

**RULES AND REGULATIONS
FOR
SEWERAGE DISPOSAL SYSTEMS
IN
RESIDENTIAL AND NONRESIDENTIAL
DEVELOPMENTS
IN THE
TOWNSHIP OF MIDDLETOWN
JULY 2012**

**TOWNSHIP OF MIDDLETOWN
SEWERAGE AUTHORITY
CENTER AVENUE, BELFORD
NEW JERSEY**

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RULES AND REGULATIONS
FOR
DISPOSAL SYSTEMS IN RESIDENTIAL AND
NON-RESIDENTIAL DEVELOPMENTS IN THE
TOWNSHIP OF MIDDLETOWN

WHEREAS, there are waters in and about the Township of Middletown which are subject to pollution from causes arising within the Township, and

WHEREAS, the governing body of the Township of Middletown has heretofore determined that because of the imperative need for relief of said waters from pollution, there should be created in the Township, the Township of Middletown Sewerage Authority, pursuant to the Sewerage Authorities Law of the State of New Jersey (P. L. 19 4 6 C. 13 8, as amended) , and

WHEREAS, pursuant to said determination, there has been duly established in the Township, the Township of Middletown Sewerage Authority, which Authority operates and maintains a comprehensive sewerage system, pump stations, and treatment plant to serve the portions of the Township which have a sanitary sewer collection system, and

WHEREAS, the Authority hereby requires that certain Rules and Regulations be adhered to and that certain property owners, subdividers, and developers construct sanitary sewer systems in areas of the Township where the Authority has no facilities, or in areas where the Authority does not now intend to install sanitary sewers, and

WHEREAS, the Authority realizes the necessity of promulgating rules and regulations to be pursued in considering applications to be received from said property owners, subdividers and developers for installation of sanitary sewer systems, or the waiver thereof, and whereas the Authority is cognizant that seldom do two cases involve identical circumstances and that each application will be judged on its own facts; and

WHEREAS, the Authority system is one which can properly treat and discharge domestic sewage, and that discharge to the Authority system of non-domestic sewage could cause irreparable damage to the system or subject the Authority to severe fine from other agencies, and

WHEREAS, the Authority must comply with its NJDEP permit, applicable local, State, and Federal regulations, concerning system operations, now

THEREFORE, be it resolved by the Authority that the following rules and regulations be adopted:

ARTICLE I

GENERAL REQUIREMENTS

A. EXISTING SEWERAGE SYSTEM ACCESSIBLE

Residential units, regardless of volume of flow, and all non-residential units, such as schools, commercial buildings, industrial buildings and all other structures, will be required to install a sanitary sewer system to connect to the nearest existing sanitary sewer in the Township, unless the Authority waives this requirement as described in Article IB herein.

All units will be required to connect to the nearest sanitary sewer if the nearest property line of the subject unit is within 100 feet of the nearest existing sanitary sewer.

B. EXISTING SEWERAGE SYSTEM REMOTE

In the event the applicant's property is more than 100 feet from an existing sanitary sewer, then one of the following methods of sewage disposal will be required as determined by the Authority:

- 1) Sanitary sewer system.
- 2) Dry sanitary sewer system for future use and, individual sewage disposal systems on each lot.
- 3) Individual sewage disposal systems.

C. APPROVAL OF AUTHORITY REQUIRED

The location, design, and construction of any and all sewerage facilities shall be subject to review and approval of the Authority in accordance with the standards and requirements as hereinafter set forth, the Rules and Regulations of the New Jersey State Department Of Environmental Protection, all applicable ordinances of the Township, and all laws, rules and regulations promulgated by Federal, State or County agencies having jurisdiction thereof.

D. PROVISION FOR FUTURE CONNECTIONS

All developers, subdividers and property owners shall make provisions for future connection of adjacent and/or upstream lots or properties owned by others as required by the Authority.

E. EASEMENTS REQUIRED

Applicant shall be required to convey to the Authority prior to the time actual connection to the system occurs easements free and clear of all liens and encumbrances in a form approved by the Authority, Authority Consulting Engineer and Authority Attorney executed by the owner of the title in fee of the premises upon which the easement is located for all sanitary sewer lines (excluding house connections or building sewer) which are not located within a public right-of-way.

F. MANDATORY-CONNECTION

The mandatory connection ordinance passed by the Middletown Board of Health is hereby made a part of these Rules and Regulations:
(see Appendix "A")

G. BUILDING SEWER-FOR EACH LOT

A separate building sewer shall be provided for every building. However, where one building stands at the rear of another, or is located on an interior lot, and no sewer is available, the building sewer from the front building may be extended to the rear building with the consent of the owner of the front building provided formal easements are executed by the property owners, and that such easements are reviewed and approved by the Authority and its Attorney and Engineer, and that Construction Permits are obtained from all other agencies having jurisdiction (NJDEP, Township plumbing, etc). Each building so connected shall be considered as a minimum of one (1) "UNIT" for the purpose of determining "Connection Fees" and charges in accordance with the "Schedule of Charges" regardless of the number of building sewers required or actually constructed. The maintenance of such building sewer is the responsibility of the property owners.

A building owned by one party containing more than one store, apartment, or office, may be required to have one or more building sewers at the discretion of the Authority. Each store, office, apartment, etc., will be considered as one (1) "UNIT" for the purpose of determining "Connection Fees" in accordance with the "Schedule of Charges" regardless of the number of building sewers required or actually constructed.

H. LATERAL CONNECTION

Where an existing street sewer lateral is available, the house service connection shall be connected to the existing street sewer lateral. Where no street lateral is available, construction of the entire building sewer, including the street lateral, cleanout, connection to the mainline sewer, and excavation and restoration of the road, sidewalk and curbing shall be done by the applicant at his expense and shall be constructed to, the satisfaction of the Authority. A road opening permit for the street sewer lateral must be obtained by the owner, his agent, or owner's contractor, from the government agency having jurisdiction over the road, (State, County, or Township) and the repair of the road must comply with the requirements of the agency having jurisdiction.

Street sewer lateral connections shall not be made into manholes unless specifically approved on the Sewerage Authority permit application form. If a manhole connection is allowed, it shall be core drilled and gasketed.

Connections to the TOMSA system must be inspected and approved by Authority personnel.

