review by the Authority. The Authority will review these documents to assure that the impact on the Metedeconk River Watershed, the Authority’s primary water supply source, is minimized. The applicant must also obtain approval of the storm water management plan from any other Township, County, State and/or Federal agencies having jurisdiction and show proof of such approvals by providing copies thereof.

4.0 REIMBURSEMENT FOR AUTHORITY REQUESTED WORK

If, in the judgment of the Authority, the size of any main as proposed by the applicant is not adequate for future requirements, a larger size pipe shall be installed by the developer as required by the Authority.

The Authority will agree to pay the developer the difference in material cost of the pipe and fittings. The Authority will not pay for any alleged additional excavation because of the increase in diameter. The Authority agrees to pay the material costs which prevail at the time of the agreement with the developer, with no escalation clauses for future contingencies.

When the Authority deems it necessary that the developer install a larger size main, additional mains, and/or mains along an alternate route, or any other situation that would cause the Authority to pay a share of the cost of the project, the Authority and the developer shall enter into a written agreement. The agreement will contain a complete scope of work and reimbursement for the work agreed to by the Authority.

If the Authority determines that other vacant lots not owned by the developer can be serviced by the facilities installed by the applicant, the Authority will require the applicant to install sewer laterals and water service lines for these vacant lots. The applicant will be reimbursed by the Authority in accordance with a rate negotiated at that time. All other costs associated with the engineering, permits and construction will be borne by the applicant. The laterals and tap will be installed from the main to the curb line or two feet from the property line.

5.0 APPROVAL OF PROJECT BY OTHER AGENCIES

In addition to the approval of the Authority, projects may require the approval of several other agencies. Application to the Ocean County Utilities Authority and the New Jersey Department of Environmental Protection for a Treatment Works Approval (TWA) permit and a Potable Water Supply (BSDW) permit will be made through the Authority. The applicant shall provide the

Authority with any and all forms, plans, fees and documentation necessary to accompany such application. The applicant shall submit any necessary forms, plans, fees and documentation to the Authority only after final approval has been granted by the Authority.

It is the sole responsibility of the applicant to obtain any other Township, County, State or Federal permits, approvals and/or clearances necessary for the construction.

It is the responsibility of the applicant to obey and follow regulations, permit conditions and approval conditions issued by any and all agencies which have jurisdiction over the project.

6.0 PROJECT BONDING

6.1 Performance Bond

For any project requiring the installation of water and/or sewer systems, the applicant shall provide the Authority with a Performance Bond guaranteeing the complete construction of the approved water and/or sewer systems. Said Performance Bond shall be in an amount equal to 100% of the project cost estimate. It shall be issued by a Surety Company licensed to do business in New Jersey.

The Performance Bond shall be submitted to the Authority no less than (10) working days prior to the anticipated start of construction. No work shall commence until an acceptable Performance Bond has been posted with the Authority. The Performance Bond shall remain in full effect until all construction, including asphalt stabilized base course pavement, has been completed and the Authority has granted acceptance testing approval and all required easement documentation has been submitted and recorded. A sample Performance Bond is included (Exhibit: 12).

It shall be the policy of the Authority to accept Letters of Credit in lieu of a Performance Bond. A sample Letter of Credit is included (Exhibit: 13).

6.2 Maintenance Bond

Upon the completion of construction, including asphalt stabilized base course pavement, the submission and recording of all required easements and acquiring acceptance testing approval the applicant can request release of the Performance Bond. When the Authority authorizes release of the Performance Bond the applicant shall submit a Maintenance Bond to the Authority guaranteeing the proper functioning of the system. The Maintenance Bond shall be in an amount not less than ten percent (10%) of the Performance Bond and remain in effect for a period of two years from the date of the acceptance testing approval. Letters of Credit may be accepted in lieu of a Maintenance Bond. (Note that there is extensive coverage in A511 regarding scheduling allowances for assessment of project completion, approval, payments, etc.)

7.0 CONSTRUCTION ACTIVITIES

7.1 Construction Plans

The applicant shall provide the Authority with three sets of final construction plans at least ten (10) days prior to start of construction. No work shall commence until these plans are submitted.

The applicant shall also provide the Authority with a copy of all the road opening and any other permits required.

7.2 Preconstruction Conference

A preconstruction conference will be held, if warranted, prior to start of construction. The conference shall be attended by the applicant, the applicant's engineer, the contractor and representatives of the Authority.

7.3 Inspection & Testing

7.3.1 General

The applicant is required to provide an initial escrow deposit for inspection as described in Section 8. Note that the deposit is an initial deposit which is subject to replenishment and supplementary payments as discussed in section 8.0. The amount of this deposit for inspection will be in accordance with the annually-published rate schedule.

The applicant is required to submit the inspection escrow deposit before any construction starts. If during construction the contractor wishes to work on any Holiday observed by the Authority, the contractor will be required to pay any overtime costs incurred for inspection on those Holidays.

All construction of water and sanitary sewer systems in the Township shall be performed under the observance of the Authority Engineer or designated representatives. Any overtime work must be approved by the Authority Engineer 48 hours prior to scheduling by the developer/contractor. The Authority Engineer shall enforce compliance with the approved plans and specifications.

The applicant shall give at least 48-hour notice to the Authority prior to start of construction. If construction is delayed for any reason other than weather, the contractor is required to follow the notification procedures again. The contractor is responsible for acquiring all the necessary permits and utility markouts before starting construction. There shall be two (2) stages of inspection and testing by the Authority as detailed in the following sections:

7.3.2 Acceptance Testing

At this stage the applicant is required to submit as-built plans for review and approval by the Authority Engineer. Acceptance testing will not be scheduled until receipt and approval of the as-built drawings.

After the installation of all underground utilities, curbs and road gravel, sewers and manholes shall be inspected for, but not limited to, line, grade, cleanliness and general workmanship. Water system shall be checked for, but not limited to, valve box grade, valve nut accessibility, hydrant grade and valve function. Curbs shall be marked with a "W" or "H" at the location of water and sewer services respectively. The water curb box and sewer cleanout for each lot **must not** be located in the driveway, driveway apron or sidewalk.

Acceptance testing will include pressure, infiltration and/or exfiltration tests. It should be noted that pressure tests may be conducted by the contractor at any time, and this practice is encouraged by the Authority so that the contractor may locate leaks before construction has proceeded too far. Interim pressure tests by the contractor however, are not accepted as an acceptance test by the Authority. The acceptance test of water and sewer mains will be conducted only in the presence of the Authority observer, after all work has been completed, including thrust

blocks and the placing of road gravel and after the as-built utility plans have been submitted and approved by the Authority Engineer. Further, all valve boxes, curb boxes, manholes, clean-outs, fire hydrants and flush hydrants must be brought to grade and be readily accessible.