I. PUMPING REQUIRED

In buildings in which any building (house) sewer connection is too low to permit gravity flow to the street sewer, sanitary sewage shall be pumped and discharged to the TOMSA system. The construction details of the portion of the connection in the right-of-way shall have prior approval by the Authority, and shall be provided to the Authority by the owner or the applicant. The portion of the system on private property, including the pump, shall be owned and maintained by the owner/applicant, and the owner shall apply for, and obtain, all local, County, and State permits

J. CLEANOUT REQUIRED

A cleanout connection shall be made by the applicant, at his expense, on the house lateral at the property line. The cleanout shall be a vertical riser of the same diameter as the lateral using a "wye and 1/8 bend" extending from the house lateral and brought up to grade level. The cleanout shall have a brass screw cap with a raised nut. The Authority reserves the right to specify, that this cleanout connection be made, up to two (2) feet on the owner's side of the property line. Cleanouts shall not be located in a riding surface, road, or driveway without having a special box or manhole, approved by Township of Middletown Sewerage Authority, to protect it from traffic loads.

K. DEWATERING REQUIRED

All excavations for the purpose of making connection to the street sewer or manhole must be dry. If water is encountered, well points or other means must be employed to maintain the ground water level at least two (2) feet below the bottom of the trench, street sewer pipe, or manhole bottom. The applicant must obtain all necessary dewatering and other permits from the NJDEP, and any other applicable local, state or federal agency. Openings in the street sewer or manhole must be protected from infiltration of water, sand, dirt and trash for as long as the trench; sewer; or manhole remains open.

L. PUMP STATIONS/TREATMENT PLANTS

Public Pump Stations or Treatment plants will not be permitted unless shown on the Master Plan, replacing an existing station/plant, or serving as a pre-treatment plant approved by the NJDEP. Private pump station/treatment plants will require review and approval by the Authority, its professionals, and NJDEP. Any applicant who is proposing a private pump station/treatment plant must present a report to the Township of Middletown Sewerage Authority outlining the need, and details of operation and maintenance. A pre-application meeting with, at minimum, the Authority Executive Director and its Engineer, must be scheduled to review the report prior to proceeding with the Preliminary application.

M. INSURANCE REQUIREMENTS

Prior to issuance of a permit and/or any sewer construction, an Applicant must submit to the Authority certificates of insurance satisfactory to the Authority and its professionals. Certificates of insurance must have the following minimum limits:

1. Workers Compensation per New Jersey Statute.
2. Employer's liability shall be in the amount of \$1,000,000.00.
3. Comprehensive General Liability limits shall be \$1,000,000.00 bodily injury each occurrence and \$1,000,000.00 property damage each occurrence. (Must include broad form coverage for explosion, collapse, and underground).
4. Comprehensive automobile liability limits shall be \$1,000,000.00 bodily injury each occurrence and \$1,000,000.00 property damage each occurrence.
5. Pollution Liability Insurance shall be in the amount of \$1,000,000.
6. Umbrella liability coverage limit shall be \$3,000,000 excess of general liability and automobile liability and pollution liability shall be provided.

All insurance policies required in Parts 3,4,5 and 6 must list the Township of Middletown Sewerage Authority and Engineer as certificate holder and additional insured.

No work will be performed without the above information being filed with TOMSA and the Engineer's office.

THE INSURANCE COVERAGE SHALL CONTAIN THE FOLLOWING CLAUSE:

INDEMNIFICATION

To the fullest extent permitted by law, **APPLICANT** shall indemnify and hold harmless **TOWNSHIP OF MIDDLETOWN SEWERAGE AUTHORITY** and Engineer and their agents and employees from and against all claims, damages, losses and expenses including but not limited to attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claim, damage, loss or expense (a) is attributable to bodily

injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom and (b) is caused in whole or in part by any negligent act or omission of **APPLICANT**, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

In any and all claims against the **TOWNSHIP OF MIDDLETOWN SEWERAGE AUTHORITY** or Engineer or any of their agents or employees by any employee of **APPLICANT**, any Subcontractor, any other person or organization directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under the first paragraph of this subsection shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for **APPLICANT** or any such Subcontractor or other person or organization under workers or workmen's compensation acts, disability benefit acts or other employee benefit acts.

This indemnification shall not apply to claims against the Engineer and/or the Engineer's Subconsultants, agents or employees arising out of: a) preparing, approving, or failing to prepare or approve, maps, drawings, opinions, reports, surveys, change orders, designs or specifications; or b) giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage.

Insurance requirements for non-domestic waste discharges will be subject to determination by the Authority at the time of application.

N. WASTE ACCEPTED BY TOWNSHIP OF MIDDLETOWN SEWERAGE AUTHORITY

The only waste to be accepted into the Authority's system, unless prior written approval has been issued by the Authority, shall be standard biodegradable domestic waste * typical of an individual residence. Sump pump discharges and/or surface drainage are not allowed to enter the Sanitary Sewer System. See Appendix B for a listing of prohibited substances.

* Domestic waste shall mean human, normal household food waste, washer discharge. Excessive food, grease and all oils are prohibited.

- O. INDUSTRIAL/COMMERCIAL CONNECTION RESTRICTIONS
Applications for connection by Industrial/
Commercial users discharging: cooling water;
processed waste; laboratory wastes; grease;
oil; and all nondomestic wastes shall be reviewed
on a case by case basis. The Authority has no
obligation to grant connection for non-domestic
discharge. A "User Permit/Agreement" must be
approved and executed by the Authority and NJDEP
prior to connection of non-domestic waste and use
of the Authority's system. The Authority reserves
the right to require pre-treatment, sample pits,
metering and control manholes as deemed necessary,
and, after review of the application, may deny
such connection, if the Authority deems it in the
best interest of the system operations. The
applicant shall pay all costs for application
review and subsequent Authority work to monitor
approved or disapproved connections.

The Township of Middletown Sewerage Authority
reserves the right to entry and inspection into a
user's premises for purposes of determining the
types and characteristics of wastewater entering
the sanitary sewer system.

- P. EXCESS INFILTRATION

If, in the Township of Middletown Sewerage
Authority's opinion, excess groundwater is flowing
through a private lateral, Township of Middletown
Sewerage Authority will require the lateral be
repaired or replaced at the owner's expense. Sump
pump discharges and surface drainage are prohibited
to enter the sanitary sewerage system.

ARTICLE II

APPLICATIONS

A. GENERAL

All Developers, Subdividers and Residential owners must make application to Township of Middletown Sewerage Authority and obtain appropriate permits prior to connecting to the Township of Middletown Sewerage Authority system. This application can not be made until Preliminary and Final approvals have been obtained from the Middletown Planning/Zoning Boards.

Owners of individual existing lots and residences who desire or are required to connect to the system will be required to complete an "Application for Building Sewer Permit" prior to connection and/or obtaining a certificate of occupancy.

Developer's and subdividers must comply with preliminary, and final application procedures described herein as well as complete "Application for Building Sewer Permit". No application will be considered unless a Professional Engineer, registered in the State of New Jersey, is in charge of the planning and design of the proposed sewerage facilities and his/her seal is affixed to the plans, specifications, and engineers report. (If a site requires a pump station please refer to Article I-L).

B. PRELIMINARY APPLICATION

A preliminary application for review of the proposed subdivision or other development, shall be submitted to the Authority for a ruling on whether an individual or comprehensive sewerage system is required.

Preliminary application shall be filed, in duplicate, on a form which may be obtained from the Authority, a copy of which is included herewith as Exhibit "A".

In addition to the form of application, the applicant shall furnish two (2) copies of all applications submitted to the Township Planning/Zoning Board(s) including plot plans, a general location plan, and sketch plan showing streets, lots, the tax lot number and block, the location of the nearest existing sanitary sewer, plans and profiles of proposed sewers, Engineer's Report, the location of the nearest stream, and the general layout and location of the proposed sewage system.

In addition to the above, a flow estimate for the proposed site shall be submitted for review.

Maximum map size of all plans shall not exceed 24"x 36".

An application fee in accordance with the existing Fee Schedule at the time of application shall accompany each application. An applicant will not be given consideration before filing an application and application fee with the Authority.

A minimum of four weeks shall be allowed for review of the preliminary application and for action by the Authority. The Authority reserves the right to request additional information before taking action on the preliminary application.

C. FINAL APPLICATION

If sewers are required, the applicant must submit an application, in duplicate, for final approval on a form (Exhibit "B") furnished by the Authority, together with the supporting data described below.

To receive consideration the application must be accompanied by the proper application fee for review in accordance with the existing Fee Schedule at the time of application.

The application shall be accompanied by the following supporting data:

- 1) Engineer's Report

- 2) General map of the entire project
- 3) Plans and profiles of all proposed sewers
- 4) Specifications
- 5) Cost estimate
- 6) Soil borings and foundation report (with dewatering recommendations)
- 7) Maintenance and Protection of Traffic/Safety Plan

Application for final approval must be submitted at least thirty (30) days prior to the date upon which action by the Authority is desired.

Applications are to be signed by the owner or owners or by a proper official of the Company, or, if signed by an authorized agent, shall be accompanied by a certified copy of the authorization.

The supporting data accompanying the application shall include the following:

1) Engineer's Report

A complete engineer's report, setting forth the basis for design, shall be submitted to the Authority for each project. It shall include:

- A) Description of geographic area to be served.
- B) Existing and predicted population of areas to be served.
- C) Terrain data in sufficient detail to establish general topographic features of the area to be served, but at minimum, A Topographic map with two (2) foot contour intervals.
- D) Minimum and maximum grades proposed (minimum grade for eight (8") inch diameter sewer is 0.40 percent). Each manhole should have a 0.1 ft. drop.
- E) Pumping stations required (use of pump stations may be sufficient cause for project disapproval- see Article I-L).
- F) Intended use of the proposed improvements and the characteristics of sewage expected from such use.
- G) The effect of the proposed sewerage facilities on existing or proposed sewerage systems.

- H) The estimated daily flow.
- I) Description of materials and construction specifications for the project.
- J) A preliminary cost estimate approved by the Authority Engineer.
- K) Soil borings to a point at least 5' below the proposed pipe invert may also be required. (In areas where groundwater conditions will be encountered, deeper borings may be required.)
- L) Any other information which would affect design and use of the sewerage system, or may be requested by the Authority Engineer.

2. General Map of the Entire Project

A general map, having a scale of 1" = 100 of the entire project shall be furnished showing sewers, pumping stations, proposed inverts, lateral locations, rim elevations, and proposed first floor elevations.

3. Project Plans

Plans shall be of uniform size, 24" x 36", with a 1/2" border on top, bottom and right side, and (for purpose of binding), a 2" border on the left side. Three (3) sets of plans shall be submitted. The project plans shall show the following:

- a) Existing and proposed contours (at a contour interval no less than 2 feet); existing and proposed streets; surface elevations at all breaks in grade and street intersections, outline of tributary areas; boundary lines; title; lot and block; date and scale. Plans shall also show existing and proposed utilities, storm sewers and detention basins, streams, boring locations, first floor elevations. They shall include details of manholes, laterals, cleanouts, pump stations, bedding, road repair, cradles, etc. Project plans shall also include profiles having existing and proposed grades along the centerline of the sanitary sewer, all utility and storm sewer crossings, and other information that may be necessary to review the system, as determined by the Authority Engineer.

b) Symbols:

Sewers to be built now and to be connected later shall be shown by solid and dashed lines respectively. Existing sanitary sewers shall be shown by special designation. All topographical symbols and conventions shall be the same as the ones of the United States Geological Survey.

c) Elevations:

All permanent bench marks of New Jersey Coast and Geodetic Survey shall be shown. Elevations of street surfaces shall be placed outside the street lines. The elevations of sewer inverts, shown at street intersections, ends of lines and at changes of grades, shall be written parallel with the sewer lines and between the street lines and shown on the plan and profile view. The elevations of street surfaces shall be shown to the nearest 0.1 foot, the sewer inverts to the nearest 0.01 foot. Sufficient benchmarks should be permanently established in the area based on USGS Sea Level Datum.

d) Distances, Grades and Sizes:

Distances and stationing between manholes, grades in decimal, sewer size and material shall be shown on the plans. Arrows shall show the direction of flow. House lateral locations shall be shown by station, with a cleanout located at the property line.

- 4) Complete specifications for construction of the project sewerage system shall be prepared and submitted with final applications. Specifications must also be submitted. Reference to specifications submitted with past projects is unacceptable.

ARTICLE III

APPROVALS

A. GENERAL

Approval by the Authority is subject to and conditioned upon further approval and issuance of permits by the State of New Jersey Department of Environmental Protection, Army Corps of Engineers, local Planning/Zoning Board approvals, obtaining necessary easements... and all other permits required by Local, State or Federal Governments having jurisdiction. The applicant shall obtain permits for all stream crossings, wet lands and/or encroachments from the N.J. Department of Environmental Protection. Permits to construct sewers and/or other structures within the right-of-way limits of State, County and Municipal roads and all railroads must be secured and paid for by the applicant. Copies of executed permits and easements must be filed with the Authority prior to the start of construction.

The applicant must secure all necessary approvals from any utilities involved prior to final approval from the Sewerage Authority.

- (1) Preliminary Approvals shall automatically expire upon the expiration of two (2) years from the date Preliminary Approval is granted (unless Final approval is obtained during the two-year period). The expiration is subject to any extensions which may apply pursuant to N.J.S.A.40:55D-136.1 et.seq. the permit Extension Act of 2008.
- (2) Final Approvals shall automatically expire upon the occurrence of any of the following:
 - (a) the expiration of three years from the date Final Approval is granted by the Authority if, at the time of expiration of the time period, all approved connections have not been made and/or all connection fees due have not been paid in full; the expiration is subject to any extensions which may apply pursuant to N.J.S.A. 40:55D-136.1 et.seq.the permit Extension Act of 2008.