It shall be the responsibility of the contractor to supply all equipment, labor and material necessary for testing. Interference in the proper operation of active sewer pipes and water mains during testing is not permitted.

Water and sewer systems shall be subjected to pressure testing as described in the specifications for construction. Water systems shall be disinfected and will be approved after successful passage of bacteriological testing. The Authority maintains a State-certified lab and bacteriological testing of water shall be performed at this lab. Samples for this analysis will be collected by the Authority Observer. The procedures are described in detail in the Authority's "Specifications for the Construction of Sewer and Water System", a separate document. The Authority reserves the option of charging for its additional costs for any bacteriological testing beyond two failed tests.

Upon successful completion of acceptance testing, the Authority will consider the project substantially complete and ready for connection. The Authority will now file for NJDEP's "Approval to Operate" the sewer system. The Authority is authorized to issue approvals to operate water systems.

7.3.3 As-Builts

As-built drawings for water and sewer systems signed and sealed by a Professional Engineer shall be submitted for review and approval by the Authority Engineer. Initially the as-built drawing shall be 24" x 36" blue or black line showing the following features:

(A) Water Systems

- (i) Location and size of water main, valves and all other appurtenances including all bends and fittings.
- (ii) Station marks for location and triangulations of curb and valve boxes. Triangulations are to be taken from permanent structures such as hydrants, telephone poles, house corners, etc. and have distances of less than 100 feet.
- (iii) Location of hydrants.

(B) Sewer Systems

- (i) Location and size of sewer pipes.
- (ii) Station marks to indicate location of sewer laterals, at both main and clean-outs.
- (iii) Rim and invert elevations for each manhole.
- (iv) Slope and distance between each manhole.
- (v) Depth and length of each sewer lateral (house connection).

Upon approval by the Authority Engineer, the applicant shall submit a 24" x 36" mylar drawing for the Authority's records. The As-Built data shall be submitted in digital format for the use and inclusion into the Geographic Information System (G.I.S.). The horizontal positions must be supplied in the New Jersey State Plane Coordinate System, based on the North American Datum of 1983 (NAD 83), in the U.S. survey feet. The vertical elevations must be supplied in U.S. survey

feet based on the North American Vertical Datum of 1988 (NAVD 88). The digital file formats required are AutoDesk's AutoCad Drawing, and/or Environmental Systems Research Institute (ESRI) ArcInfo Coverage. The media preferred is CD-ROM.

As an inspection service, the Authority's GPS crews will locate the pipes, valves, hydrants, sanitary sewer manholes, sewer pipe and other horizontal features related to water and sewer systems. The applicant will be charged for this service.

As-built services can also be provided for a charge (at the prevailing rate).

7.3.3.1 Easements

Prior to acceptance of the new systems, the developer shall provide the title to the land and a metes and bounds description of any required utility easements and three (3) copies of the reduced size site plans showing the easement. The reduced size site plans shall be 8½" X 14". All of the executed utility easement documents shall be provided prior to the transfer of any property by the developer to other individual (i.e. new homeowner's etc.).

7.3.4 Final Inspection

After final paving has been completed, and all other utilities such as gas mains, cable TV, electrical lines, sprinklers, telephone lines, etc. have been installed, the manholes and valve boxes shall be inspected for proper elevation, shifting damage, debris, etc. The Authority will require a video inspection of all sanitary sewer pipes 30 days prior to release of the maintenance bond. The applicant shall provide the Authority with video recordings indicating that there has been no damage to the system because of improper compaction or other construction deficiencies. The applicant may request the Authority to perform a video recording of the sanitary sewer, for which a charge according to the prevailing rate will be assessed as part of the inspection costs.

7.3.5 Acceptance of New Systems by the Authority

After the final inspection is completed the applicant will be informed that the Authority is ready to accept the system. Before final acceptance of the new systems the applicant shall provide the title to the land and a metes and bounds description of any required utility easements and three (3) copies of reduced site plans showing the easement. The reduced size shall be 8-1/2" x 14". All sewer and water facilities shall be shown on the easement map. The applicant shall submit operation and maintenance manuals of any equipment, if required.

7.3.6 Role of the Authority Inspector

The Authority inspector is an observer and is not responsible for directing the installation of the water and/or sewer systems or safety practices of the contractor. It shall be the sole responsibility of the applicant to properly install any and all water and/or sewer systems and for safety practices of the contractor. It shall be the sole responsibility of the applicant to properly install any and all water and/or sewer system(s), either personally or through a contractor, and to maintain a proper schedule and safe working conditions. The Authority should be notified in writing

of the responsible person for supervision and safety of employees and the site. All OSHA guidelines and requirements will be followed during the conduct of all work including trenching, shoring, etc.

8.0 FEES & ESCROW ACCOUNT PROCEDURES

8.1 Fees

All fees, including application, review, inspection, initial service charge, permits, tap, meter, etc., will be in accordance with the Authority's most current Schedule of Rates, Fees and Service Charges. Pre-payment of fees for initial service charges, permits, taps and meters will not be allowed.

8.2 Escrow Account Procedures

8.2.1 General Procedures

If the amounts for review and inspection costs and deposits for performance guarantees exceed \$5,000.00, they are deposited by the BTMUA according to the provisions of c.316 L.1985 in an interest-bearing account insured by an agency of the federal government or approved for such deposits by the State of New Jersey.

If the amount of interest exceeds \$100.00 for the year the Authority will refund the accrued interest minus a retainage for administrative expenses. The administrative expenses shall not exceed 33.33% of the entire amount of interest. The Authority is not required to refund any interest accrued if the total amount does not exceed \$100.00.

When anticipated costs are less than \$10,000.00, deposits may be made in two installments; the initial amount to be 50% of anticipated costs and when the balance falls to 10% of these costs, the developer shall deposit the remaining 50%. When anticipated costs are \$10,000.00 or greater, the developer may pay in four installments; an initial amount of 25% of anticipated costs and when the balance falls to 10%, the developer shall make additional 25% deposits.