- (b) the withdrawal of the Planning Board/Zoning Board application;
 - (c) the rendering of decision by any court which, in whole or in part, overrules or declares null and void any Planning Board, Authority, or other required approval.
- (3) Capacity at the treatment plant shall be reserved for an applicant only for the period of time after Final Approval has been granted. Any reservation of capacity shall expire simultaneously with the expiration of Final Approval.

B. REQUIREMENTS

After Final Approval is granted, the following must be provided to the Authority before the commencement of construction can begin:

- 1) Permits and easements received by the applicant and copies received by the Authority.
- 2) Posting the Performance Bond equal to 120% of the Authority's cost of improvements.
- 3) Applicant deposits, with the Authority, ten percent (10%) of the approved estimated cost of sewer construction, which deposit shall be used to reimburse the Authority for expenses incurred by the Authority for administration (2%) and inspection (8%) of the construction of approved sewer facilities.
- 4) Providing at least three (3) working days notice to Authority Engineer before the start of construction.
- 5) Insurance Certificate (see Article I-M).

At any time as the Authority shall determine that the amount of money held on deposit for a particular developer and/or subdivider is not sufficient to pay inspection and administration fees, the Authority shall notify the developer and/or subdivider of the deficiency in his account and the developer and/or subdivider shall be required to deposit such additional sums as set forth by the Authority within a period of ten (10) days from the date of notification received.

Any deviations from approved plans or specifications affecting location, profiles, sizes, flow, materials, method of construction, capacity, and operation of any part or parts of the proposed or existing sewerage system must be submitted in writing to the Authority for approval prior to making such changes or deviations. Written approval must be obtained from the Authority before the change or deviation is made. All construction work shall start at the downstream location of the proposed sewage facilities unless authorized by the Authority Engineer.

ARTICLE IV

DESIGN CRITERIA

A. GENERAL

Sanitary sewers shall be designed in strict accordance with the rules and regulations of the New Jersey Department of Environmental Protection as supplemented by the following:

The Authority Sanitary Sewer Master Plan and its revisions along with these Rules and Regulations, will govern the size and location of sewers within the Township.

If the size of any sewer main, as shown by the applicant's Engineer, and checked by the Authority's Engineer, is inadequate for future requirements, or as shown on the Township of Middletown Sewerage Authority sanitary sewer master plan, or as determined by the Authority, the applicant shall -install the larger size pipe if required to do so by the Authority. The Authority will pay the applicant the difference in the material cost of pipe only up to and including pipe 16 inches in diameter. For pipes over 16 inches in diameter, the Authority will pay the applicant the difference in the material cost of the pipe plus the cost of the additional excavation.

Detailed material specifications and methods of construction shall be submitted for approval by the Authority.

B. SEWERS

All sanitary sewers must be designed as a separate system, in which all surface water, rain water, ground water, water from roofs, cellars, streets and other areas must be excluded. No by-pass which would allow raw sewage to be discharged from the sanitary sewer shall be installed or permitted.

Violations will be reported to the proper enforcement agency.

All sanitary sewers shall be designed to carry four times * the average flow, as calculated per NJDEP standard 7:14A-23.3.

The relationship of sewers and water mains shall be as follows:

- 1) Horizontal separation: Whenever possible, sewers should be laid at least ten (10) feet, horizontally, from any existing or proposed water main. Should local conditions prevent a lateral separation of ten (10) feet, a sewer may be laid in a separate trench, with the sewer at least eighteen (18) inches below the bottom of the water main.

- 2) Vertical Separation: Whenever sewers must cross under water mains, the sewer shall be laid at such an elevation that the top of the sewer is at least eighteen (18) inches below the bottom of the water main. Where this is not possible, the sewer shall be constructed of ductile iron pipe with mechanical or push-on joints for a distance of at least ten (10) feet on either side of the crossing.

ARTICLE V

CONSTRUCTION

A. GENERAL

Prior to construction the applicant must post performance bonds, inspection and administrative fees.

The Performance Bond shall be in a form acceptable to the Authority issued by a surety company authorized to do business in the State of New Jersey and approved by the Authority in the amount of 120% of the total construction cost shall be furnished to the Authority, guaranteeing complete construction and further guaranteeing that said construction will be in accordance with the rules and regulations of the Authority, and the plans and specifications, as approved by the Authority and its professionals.

Three copies of all shop drawings and material certifications shall be submitted to the Authority Engineer for review prior to start of construction. Shop drawings shall not be smaller than 8 1/2 x 11 inches, nor larger than 36 x 24 inches. Reproductions of the Engineer's drawings will not be acceptable as shop drawings. Before submitting shop drawings, the Contractor shall check and sign all drawings noting thereon any deviation from approved plans and specifications. The Contractor shall be responsible for furnishing subcontractors and Contractors with approved shop drawings as required. When required, the Contractor shall furnish samples of materials, finishes or other items proposed to be used in the work. All materials, finishes and workmanship incorporated in the work shall be similar and equal to the approved samples. The Engineer shall retain such samples until final acceptance of the project and shall return only those samples specifically requested.

No work shall commence until the Authority has certificates of insurance and the applicant has obtained all necessary permits. The Authority and its professionals reserve the right to request and review references as part of the approval

process. A pre-construction meeting shall be scheduled and held at least one (1) week prior to the start of any sanitary sewer construction work unless otherwise approved by the Authority Engineer.

B. INSPECTION RESPONSIBILITIES

The applicant shall notify the Authority Engineer 3 days in advance of commencing work. The responsibility of the Authority and its Agents and Employees, shall be to observe construction for compliance with the approved plans and specifications as they pertain to material, lines, grades, and general acceptability of the construction product. The Authority Engineer shall have the authority to recommend to the Authority that work be discontinued in the event of noncompliance with the approved plans and specifications as they pertain to material, lines, grades, and general acceptability of the construction product. The Applicant/Contractor shall be responsible for means, methods and techniques of construction, management of construction, and for management and safety of the site, the public, and his workers. The Authority, its employees, and agents will not manage the applicant's construction, methods, or procedures nor will it be responsible for safety of the site, the public, and the workers.

C. TESTING OF COMPLETED SYSTEM

All sewers, including laterals, shall be tested as required herein and meet the requirements established therefore. The Applicant shall perform all testing in the presence of the Authority Engineer. Testing will be performed only after roadway base course is installed and after all other utilities are in place. After the system has been satisfactorily tested, house service connections can be made. No house service connection shall be made to the sewer lateral without a permit (exhibit D), and unless under the supervision and inspection of the Township's plumbing inspector. During the course of the work, a temporary leak-proof plug shall be installed in the upstream inlet side of the manhole, furthest downstream in the sewer main or branch under construction, and shall remain intact until

Written permission is received from the Authority's Engineer to remove same. The permission shall not be granted until each section of the sewer has been cleaned, flushed and satisfactorily tested in a manner acceptable to the Authority's Engineer.