The procedure for payment is through a voucher system. The voucher will identify the personnel performing the service and for each date the service is performed, the hours spent to one-quarter hour increments, the hourly rate and the expenses incurred. Vouchers will be submitted to the applicant for information. A statement of the account will be sent to the applicant, which sets forth the amount of the deposits, the interest earned, the disbursements made and a cumulative balance.

The statement will be sent monthly if the amount charged against the account exceeds \$1,000.00, or quarterly if the charges are \$1,000.00 or less.

If it is determined that there are insufficient funds in the account to enable the Authority to perform application reviews or inspections, the applicant will be provided with a notice of insufficient escrow or deposit balance, and will be given a reasonable time period to post a deposit to the account in an amount agreed upon between the Authority and the applicant. The amount will be based upon the estimated cost of the completion of the work on the application. If insufficient funds are available in the account, inspections will not be performed except for required health and safety inspections. The cost of such inspections shall be charged against the escrow account after it has been replenished.

8.2.2 Close-Out Procedures

To initiate the close-out of an escrow, the applicant will send written notice to the Authority by certified mail to the Authority Engineer that the application or the improvements are completed. Within 30 days of receipt of the notice, the Authority Engineer will provide a final bill to the Authority's Chief Financial Officer (ACFO) with a copy to the applicant. The ACFO will render a final escrow accounting to the applicant within 45 days of receiving the final bill from the Authority professional. Any balances remaining in the escrow account, including interest which has been accrued (assuming the account was in excess of \$5,000.00), less 33-1/3% for the Authority's administrative costs, shall be refunded to the developer at this time.

8.2.3 Dispute Resolution

In the event that the applicant disputes the amount of a charge by the Authority or its professionals, the applicant shall notify the Authority outlining the specific disputed charge. If the dispute is not resolved to the satisfaction of the applicant, an appeal can be filed with the County Construction Board of Appeals (CCBA). The appeal shall be submitted in writing to the County Construction Board of Appeals and simultaneously to the Authority, within 45 days of the date of receipt of the information copy of the Authority's (professional) voucher, or if no such voucher is received, within 60 days of the receipt of the final accounting statement from the Authority. The appeal shall be heard under rules established by the CCBA, and a decision rendered not later than 10 business days following the submission of the appeal unless an extension has been granted by the applicant. If the CCBA fails to hear the appeal within 10 days, the appeal shall be deemed to be denied and the applicant may then appeal to a court of competent jurisdiction.

9.0 PUMPING STATION FOR MULTIPLE UNITS

It is the policy of the Authority to provide sewer service using gravity flow. If a pumping station is needed the design shall be in accordance with the NJDEP regulations and as approved by the Authority Engineer. Drawings with the design criteria shall be submitted for approval along with the Preliminary and Final Applications. Design criteria will be established on a case-by-case basis.

9.1 Ejector System Policy for Single Units

If it is determined that service cannot be provided to the first floor by gravity, the Authority will assist in confirming relative elevations. The applicant will be required to uncover the soil pipe at the house. Once it is confirmed that service cannot be provided to the first floor by gravity, the Authority will assist the applicant in offsetting the costs associated with the installation of an ejector station in excess of the prevailing Authority rate for sewer tap fees up to a maximum of \$1,500.00.

10.0 SEWER USE REGULATIONS

10.1 General Provisions

Wastewater discharged into the Authority's sewer system must meet the requirements set forth in the Ocean County Utilities Authority's "Sewer Use Regulations". The objectives of these Regulations are:

- (i) To prevent the introduction of pollutants into the Publicly Owned Treatment Works (POTW) which will interfere with the operation of the system or contaminate the resulting sludge.
- (ii) To prevent the introduction of pollutants into the POTW which will pass through the system, inadequately treated, into the receiving water or the atmosphere or otherwise be incompatible with the system.
- (iii) To improve the opportunity to recycle and reclaim wastewaters and sludges from the system.

The OCUA Sewer Use Regulations authorize monitoring and enforcement activities, require user reporting, and provide for the regulation of indirect discharges to the POTW (OCUA) through enforcement of general requirements for all users and issuance of Industrial Discharge Permits by the OCUA. These Regulations shall apply to all the customers of the Brick Township Municipal Utilities Authority.

The industrial waste discharged shall not:

- (a) Be discharged in such a quantity as to impair the hydraulic capacity of the sewers.
- (b) Be of such a nature as to, either by chemical or mechanical action, impair the strength or durability of the sewer structures.
- (c) Be of such a nature as to create explosive conditions in such facilities.
- (d) Have a flashpoint lower than 235 degrees Fahrenheit, as determined by the Tagliabue (Tag.) closed cup method.
- (e) Have a pH index value lower than 5.5 or higher than 9.0.
- (f) Include any radioactive substance, unless written consent has been obtained.
- (g) Include any garbage other than that received directly into public sewers from residences.
- (h) Be discharged by tank trucks into the sewer system.

10.2 Industrial Waste Rules and Regulations

Industrial users shall conform to the sewer use regulations outlined below, and any and all regulations of The Ocean County Utilities Authority which may not be specifically mentioned herein.

- (a) Furnish all information necessary to determine the quantity of industrial waste, the nature and quality of the materials therein and other characteristics of such wastes, and agree in writing to bear the cost of any initial and subsequent chemical analyses and laboratory tests. The Authority may require the industrial user to provide a weekly laboratory analysis for selected concentrations of composite samples. All sampling and tests are to be performed by a laboratory approved by the Authority and at no cost to the Authority.
- (b) Provide at the industrial user's connection with the Authority's sewer an adequate means of sampling for periodic determination of all characteristics and concentrations of the waste.

- (c) Agree that industrial waste discharged or proposed to be discharged into the Authority sewer shall be subject to analysis by the Authority.
- (d) Cooperate by adopting and enacting schedules for discharge which will minimize peak concentration.
- (e) Produce wastes of quality acceptable to both the BTMUA and the OCUA by reducing peak discharges and concentrations of industrial wastes by construction of pretreatment facilities acceptable to the BTMUA and the OCUA.

Industrial users having or requiring industrial waste holding and/or waste treatment facilities that discharge into the sewer system shall furnish complete engineering reports, plans, and specifications covering connection to the Authority system, as well as the industrial waste treatment facilities and metering devices. This applies also to alterations and additions to such connections or treatment facilities. Reports and supporting data herein referred to must be prepared by a professional engineer registered in the State of New Jersey. Industrial users shall not connect or proceed with the construction of any industrial waste treatment facilities or changes to existing waste treatment facilities unless plans and specifications covering the same have been approved by the BTMUA, the OCUA, and the New Jersey Department of Environmental Protection.