The Authority's Engineer, during the course of the work, may order tests performed on certain sections of the sewers as they are completed.

Upon completion of the entire sewer system, the Applicant shall perform testing of the entire sewer system, or in sections as directed by the Authority Engineer, as required herein. The Applicant shall perform any and all necessary repairs and/or replacements, to the satisfaction of the Authority's Engineer, for any sanitary sewer facilities failing to meet minimum test requirements as detailed herein and as determined by the Authority's Engineer. Upon completion or repairs and/or replacement, testing shall be repeated. The Applicant shall furnish all labor, materials and equipment necessary to perform the tests described herein to the satisfaction of the Authority's Engineer.

All sanitary sewers, including manholes, sewer mains, force mains, laterals, etc., shall be tested and shall satisfactorily meet the test requirements prior to the final approval of the work, as follows:

1. Leakage test shall be performed on all sewers, piping, and appurtenant structures prior to acceptance. Leakage will be determined by infiltration test or by exfiltration tests as specified herein and as directed by the Authority's Engineer. Low pressure air tests may be performed under special circumstances in lieu of the above tests at the sole discretion and approval of the Authority's Engineer.

The maximum allowable rate of infiltration/exfiltration leakage shall not exceed 100 gallons per inch of nominal pipe diameter per mile of pipe per 24-hours. The phrase "per mile of pipe" shall refer to the total length of sewer pipe measured through manholes. For the purposes of determining

infiltration/exfiltration leakage, manholes shall be considered as section of five (5') foot long, forty-eight (48") inch diameter pipe.

Tests shall be performed between two (2) manholes, or as otherwise directed by the Authority's Engineer, and shall include all related sewer facilities, including house connections, etc.

Required testing of pressure sewer pipes shall be determined based upon specific conditions at the time of Preliminary and Final Application.

Infiltration, exfiltration or air testing shall be performed by the Applicant as follows:

- a. Infiltration testing may be performed only when groundwater levels are a minimum of five (5') feet above the top of the pipe at the highest pipe point for the entire length of the section to be tested during the entire period of the test. Ground water levels are to be measured in an open trench or in standpipes previously placed in backfill trenches, or after the backfilling operation. When standpipes are installed in the backfill for groundwater measurement, the lower ends of these shall be satisfactorily embedded in a mass of crushed stone or gravel to maintain free percolation and drainage. The groundwater leakage into the sewer will be measured at such point or points as the Authority's Engineer may direct. The Applicant shall construct such weirs, volumetric measurement devices, or means of measurement as required at the lower end of the tested section to enable the test to be properly performed as determined by the Authority's Engineer. The infiltration test shall be conducted for a minimum of four (4) hours.
- b. Exfiltration testing shall be conducted in lieu of infiltration tests when the pipe has been laid above the ground water level.

Groundwater levels are to be measured in an open trench or in standpipes previously placed in backfill trenches, or after the backfilling operation. When standpipes are installed in the backfill for ground water measurement, the lower ends of these shall be satisfactorily embedded in a mass of crushed stone or gravel to maintain free percolation and drainage.

When directed by the Authority's Engineer an exfiltration test shall be performed by subjecting the section of sewer to be tested to an internal hydrostatic pressure test. The downstream manhole outlet and the upstream manhole inlet of the section of sewer to be tested shall be plugged and the entire test section of sewer, including manholes, shall be filled with clean water so as to obtain a minimum level of five (5') feet above the top of the pipe in the upstream manhole.

The rate of leakage from each section of sewer being tested will be determined by the Engineer by measuring the amount of water required to maintain a constant head of water above the top of the pipes for the full length of each section of the sewer being tested. The exfiltration test shall be conducted for a minimum of four (4) hours.

- c. Low pressure air test may be performed under special circumstances in lieu of the above tests at the sole discretion and approval of the Authority's Engineer. Low pressure air test shall conform to the Uni-Bell Plastic Pipe Association Recommended Practice UNI-B-6, "Low Pressure Air Testing of Installed Sewer Pipe," except as modified herein. This test method shall apply to all gravity pipe materials. The section of line to be tested shall be plugged and air at low pressure introduced into the line. The drop in pressure for a time determined from UNI-B-6 shall be recorded.

If the pressure between two consecutive manholes drops more than 0.5 PSI gauge from 5.0 PSI to 4.5 PSI over a five (5) minute duration, the line will be presumed to have failed.

2. Deflection testing shall be performed by the Applicant for all sanitary sewer mains. The deflection of PVC sewer pipe shall not exceed five percent (5%) of the inside pipe diameter. Deflection testing shall not be conducted earlier than seven (7) days after placement and compaction of the backfill. The vertical deflection shall be checked by manually pulling a go, no-go deflection testing mandrel through the pipe. The mandrel shall be specifically designed for this purpose.
3. After the above referenced testing and before final acceptance of the work, the Applicant shall clean the entire sewer system, unless such procedures are specifically waived by the Authority. The cleaning method employed shall utilize a Jet-Vac Sewer Cleaner, and all material collected at the downstream end of the system shall be removed by vacuuming, and shall not pass downstream.

Upon completion of cleaning, the Applicant shall internally examine all lines using a television camera, to check for improper joints, off-grade pipe, leaks, damaged pipe and any other pipe defects.

The television inspection shall be performed in one section of sewer at a time between adjacent manholes. The inspection shall be performed by pulling the television camera through the section of the sewer along the axis of the pipe at a speed of approximately 1-1/2 fps, or as directed by the Authority's Engineer. Adequate lighting and viewing of the inside periphery of the pipe is required. The inspection shall be conducted in such a manner so as to determine that the line is clean and to locate any improper joints, off-grade pipe, leaks, damaged pipe and any other pipe defects in the line.

Upon completion of television inspection, the sanitary sewer shall be considered acceptable if the line does not contain any improper joints, off-grade pipe, leaks, damaged pipe or any pipe defects.

The Applicant shall furnish videos (one videotape and one CD), along with television inspection log reports, of all televised sanitary sewers to the Authority's Engineer. The media submittals shall be clearly labeled with the date and time of the inspection and the section of sewer inspected.

ARTICLE VI

CONNECTIONS TO EXISTING SEWERAGE SYSTEMS

A. GENERAL

When an Applicant has received Authority and all other agency approvals to tie into an existing sewerage system, the Applicant shall pay a Connection Fee for each service unit connected in accordance with the existing fee schedule at the time of connection.