- (f) Indemnify the Authority for any damage caused by wastes determined by the Authority to have been discharged by the industrial user to the Authority's sewer system or pumping stations. Their function shall be in strict conformance with applicable local and state laws and shall be in effect during the life of agreements between the industrial user and the Authority.
- (g) Unless otherwise specified in writing by the Authority, install a suitable device for continuously indicating, recording, and totalizing the flow of discharge to the sewer system and submit specifications and plans for the complete metering installation to the Authority for approval.
- (h) All meters or measuring devices installed or required to be used shall be accessible to the Authority and the OCUA during the operating hours of the industry. The industrial user, at its own expense shall be responsible for:
 1. Maintenance and safekeeping.
 2. All repairs, whether by normal wear or other causes.
 3. Quarterly certified calibration by the manufacturers.
 4. Supply and replace daily recording charts, and safekeeping of the charts, and safekeeping of the charts until collected by the Authority's representatives.
- (i) The Authority shall have the right to enter the establishment of an industrial user for inspection of the operation of waste treatment facilities and the collection of samples from any component thereof.
- (j) Bypassing of wastewaters of the industrial waste treatment facilities shall not be allowed under any circumstances. Any accidental spills overflow, equipment, or process failures shall be reported to the Authority immediately and confirmed in writing within ten days with an explanation of the cause and the planned action to eliminate recurrences.

- (k) The Authority's representative shall have access to the premises housing water meters for the purpose of determining rate of water consumption during all reasonable hours.
- (l) Unless otherwise indicated by the Authority in writing, the following industrial wastes shall not be discharged into the sanitary sewer system.
1. Any noxious or malodorous solids, liquids, or gases which, singly or by interaction with other substances, are capable of creating a public nuisance or hazard to life or preventing entry into the treatment facilities for maintenance or repair.
 2. Any liquid or vapor having a temperature greater than 160 degrees Fahrenheit.
 3. Any waste or water containing more than 100 mg/l by weight of fats, oil or greases.
 4. Any waste or water that contains cyanide in excess of concentration determined by multiplying 0.2 mg/l by the ratio of the flow in the receiving stream to the design flow of the sewage treatment plant.
 5. Any water or waste containing suspended solids of such character and quantity that unusual attention or expense is required to handle such materials at the OCUA sewage treatment plant.
 6. Any grit or sludge from pits of service stations or other commercial or industrial establishments, as well as overflow from such pits to cesspool and septic tanks.
 7. Any gasoline or diesel engine cleaning or stripping of any kind from materials, supplies or equipment.
 8. Any water or waste containing fluoride in excess of a concentration determined by multiplying 1.2 mg/l by ratio of the average flow of the receiving stream to the design flow of the sewage treatment plant.
 9. Concentrated plating baths.
 10. Sulfides
 11. Formaldehyde and carbide wastes.
 12. Hydrogen sulfides concentrations of greater than 5 mg/l, sulphur dioxide, nitrous oxide or any halogens.
 13. Maximum permissible total solids - 5,000 mg/l.
 14. Maximum permissible dissolved solids - 5,000 mg/l.
 15. Maximum suspended solids - spec. gravity 2.80.
 16. Maximum antiseptic material - 100 mg/l.
 17. All paints and paint wastes.
 18. Other concentrations regulated and values, as shown on the following tabulation.

<u>Description</u>	<u>Maximum Allowed</u>
Ashes, feathers and similar solids.....	Prohibited
Inflammable material and petroleum.....	Prohibited
derivatives	
Unshredded garbage	Prohibited
Poisonous and noxious materials	Prohibited
pH.....	5.5 to 9.5
Iron.....	15 mg/l

Copper.....	3 mg/l
Cyanide	0.2 mg/l
Chromium	to 2.0 mg/l
Phenols.....	30 mg/l
Chlorine Demand.....	30 mg/l
Color	100 APUH

- (n) The limiting concentrations of any other material not listed here nor found in the reference above and suspected to be toxic to aquatic life will be determined by the bioassay method.
- (o) The Authority may require lower concentrations if one of the above parameters is in high concentration in the waste presently being treated at the sewage treatment plant or if, in the opinion of the BTMUA or the OCUA, the industrial waste is, or would be detrimental to treatment efficiency.
- (p) The Authority reserves the right to cancel any agreement between any industrial user and the Authority after one year. However, whenever it shall be found that a service installation or industrial waste pretreatment facility has been made contrary to these sewer use regulations, and constructed and operated in any manner other than that approved by the Authority, the service shall be disconnected and removed within thirty days. The service shall not again be supplied until the service installation and industrial waste treatment facilities are constructed and operated according to the rules and regulations of the Authority and all expenses and damages paid by the industrial user or its successors.

10.3 Industrial Discharge Permit (OCUA)

All industrial waste dischargers are required to apply for an "Industrial Discharge Permit" with the OCUA. The OCUA will review the application and issue the necessary permit.

10.4 Minimization and/or Elimination of Groundwater Infiltration Entering Sanitary Sewer Systems

The Authority has developed and uses the following plan to minimize and/or eliminate the infiltration of groundwater from entering its sanitary sewer system:

1. Immediately prior to internal inspections, clean all sewer lines by appropriate means using the proper equipment.
2. Conduct internal video television inspections of the actual conditions of the sanitary sewer system (i.e. sewer mains, sewer laterals and sewer manholes) identifying locations where infiltration is occurring within the system.
3. Once the locations of infiltration have been identified, measurement of the amount of infiltration entering a particular area of the sewer system will be done.

4. Prepare a data base for the internal inspections noting the locations of where infiltration is occurring and the measurement obtained for the infiltration. Update the information on a periodic basis.
5. Assimilation of the methods to use for minimizing and/or eliminating the identified problems of infiltration are as follows;
 - If the infiltration problem is found to be minimal, complete work on the chemical grouting of individual pipelines, individual service laterals and sanitary manholes on an as-needed basis.
 - Larger infiltration problems in the sanitary sewer system will require rehabilitation and replacement work completed on entire sections of the system including sewer mains, service laterals and sanitary manholes.
6. Sanitary manhole covers throughout the sanitary sewer system are periodically inspected. The manhole covers found to be allowing surface water to enter the sanitary sewer system are to be replaced with watertight manhole frames and covers.
7. Provide a continuous maintenance and monitoring program for the entire sewer system. The data base information for the entire sewer system will also be updated as part of this program.