A service unit is defined as the estimated consumption of 77,000 gallons of water per year. Unless otherwise approved or specifically noted otherwise below, sanitary sewer average daily flow (ADF) shall be estimated utilizing NJDEP 7:14A - 23.3, "Projected Flow Criteria."

B. SERVICE UNIT DEFINITION

A service unit shall be defined as follows:

- 1) A residential dwelling with kitchen and/or sanitary facilities:
 - a) Single family dwelling unit.
 - b) Multi-family dwelling (each unit).
 - c) Mobile Home (does not include transient or camp grounds).
- 2) Residential dwelling without kitchen facilities shall be defined as one-half a service unit for each unit:
 - a) Hotel.
 - b) Motel.
 - c) Boarding House.
 - d) Cottage.
 - e) Tourist cabin.
- 3) Churches, Fraternal Organizations, Service Organizations, Public Buildings and Schools. Each separate church, fraternal organization, service organization, public building and schools shall in the minimum equal one service unit.

4) Commercial.

For all uses not covered as set forth above, with the exception of industrial, each separate commercial establishment shall in the minimum equal one service unit.

5) Industrial

Each separate industrial establishment shall in the minimum equal one unit.

6) The Connection Fee for all users, other than residential, shall be based upon water flow estimate as provided for herein, shall be estimated by the Authority at the time of filing an application to connect to the Authority's facilities, in accordance with the Rules and Regulations of the Authority.

a) In the event a balance is due, payment shall be made to the Authority within thirty(30) days of the date of billing.

b) Flow computation estimates will be based on .10 gallons per day per gross square foot of building area or other flow computations acceptable to the Authority.

7) After a Connection Fee is paid in respect to any property, if the use of such property is expanded or changed, the owner of such property shall make application to the Authority. An additional connection fee shall be paid by the owner to the Sewerage Authority if additional service units will be served by the Authority as a result of such expanded or changed use of such property.

a) The additional connection fee shall be determined in accordance with the provisions set forth above. If the owner of such property is required to pay an additional connection fee, the owner shall be credited with the number of service units connected to the Sewerage Authority system before the use of such property was expanded or changed.

The Authority's Schedule of Charges shall be reviewed annually for a possible adjustment.

ARTICLE VII

AS BUILT PLANS

A. GENERAL

After construction, and before final acceptance by Authority, the Applicant shall furnish the Authority as-built plans on Mylar in ink or on other approved reproducible media, and two (2) sets of prints of each Drawing showing the sewers, connections, cleanout locations, and all other facilities constructed. In addition, the Applicant shall furnish one (1) copy of the as-built plans on a 3.5 inch disk(s) or CD-ROM in a .dxf CAD format utilizing North American Datum - 1983 (NAD83) and North American Vertical Datum - 1988 (NAVD88). The Authority will transfer this as-built information into its GIS mapping database. All cost for this work will be charged against the administration/inspection account on deposit with the Authority.

B. AS-BUILT INFORMATION

Said as-built plans shall be with full detail setting forth distances (stationing) from the nearest manhole to each lateral, the length of each lateral from the main to all facilities.

ARTICLE VIII

ACCEPTANCE OF NEW SANITARY SEWER SYSTEM
BY THE AUTHORITY

A. GENERAL

Use of a sewerage system may not be made until the Authority has approved the completed sewerage facilities, and the operation permit has been received from the N.J. Department of Environmental Protection. Where the applicant connects to an existing sewer system, the Authority may approve portions of the proposed sewer system. If the applicant uses or permits others to use portions of the sewer system by occupancy of buildings or otherwise before the Authority approves such use, the applicant shall be charged at a rate of \$0.20 per gallon for all such illegal flow, based on a quantity of flow as determined by the Authority.

Approval of completed sewerage system shall be granted only after:

B. APPROVAL OF COMPLETED SEWERAGE SYSTEM

- (a) Completion of all proposed work in accordance with the approved application, the construction permit, and the rules and regulations to the satisfaction of the Authority.
- (b) The applicant gives the Authority title to all lands, easements, sewer structures, and appurtenances.
- (c) The applicant posts a Maintenance Bond in a form approved by the Authority in accordance with the schedule herein, guaranteeing the satisfactory performance of the system for a period of two year after the date of release of the Performance Bond.

Maintenance Bond Schedule

Fifty Thousand Dollars (\$50,000) or more, 10%
of the Performance Bond

\$25,000 - 49,999, 15% of Performance
Bond, Not to exceed \$5,000

\$15,000 - 24,999, 20% of Performance
Bond, Not to exceed \$3,750

\$15,000 or less, 25% of Performance
Bond, Not to exceed \$3,000

- (d) The applicant pays the permissive use fees, if applicable.
- (e) The applicant submits satisfactory as-built plans.
- (f) The applicant must perform within eleven months after the facilities go into use, and prior to release of the Maintenance Bond, an inspection of the interior of sewers by Authority personnel via a TV camera pulled through the line and being recorded on a VCR witnessed by authority personnel, with a tape to be provided to TOMSA for it's records.
- (g) The applicant submits to the Authority written approval of all other agencies, authorities, etc. which must be obtained by the applicant.
- (h) All items on the following checklist shall be submitted to the Authority for review:
 - 1. Deed.
 - 2. A copy of the filed subdivision map.
 - 3. Easements for all lines on property (private), together with subdivision maps showing easement thereon.
 - 4. Metes and bounds description.
 - 5. All warranties from manufacturers of equipment.
 - 6. Title policies for fee titles and easements.

7. All surveys for plant site and easements.
8. Bill of Sale for all equipment and lines.
9. Releases from the following:
materialmen; suppliers; contractors;
laborers; lending institutions.
10. Affidavits of Title for land, easements and equipment, and a recitation thereon that everything conveyed to the Authority been paid for in full.
11. Assignment to the Authority for all performance and maintenance bonds.
12. As-built plans.
13. Maintenance Bond from developer to Authority.
14. All of the above to be conveyed to the Authority free and clear of all liens, encumbrances, debts and claims.
15. Corporate resolution authorizing conveyance as above.

APPENDIX A

BOARD OF HEALTH MANDATORY CONNECTION ORDINANCE

AN ORDINANCE AMENDING AND SUPPLEMENTING ARTICLE II, "CONNECTION REQUIREMENTS "OF CHAPTER 117 "SEWERS" OF THE REVISED ORDINANCES OF THE TOWNSHIP OF MIDDLETOWN NEW JERSEY, ADOPTED OCTOBER 25, 1966 AS AMENDED AND SUPPLEMENTED.

BE IT ORDAINED by the Board of Health of the Township of Middletown in the County of Monmouth and State of New Jersey, that Article II "Connection Requirements" of Chapter 117 "Sewers" of the Revised Ordinances of the Township of Middletown, adopted October 25, 1966, as amended and supplemented, be further amended and supplemented as follows:

SECTION 1. Section 117.30 "Connection" Mandatory (individual homes)" be amended to read as follows:

Section 117.30 Connection Mandatory (individual homes).