10.5 Elimination and/or Controlling of Inflow Water from Entering the Sanitary Sewer System

The following procedures are to be followed to eliminate and/or control the water from inappropriate sources such as roof leaders, cellar and yard area drains, commercial and industrial discharges, drains from springs and swampy areas, sump pump discharges, air conditioner condensate lines, ect. found to be connected and discharging into the Authority's sanitary sewer system:

1. Identification of the locations of any inflow sources of water entering the sanitary sewer system utilizing various methods such as field surveys, smoke test, pipe and manhole inspections and rainfall monitoring.
2. Determination of the authenticity of, and assignment of the responsibility for the corrective action to be done for each of the identified inflow sources of water.
3. The following corrective measures are to be instituted in the event that it is determined the identified inflow source of water has been illegally connected to the sanitary sewer system and requires action to eliminate and/or control this water from entering the sewer system;

- Provide written notification to the responsible party and/or parties that the discovered inappropriate inflow source is required to be discontinued immediately and disconnected from the sewer system within thirty days of the notification.
 - The work associated with disconnecting the discovered inflow sources of water will be completed by the responsible party and/or parties. This work will be done in conformance with the Authority's specifications and inspected by the Authority.
 - In the event the corrective action is not completed to the satisfaction of the Authority and within the thirty day period, the Authority will complete this work and subsequently charge the responsible party and/or parties for it.
4. The Authority will provide a continuous monitoring and enforcement program to eliminate and/or control the water from inappropriate sources from entering and discharging into its sanitary sewer system.

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724
TEL: (732) 458-7000
FAX: (732) 458-5378

STATEMENT OF UTILITY SERVICES

APPLICANT: NAME: _____ PHONE _____ (bus)
_____ (home)

ADDRESS: _____

SUBJECT PROPERTY: ADDRESS _____

BLOCK (S) _____ LOT(S) _____

BTMUA ACCOUNT NO. _____ TAX MAP DRAWING NO. _____

SINGLE FAMILY RESIDENCE _____

MINOR SUBDIVISION _____

COMMERCIAL _____

MAJOR SUBDIVISION _____

WATER SEWER

1. UTILITY SERVICE CAN BE PROVIDED.
APPLICATION FOR SERVICE IS **REQUIRED**
CONNECTION WILL BE PROVIDED AS FOLLOWS:

INITIAL SERVICE CHARGES

WATER _____
(STREET)

3/4" _____ 1" _____

SEWER _____
(STREET)

2. UTILITY SERVICE CANNOT BE PROVIDED AT THIS DATE.
APPLICATION FOR EXTENSIONS IS _____
IS NOT _____ REQUIRED.

3. UTILITY SERVICE CANNOT BE PROVIDED AT THIS
TIME. IT SHALL BE AVAILABLE UPON COMPLETION
OF WORK BY A DEVELOPER UNDER APPLICATION
NO. _____. CONTACT THE AUTHORITY TO
CONFIRM AVAILABILITY OF SERVICES.

DATE: _____

SIGNED: _____

NOTE: STATEMENT GOOD FOR ONE YEAR.

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724

TEL: (732) 458-7000

FAX: (732) 458-5378

**STATEMENT OF UTILITY SERVICES
FOR APPROVED DEVELOPMENTS**

NAME: _____ BTMUA REF. NO: _____

ADDRESS: _____ TELEPHONE NO: _____

DEVELOPMENT KNOWN AS: _____

UNDER AN APPROVED APPLICATION, THE DEVELOPER IS REQUIRED TO INSTALL ALL WATER AND SEWER SERVICES. IF THE DEVELOPER FAILS TO INSTALL THE WATER AND SEWER SERVICES, THE BTMUA SHALL NOT BE OBLIGATED TO COMPLETE THE WORK.

NO CONNECTIONS ARE TO BE MADE UNTIL ALL FEES HAVE BEEN PAID, AND CONSTRUCTION OF UTILITY LINES HAS BEEN INSPECTED AND APPROVED.

THE FOLLOWING PROPERTIES CAN BE CONNECTED TO THE WATER AND/OR SANITARY SEWER TESTED BY THE DEVELOPER, AND APPROVED BY THE BTMUA.

		BTMUA			
<u>BLOCK</u>	<u>LOT</u>	<u>SERVICE LOCATION</u>	<u>ACCT. NO.</u>	<u>WATER</u>	<u>SEWER</u>

DATE: _____ SIGNED: _____

SIZING FOR WATER AND SEWER SERVICES

Property Owner _____ Date _____

Property Address _____ Block ____ Lot _____

Zoning _____ Use Group _____

Contractor _____ License # Registration _____

Water Main Size _____ Water Pressure _____ Sewer Main Size _____

<u>PLUMBING FIXTURES</u>	<u>NUMBER</u>	<u>(sfu) WATER UNITS</u>	<u>(dfu) DRAINAGE</u>
1: Bathroom Group	_____	() _____	() _____
2: Kitchen Group	_____	() _____	() _____
3: Water Closets	_____	() _____	() _____
4: Lavatory	_____	() _____	() _____
5: Bath Tub	_____	() _____	() _____
6: Shower Stall	_____	() _____	() _____
7: Kitchen Sink	_____	() _____	() _____
8: Service Sink	_____	() _____	() _____
9: Laundry Tray	_____	() _____	() _____
10: Dishwasher	_____	() _____	() _____
11: Washing Machine	_____	() _____	() _____
12: Urinal	_____	() _____	() _____
13: Floor Drain	_____	() _____	() _____
14: Drink Fountain	_____	() _____	() _____
15: Air Conditioner			
Water Cooled	_____	() _____	() _____
16: Dental Unit	_____	() _____	() _____
17: Lawn Sprinkler	_____	() _____	() _____
18: Fire Sprinkler	_____	() _____	() _____
19: Hose Bibs	_____	() _____	() _____

Total _____

Gallons per minute _____

Size of Service _____

Date: _____ Approved: _____

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724

TEL: (732) 458-7000

FAX: (732) 458-5378

APPLICATION FOR UTILITY SERVICES

CUSTOMER NAME _____

ADDRESS: Street _____

City _____ State _____ Zip _____

SERVICE LOCATION _____

Route _____ Account No. _____ Block _____ Lot _____

WATER SERVICE SIZE _____ METER SIZE _____ FIRE SERVICE _____

TYPE OF SERVICE: Residential _____ Commercial _____ SEWER SIZE _____

	WATER	SEWER
PERMIT FEE - BTMUA	_____ (71)	_____ (91)
- BRICK TOWNSHIP	_____ (65)	_____ (85)
*TAPPING FEE	_____ (72)	_____ (92)
*METER COST	_____ (79)	
* INITIAL SERVICE CHARGE	_____ (73)	_____ (93)