The owner of every existing house, building or structure, and the owner of every house, building or structure hereafter to be constructed or acquired, which may be occupied or used by human beings, located on property along the line of any public or private sewer, now or hereafter constructed or acquired in the Township of Middletown, shall, within ninety (90) days after the date on which notice has been given to connect and hook up, connect and hook up the sewerage facilities emanating from such house, building or structure to such sewerage systems in accordance with the Plumbing Code of the Township of Middletown, at the expense of the said property owner.

SECTION 2. Section 117. 31 "Mandatory installation of Toilet facilities" (new) is added and shall read as follows:

Section 117.31 Mandatory Installation of Toilet Facilities.

If any such house, building or structure referred to in Section 1 above is occupied, but is without plumbing facilities, then the owner of such house, building or structure install at his own expense, suitable toilet facilities therein.

SECTION 3. Section 117.31 "Connection Mandatory (commercial building)" is renumbered as follows:

Section 117.32 Connection Mandatory (Commercial buildings)

SECTION 4. Section 117.33 "Independent Building Sewer Required for Every Building" (new) is added and shall read as follows:

Section 117.33 Independent Building Sewer Required for Every Building

A Separate and independent building sewer shall be provided for every building except where one building stands at the rear of another on an interior lot and no sewer is available or can be constructed to the rear building through an adjoining alley, court, yard, or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer. A building owned by one party containing more than one store, apartment or office may be required to have one or more building sewers at the discretion of the Plumbing Inspector

SECTION 5. Section: 117.34 "Permit to connect to sewer required" (new) is added and shall read as follows:

Section 117.34 Permit to connect to sewer required.

No connection of a building sewer lateral can be made to an approved sewer without first obtaining a permit from the Plumbing Inspector of the Board of Health. This permit will be issued after proof of payment of the sewer connection charge, from the Sewerage Authority.

SECTION 6. Section 117.35 "Manhole and Sampling Device Required for Commercial and Industrial Properties" (new) is added and shall read as follows:

Section 117.35. Manhole and Sampling Device required for Commercial and industrial Properties.

When required by the Sewerage Authority, the owner of any commercial or industrial property served by a sewer lateral, shall install a suitable control manhole in the building service connection to facilitate observation, sampling and measurement of the wastes. Such manhole, when required, shall be accessible and safely located, and shall be constructed in accordance with plans approved by the Sewerage Authority.

The manhole shall be installed by the owner at his expense, and shall be maintained by him so as to be safe and accessible at all times. When required the

owner shall install a continuous measuring and reporting device and/or automatic sampling device.

SECTION 7. Section 117.32 "Violation and Penalties" is amended and renumbered as follows:

Section 117.36 Violation and Penalties

Any person, association or corporation who shall violate this ordinance by failing to comply with any order issued in accordance with the provisions hereof within ninety (90) days after notice by a proper officer of the Board of Health of the Township of Middletown to make the required connections, shall upon complaint by the Secretary of the Board of Health or by any other proper officer of the Board of Health, upon conviction, be subject to a fine of Twenty-Five (\$25.00) Dollars. An additional fine of Ten (\$10.00) Dollars shall be provided for each day of delay after the expiration of the ninety (90) days, in which the provisions of the order notice are not complied with.

SECTION 8. Section. 117.33 "Effective Date" is hereby renumbered as Section 117.37 and is made applicable to the fore-going amendments and supplements.

Section 117.37 Effective Date

Upon final passage, this ordinance shall take effect thirty (30) days after the date of publication pursuant to R.S. 26:3-69.

APPENDIX B
PROHIBITED WASTES

APPENDIX "B"

PROHIBITED WASTES

A. GENERAL

Township of Middletown Sewerage Authority reserves the right to impose standards or prohibitions more stringent than or in addition to those imposed by the Rules and Regulations and/or User Agreement/ Permit or those imposed by Federal or State law, to protect the collection system, pump stations, treatment system or process, or to meet discharge limitations imposed upon the Authority. The User, however, is not relieved of its responsibility to comply with the rules and regulations of any governmental authority having jurisdiction, including but not limited to the USEPA and the NJDEP.

B. PROHIBITED WASTES

In addition to other requirements of the Township of Middletown Sewerage Authority "Rules and Regulations", and amendments thereof, no person or User shall discharge, deposit, cause or allow to be deposited or discharged into the treatment plant or public sewer, any waste which causes or contains the following:

- (a) Storm water, surface water, groundwater roof runoff, swimming pool water, sub-surface drainage, foundation or basement sump drainage, pond water, other sources of surface runoff or groundwater, cooling water, or unpolluted industrial process water.
- (b) Any liquid or vapor having a temperature higher than 150 degrees F (65 degrees C.) or in excess of that permitted by pretreatment standards.
- (c) Any liquid containing fats, wax, grease, or oils, whether emulsified or not, in excess of 100 mg/l of solvent soluble materials or containing substances which may solidify or become viscous at temperatures between 32 and 150 degrees F. (0 degrees and 65 degrees C.).

- (d) Any residues from petroleum storage, refining or processing; waste fuels, lubricants, solvents or paints.
- (e) Any wastewater containing any liquids, solids or gases which, by reason of their nature or quantity are, or may be sufficient, either alone or by interaction with other substances, to create an explosive, flammable or combustible atmosphere in any part of the Sewerage System.
- (f) Any solid or viscous substance in quantities or of such size capable of causing obstruction to the flow in sewers or interference with the proper operation of the Sewerage System, such as, but not limited to mud, straw, metal, rags, glass, tar, plastics, wood and shavings, ashes, cinders, sand, feathers, whole blood, paunch, manure, hair, fleshing, entrails, paper or plastic containers, etc.
- (g) Any waste having a pH lower than 6.0 or higher than 9.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the Township of Middletown Sewerage Authority.
- (h) Any radioactive waste or isotope.
- (i) Any waste containing phenols, noxious or malodorous solids, liquids or gases, which either singly or by interaction with other wastes, are capable of creating a public nuisance or hazard to life, or are or may be sufficient to prevent entry into a sewer for its maintenance and repair.
- (j) Any wastewater containing toxic pollutants or other substances in sufficient quantity to cause injury, damage or hazard to personnel, structures or equipment or interfere with the Sewerage System or any portion of the liquid or solids treatment or handling processes, or that will

pass through the treatment facilities in such condition that it will not achieve State, Federal or other existing requirements for the effluent or for the receiving waters or that result in concentrations in the sludge produced at the wastewater treatment plant which do not meet the requirements of the regulatory agencies for sludge handling and disposal.

The following chemical wastes are specifically prohibited: sulfides, in any measurable concentration phenols and/or orthocresols, or compounds with a chlorine demand in excess of twenty (20) parts per million.

(k) Any material which exhibits or causes:

1. Unusual concentration of inert, suspended solids (such as, but not limited to, Fuller's earth, lime slurries and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate).
2. Excessive discoloration (such as, but not limited to, dye solutions and vegetable tanning solutions) which cannot be removed by the wastewater treatment plant. In no case shall a discolored discharge cause the treatment plant to violate its NJPDES permit or applicable water quality criteria.
3. Unusual BOD, COD, or chlorine requirements in such quantities as to constitute an unacceptable load on the wastewater treatment works.
4. Any unusual volume of flow or concentration of wastes constituting a "slug" of such volume or strength so as to cause a treatment process upset and subsequent loss of treatment efficiency.

(m) Any wastes containing pollutants of such character or quantity that will:

1. Not be susceptible to treatment or will interfere with the process or efficiency of the treatment system, or will exhibit inhibitory toxicity in the treatment system.
 2. Violate Federal or State Pretreatment standards as the same may be promulgated from time to time.
 3. Cause the Authority facilities to violate its NJPDES Permit, applicable receiving water standards, Permit regulating sludge which is produced during treatment or any other Permit issued to Township of Middletown Sewerage Authority.
- (n) Suspended solids shall not exceed a daily average of two hundred fifty (250) milligrams per liter, unless specifically approved by Township of Middletown Sewerage Authority.
- (o) Five-day biochemical oxygen demand (BOD) shall not exceed a daily average of two hundred fifty (250) milligrams per liter, unless specifically approved by Township of, Middletown Sewerage Authority.
- (p) Any untreated non-domestic wastewaters added to pretreated wastes. This provision will apply even though the combined waste may, meet the limitations set forth in the Rules and Regulations and/or User Agreement/Permit.
- (q) Any pollutants which create a fire or explosion hazard in the POTW including but not limited to waste streams with a closed cup flash point of less than 140 degrees Fahrenheit or 60 degrees centigrade using, the test methods specified in 40 CFR Sections 261.21.

EXHIBITS
APPLICATION FORMS

EXHIBIT A

PRELIMINARY
Application No. _____ FILED

TOWNSHIP OF MIDDLETOWN SEWERAGE AUTHORITY
MIDDLETOWN, NEW JERSEY

APPLICATION FOR REVIEW OF PRELIMINARY PLANS FOR SUBDIVISION OR OTHER DEVELOPMENT IN THE TOWNSHIP OF MIDDLETOWN, COUNTY OF MONMOUTH, STATE OF NEW JERSEY. This application must be filed in duplicate, accompanied by filing fee of (\$1,000.00 or \$50.00 per equivalent unit which ever is greater) with the Executive Director.

Application is hereby made for preliminary review of preliminary plans of proposed subdivision for a ruling on whether individual or comprehensive sewerage system is required.

1. Applicant's Name:

Address: _____ Phone

2. Name and address of present owner (if other than No.1 above):

Name:

Address: _____ Phone

3. Interest of applicant if other than owner:

4. Date classified as major subdivision by subdivision committee of Planning Board

5. Location of subdivision
(Neighborhood or section name)

_____ / _____ / _____
street tax map block Lot nos.

6. Number of proposed Lots to be sewerred

7. Area of entire tract _____ and
portion being sewerred

8. Development plans:

- a) Sell Lots only. (Yes or No)
- b) Construction of house for sale? (Yes or No)_____
- c) Other

9. Name and profession of person designing preliminary plan.

Name_____Profession

Address_____Phone

10. Does applicant or owner agree to convey by deed to the Township of Middletown Sewerage Authority easements to all areas on preliminary plans showing sewerage facilities and all rights to the sewerage facilities?

11. Describe your proposal for sewage disposal:

12. If sewers are required, will applicant post Performance and Maintenance Bonds? (Yes or No)

13. List plans and other material accompanying application and number of each.

Item	Number
a)	
b)	
c)	
d)	
e)	
f)	

14. Attach 3 black on white prints of your preliminary plan.

Signature of Applicant

Make all checks payable to the Township of Middletown Sewerage Authority.

(do not write below this Line)

Date received and fee collected by Secretary

DATE_____ FEE PAID_____

Recommendations of the Authority's Engineer

Action of the Township of Middletown Sewerage Authority

Date_____ Approved

Date_____ Disapproved

Reason

Date

Executive Director_____

EXHIBIT B

FINAL
Application No. _____ FILED

TOWNSHIP OF MIDDLETOWN SEWERAGE AUTHORITY
MIDDLETOWN, NEW JERSEY

APPLICATION FOR THE FINAL APPROVAL OF SANITARY SEWERS AND APPURTENANCES IN THE TOWNSHIP OF MIDDLETOWN, COUNTY OF MONMOUTH, STATE OF NEW JERSEY. This application must be filed in duplicate with the Executive Director, accompanied by filing fee of \$500.00 or \$25.00 per single family unit, whichever is greater, plus an additional \$1,000.00 for each pumping station proposed.

Application is hereby made for Final approval of the Preliminary Plan of sanitary sewers and appurtenances.

1. Applicant's Name:

Address: _____ Phone

2. Name and address of present owner (if other than No.1 above):

Name:

Address: _____ Phone

3. Interest of applicant if other than owner:

4. Date classified as major subdivision by subdivision committee of Planning Board

5. Location of subdivision
(Neighborhood or section name)

_____ / _____ / _____
street tax map block Lot nos.

6. Number of proposed Lots to be sewerred
7. Area of entire tract_____and
portion being sewerred
8. Development plans:
 - a) Sell Lots only. (Yes or No)
 - b) Construction of house for sale? (Yes or No)
 - c) Other
9. Name and profession of person designing preliminary plan.
Name_____Profession
Address_____Phone
10. Does applicant or owner agree to convey by deed to the Township of Middletown Sewerage Authority easements to all areas on preliminary plans showing sewerage facilities and all rights to the sewerage facilities?
11. Describe your proposal for sewage disposal:
12. If sewers are required, will applicant post Performance and Maintenance Bonds? (Yes or No)

13. List plans and other material accompanying application and number of each.

Item	Number
a)	
b)	
c)	
d)	
e)	
f)	

14. Attach 3 black on white prints of your preliminary plans.

15. Attach 3 copies of your Engineer's Report.

Signature of Applicant

Make all checks payable to the Township of Middletown Sewerage Authority.

(do not write below this Line)

Date received and fee collected by Secretary

DATE _____ FEE PAID _____

Recommendations of the Authority's Engineer

Action of the Township of Middletown Sewerage Authority

Date_____Approved

Date_____Disapproved

Reason

Date_____

Executive Director_____