FEE PAID \$ _____ PAYMENT RECEIVED: _____

(signed) BTMUA Clerk

=====

***IMPORTANT NOTE: THESE CHARGES ARE DUE WHEN CERTIFICATE OF COMPLIANCE IS ISSUED AND CANNOT BE PREPAID. THESE CHARGES ARE SUBJECT TO INCREASES ACCORDING TO N.J.S.A. 40:14B-21, et seq. COSTS FOR SPECIAL EQUIPMENT AND/OR PERSONNEL NEEDED FOR INSTALLATION, SUCH AS DEWATERING AND SHORING, WILL BE CHARGED TO THE CUSTOMER.**

(Signed) _____
Applicant/Customer (Phone Number)

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724

TEL: (732) 458-7000

FAX: (732) 458-5378

WATER SERVICE PERMIT

ACCOUNT # _____ METER # _____ METER MFR. _____

SIZE OF SVC LINE _____ METER SIZE _____

CONNECTION FEE \$ _____

INSPECTIONS

	Date 1 st	Insp. 2 nd	Comment	Inspector
A. Service Line				
B. Curb Connection				
C. House Conn & Mtr				
D. Cross Connection				

Inspector

Homeowner/Applicant

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST
 BRICK, NEW JERSEY 08724
 TEL: (732) 458-7000
 FAX: (732) 458-5378

SEWER SERVICE PERMIT

CONTRACT NO. _____

ACCOUNT # _____

SIZE OF SVC LINE _____

CONNECTION FEE \$ _____

INSPECTION FEE \$ _____

DIST: DIST:

LENGTH _____ DEPTH _____

STREET NAME _____

INSPECTIONS

	Date 1 st	Insp. 2 nd	Comment	Inspector
A. Lateral				
B. Curb Connection				
C. House Connections				

 Inspector

 Homeowner/Applicant

 Plumber

 Date

 Lisc. No.

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724

TEL: (732) 458-7000

FAX: (732) 458-5378

CERTIFICATE OF COMPLIANCE

DATE_____

NAME_____

ADDRESS_____

PROPERTY LOCATION_____

Account No. _____ Block _____ Lot _____

I hereby certify that the above applicant has complied with all Rules and Regulations of this Authority and has paid all required fees and charges.

For the BTMUA Director of Customer Accounts_____

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724

TEL: (732) 458-7000

FAX: (732) 458-8203

APPLICATION FOR REVIEW OF PRELIMINARY PLANS FOR UTILITY SERVICES

1. APPLICATION MUST BE SUBMITTED NO LATER THAN THE 1ST OF THE MONTH FOR CONSIDERATION AT THAT MONTH'S AUTHORITY MEETING.
2. NUMBER OF PROPOSED UNITS: _____ Fee: (From Rate Schedule)
3. APPLICANT:
NAME _____
ADDRESS _____
PHONE NO. _____
4. PRESENT OWNER (IF OTHER THAN APPLICANT):
NAME _____
ADDRESS _____
PHONE NO. _____
5. PROPERTY LOCATION: STREET _____
BLOCK (S) _____ LOT (S) _____
6. DEVELOPMENT PLANS:
A. COMMERCIAL _____ INDUSTRIAL _____
BUILDING USE _____
ESTIMATED WATER CONSUMPTION _____ GALS./DAY
B. RESIDENTIAL _____
SELL LOTS _____ CONSTRUCT BUILDINGS _____
7. DESIGNER OF PRELIMINARY PLANS (NAME, ADDRESS AND PHONE NO.):

8. ONE SET OF PLANS IS REQUIRED WITH THIS APPLICATION.

I hereby certify as an applicant to and/or customer of The Brick Township Municipal Utilities Authority that I am not currently in violation of any prior approvals or rules and regulations of the Authority, nor am I delinquent with respect to any outstanding charges, fees, etc.

APPLICANT SIGNATURE: _____

DATE: _____

(DO NOT WRITE BELOW THIS LINE)

=====

DATE: _____ FEE PAID _____ CHECK NO: _____

BTMUA APPLICATIONS NO: _____

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724

TEL: (732) 458-7000

FAX: (732) 458-8203

APPLICATION FOR FINAL APPROVAL OF UTILITY SERVICES

1. APPLICATION MUST BE SUBMITTED NO LATER THAN THE 1ST OF THE MONTH FOR CONSIDERATION AT THAT MONTH'S MEETING.
2. DEPOSITS: ESCROW DEPOSITS ARE BASED ON ESTIMATES OF THE ENTIRE COST OF THE PROJECT. THE ESTIMATE SHALL BE COMPLETED ON THE "DEVELOPER CONSTRUCTION ESTIMATING WORKSHEET" PROVIDED BY THE AUTHORITY.
 DESIGN REVIEW DEPOSIT: **SEE SECTION 3.3.2** OF THE RULES AND REGULATIONS
 INSPECTION FEE: **SEE SECTION 7.3.1** OF THE RULES AND REGULATIONS
 SUBMIT COMPLETED SEPARATE "DEVELOPER CONSTRUCTION ESTIMATING WORKSHEETS" FOR SEWER AND WATER WITH THIS APPLICATION AND INDICATE TOTAL HERE: \$_____
3. APPLICANT: NAME _____ PHONE NO. _____
 ADDRESS _____
4. PROPERTY LOCATION: STREET _____
 BLOCK(S) _____ LOT(S) _____
5. DESIGNER OF PLANS (NAME, ADDRESS AND PHONE NO.):

6. NUMBER OF PROPOSED UNITS: _____
7. TOTAL ESTIMATED WATER CONSUMPTION: _____ GPD.
8. IF CONSTRUCTION OF UTILITIES IS REQUIRED, APPLICANT MUST POST PERFORMANCE AND MAINTENANCE BONDS. THE PERFORMANCE BOND MUST BE POSTED PRIOR TO START OF CONSTRUCTION, IN AN AMOUNT EQUAL TO 100% OF THE TOTAL PROJECT COST ESTIMATE.
9. ONE SET OF PLANS AND SPECIFICATIONS IS REQUIRED WITH THIS APPLICATION.

I hereby certify as an applicant to and/or customer of The Brick Township Municipal Utilities Authority that I am not currently in violation of any prior approvals or rules and regulations of the Authority, nor am I delinquent with respect to any outstanding charges, fees, etc.

APPLICANT SIGNATURE: _____

DATE: _____

DO NOT WRITE BELOW THIS LINE

DATE: _____ FEE PAID: WATER _____ CHECK NO. _____
SEWER _____

DEVELOPMENT NAME: _____ BTMUANO: _____

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY
 1551 HIGHWAY 88 WEST
 BRICK, NEW JERSEY 08724
 TEL: (732) 458-7000
 FAX: (732) 458-8203

DEVELOPER CONSTRUCTION ESTIMATE WORKSHEET
WATER SYSTEM

PROJECT NAME: _____ BTMUA APPLICATION NO. _____

I. PIPE – DUCTILE IRON CLASS 52

<u>Size</u>	<u>Linear Feet</u>		<u>Cost/LF</u>	=	\$ _____	
6"	_____	x	\$20.00	=	\$ _____	
8"	_____	x	\$25.00	=	\$ _____	
10"	_____	x	\$28.00	=	\$ _____	
12"	_____	x	\$32.00	=	\$ _____	\$ _____

TOTAL SECTION I

II. VALVES

<u>Size</u>	<u>Linear Feet</u>		<u>Unit Cost</u>	=	\$ _____	
6"	_____	x	\$550.00	=	\$ _____	
8"	_____	x	\$810.00	=	\$ _____	
10"	_____	x	\$960.00	=	\$ _____	
12"	_____	x	\$1,350.00	=	\$ _____	\$ _____

TOTAL SECTION II

III. FIRE HYDRANT ASSEMBLY

Quantity _____	x	Unit Cost \$2,500.00	=	\$ _____
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TOTAL SECTION III

IV. POST HYDRANT ASSEMBLY

Quantity _____	x	Unit Cost \$2,000.00	=	\$ _____
----------------	---	----------------------	---	----------

TOTAL SECTION IV

V. WET TAP

Quantity _____	x	Unit Cost \$2,000.00 (6" & 8")	=	\$ _____
		x Unit Cost \$3,000.00 (12")	=	\$ _____

TOTAL SECTION V

VI. STANDARD WATER SERVICE FROM MAIN TO CURB BOX

Quantity _____	x	Unit Cost \$500.00	=	\$ _____
----------------	---	--------------------	---	----------

TOTAL SECTION VI

VII. DEWATERING

Lump Sum Cost	=	\$ _____
---------------	---	----------

TOTAL SECTION VII

VIII. ROAD RESTORATION – FOR WORK ON EXISTING ROADS

<u>Type</u>	<u>Square Yards</u>		<u>Cost/Sq. Yd.</u>	=	\$ _____	\$ _____
County	_____	x	\$45.00	=	\$ _____	\$ _____
Municipal	_____	x	\$30.00	=	\$ _____	TOTAL SECTION VIII

IX. TOTAL ESTIMATED CONSTRUCTION COSTS (I through VIII)..... \$ _____
 (Costs include labor and materials) TOTAL SECTION IX

Date: _____ Prepared by: _____
 FIRM: _____

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY
 1551 HIGHWAY 88 WEST
 BRICK, NEW JERSEY 08724
 TEL: (732) 458-7000
 FAX: (732) 458-8203

DEVELOPER CONSTRUCTION ESTIMATE WORKSHEET
SANITARY SEWER SYSTEM

PROJECT NAME: _____ BTMUA APPLICATION NO. _____

I. PIPE – SDR 35 PVC

						<u>Unit Cost Per Linear Foot</u>		
<u>Depth</u>	<u>Linear Feet</u>			<u>Size (8")</u>			<u>Size (10")</u>	
0-8'	_____	x	\$23.00 =	\$_____	x	\$25.00 =	\$_____	
8-12'	_____	x	\$28.00 =	\$_____	x	\$30.00 =	\$_____	
12-16'	_____	x	\$35.00 =	\$_____	x	\$40.00 =	\$_____	
16-20'	_____	x	\$44.00 =	\$_____	x	\$48.00 =	\$_____	
TOTALS				\$_____	\$_____			
					\$_____			
					TOTAL SECTION I			

II. MANHOLES – PRECAST

		<u>4' Diameter</u>				<u>5' Diameter</u>		
<u>Depth</u>	<u>Quantity</u>		<u>Unit Cost</u>		<u>Quantity</u>		<u>Unit Cost</u>	
0-8'	_____	x	\$2,200.00=	\$_____	x	\$3,250.00 =	\$_____	
8-12'	_____	x	\$2,500.00=	\$_____	x	\$3,500.00 =	\$_____	
12-16'	_____	x	\$2,800.00=	\$_____	x	\$3,850.00 =	\$_____	
16-20'	_____	x	\$3,300.00=	\$_____	x	\$4,400.00 =	\$_____	
TOTALS				\$_____	\$_____			
					\$_____			
					TOTAL SECTION II			

III. LATERALS – FROM MAIN TO CLEANOUT Standard Lateral
 Quantity _____ x Unit Cost \$525.00 =

\$_____

TOTAL SECTION III

IV. DEEP HOUSE CONNECTION
 Quantity _____ x Unit Cost \$2,500.00 =

\$_____

TOTAL SECTION IV

V. QUANTITY TO EXISTING MANHOLE
 Quantity _____ x Unit Cost =

\$_____

TOTAL SECTION V

VI. DEWATERING
 Lump Sum Cost =

\$_____

TOTAL SECTION VI

VII. ROAD RESTORATION – FOR WORK ON EXISTING ROADS

<u>Type</u>	<u>Square Yards</u>		<u>Cost/Sq. Yd.</u>			
County	_____	x	\$45.00 =	\$_____	\$_____	
Municipal	_____	x	\$30.00 =	\$_____	\$_____	TOTAL SECTION VII

VIII. TOTAL ESTIMATED CONSTRUCTION COSTS (I through VII)..... \$_____

(Costs include labor and materials)

TOTAL SECTION VIII

Date: _____ Prepared by: _____
 FIRM: _____

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, the undersigned _____
(name or legal title and address of the Contractor)
_____ as PRINCIPAL, and
_____, a
(legal title of Surety)
corporation organized existing under the laws of the State of _____ as SURETY, are held and
firmly bound unto the Brick Township Municipal Utilities Authority as OBLIGEE, in full and just several sums of
_____ DOLLARS
(\$ _____) lawful money of the United States of America, to be paid to the said OBLIGEE, or its attorney,
successors, or assigns, to the payment of which sums well and truly to be made, the said PRINCIPAL SURETY bind
themselves, their heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, said PRINCIPAL has entered into a certain contract with said OBLIGEE dated _____, (hereinafter called
the CONTRACT) for _____

_____ which contract and the contract documents for said work shall be deemed a part hereof as fully as if set forth herein.

NOW, THEREFORE, the conditions of this bond shall be such that:

If the PRINCIPAL shall well, truly and faithfully comply with and perform the contract in accordance with the contract documents, at the time and manner provided therein, and if the PRINCIPLE shall satisfy all claims and demands incurred in or related to the performance of the contract by the PRINCIPAL and if the PRINCIPAL shall indemnify completely and shall save harmless the OBLIGEE from any and all costs and damages which the OBLIGEE may sustain or suffer by reason of the failure of the PRINCIPAL to do so, and if the PRINCIPAL shall reimburse completely and shall pay to the OBLIGEE any and all costs and expenses which the OBLIGEE may incur by reason of any such default or failure of the PRINCIPAL, then this bond shall be void; otherwise, this bond shall be and remain in force and effect.

The PRINCIPAL and the SURETY agree that any alterations, changes, or additions to the contract documents, and/or any alterations, changes or additions to the work to be performed under the contract in accordance with the contract documents, and/or any alterations, changes or additions to the contract, and/or any giving by the OBLIGEE of any extensions of time for performance of the contract in accordance with the contract documents and/or any act of forbearance of whether the PRINCIPAL or the OBLIGEE toward the other with respect to the contract documents and the contract and/or the reduction of any percentage to be retained by the OBLIGEE as permitted by the contract documents and by the contract shall not release the PRINCIPAL and the SURETY, or either of them, or their heirs, executors, administrators, successors or assigns, in any manner whatsoever from their liability under this bond, and the SURETY, for the value received, does waive notice of any such alterations, changes, additions, extensions of time, acts of forbearance, and/or reductions of retained percentage.

If the OWNER and the PRINCIPAL agree to arbitration, then the SURETY shall become a party thereto and be bound by the results of the arbitration.

IN WITNESS WHEREOF, the PRINCIPAL and SURETY have executed this instrument under their several seals this ____ day of _____, _____, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its proper officers, pursuant to authority of its governing body.

(IF A CORPORATION)
Attest:
_____ By: _____
(Corporate Principal)

(Name and Title)

(Seal)

(Business Address)

(IF INDIVIDUAL OR PARTNERSHIP)

Witness:

_____ (Principal)

_____ (Home Address)

_____ (Business Address)

Witness:

_____ (Principal)

_____ (Home Address)

_____ (Business Address)

=====

SURETY

Attest:

_____ By: _____ (Corporate Surety)

_____ (Name and Title)

_____ (Business Address)

SAMPLE LETTER OF CREDIT

(Date)

The Brick Township Municipal Utilities Authority
1551 Highway 88 West
Brick, New Jersey 08724

Re: Letter of Credit No.:
Amount:
Expires:

Sir/Madam:

1. By order of (Developer), (The Bank) does hereby open this Clean Irrevocable Letter of Credit to your favor in the amount of \$_____, effective as of (Date). The expiration date shall be automatically extended for a period of one year, unless ninety (90) days prior to any expiration we shall notify you that we elect not to extend. Notice of such election shall be forwarded by certified mail to the Director of Engineering, The Brick Township Municipal Utilities, 1551 Highway 88 West, Brick, New Jersey 08724. Upon receipt of said notice, you may issue your sight draft upon us subject to the requirements of Paragraph 4 herein.

2. (Developer) has received final approval from The Brick Township Municipal Utilities Authority regarding water and sewer lines and is required to construct certain improvements as shown on the bond estimate for (Name of Development or Project, Date, and Engineer's identification), and approved by The Brick Township Municipal Utilities Authority on (Date).

The estimated cost to construct and install these certain improvements has been calculated by (Developer's Engineer) and approved by The Brick Township Municipal Utilities Authority, and such estimates are attached hereto and made a part hereof.

This Irrevocable Letter of Credit is intended to secure performance by the Developer of the aforesaid improvements, and this Letter of Credit is subject to all applicable rules and regulations of The Brick Township Municipal Utilities Authority in regard to same.

3. The funds provided for herein are available to you in whole or in part against your sight draft upon us at (Location of Bank's Office), accompanied by a certificate from The Brick Township Municipal Utilities Authority as follows: (a) the improvements which (Developer) is obligated to install as set forth in the documents indicated above have been improperly installed, damaged or not constructed in whole or in part; (b) itemization of the items improperly installed, damaged or not constructed in whole or in part; and (c) proof of

mailing of written notification to (Developer) of the itemized list of improvements which have been improperly installed, damaged or not constructed in whole or in part as provided in (b) above; and (d) agreement from The Brick Township Municipal Utilities Authority to promptly return all funds to (Developer) not utilized in correcting the deficiencies certified by The Brick Township Municipal Utilities Authority Director of Engineering or expended in engineering costs or legal fees.

All drafts drawn under this Letter of Credit must stated "Drawn under (Name of Bank, Letter of Credit Number, and Date).

4. The funds provided for herein are also available if (Bank) elects not to renew this Clean Irrevocable Letter of Credit provided in Paragraph 1 herein and (Developer) fails to provide such other security acceptable to The Brick Township Municipal Utilities Authority. Then, and in such event, the funds are available against your sight draft upon us at (Address of Bank) without the necessity of meeting the requirements of Paragraph 3 herein.

5. This Letter of Credit sets forth in full the terms of our undertaking, and such undertaking shall not in any way be modified, amended or amplified by reference to any documents, instrument or contract referred to herein or in which this Letter of Credit is referred to or to which this Letter of Credit relates; and any such reference shall not be deemed to incorporate herein by reference any documents, instrument or contract.

6. Except insofar as otherwise expressly stated herein, this Letter of Credit is subject to the "Uniform Customs and Practice of Documentary Credit (1983 Revision), International Chamber of Commerce Publication No. 400."

7. We hereby agree with you that drafts drawn under and in compliance with the terms of this Letter of Credit shall be duly honored if presented to the above drawee bank on or before any expiration date.

8. This Letter of Credit must accompany any draft which exhausts the credit and must be surrendered concurrently with the payment of such draft.

Very truly yours,

ATTEST: