

RULES AND REGULATIONS FOR WORK

1. GENERAL CONDITIONS:

- This permit addresses only the physical construction of the building sewer. The character and volume of the sanitary discharge through this connection shall be as permitted and restricted by ordinances, regulations and permits issued by Old Lycoming Township and regulations and permits issued by the Williamsport Sanitary Authority.
- Any developer or property owner desiring to correct, replace, or disconnect an existing building sewer or connect to the Old Lycoming Township Sewer System with a new installation shall first make application to the Township for a Permit. No work shall be done by any developer, property owner, his agent or employee on any sanitary sewer lateral or interior plumbing in any Sewer District of Old Lycoming Township or Lycoming Township, unless the developer or property owner has made application to the Old Lycoming Township and has signed a Sanitary Sewer Lateral and Interior Plumbing Correction, Replacement or Installation application, paid a permit fee, and obtained all necessary state and/or Township Road Occupancy and Water Quality Management Permits.
- All costs and expenses incidental to the installation, connection and maintenance of the building sewer shall be borne by the owner. The owner shall indemnify the Township from any loss or damage that may directly or indirectly be caused by the installation of the building sewer.

2. SAFETY:

- **During any construction of building sewer or main line sewer the contractor will be required to follow All Local, State, Federal (DEP, EPA and OSHA) rules and regulations including but not limited to the use of shoring , safety equipment, and the removal and disposal of Asbestos Cement pipe.**

3. EXCAVATION/ BACKFILL:

- **Trenches shall not be backfilled until the work has passed testing and been inspected and approved by the Township Sewer Inspector.** All backfilling of trenches located on unpaved Township streets shall be subject to the inspection and approval of the Inspector and shall be thoroughly compacted by tamping in layers of not more than 6 inches with a mechanical tamper. Puddling of the trench may be employed if it can be demonstrated to the satisfaction of the Inspector that acceptable compaction of the trench will be obtained. The upper 18 inches of the trench shall be backfilled with crushed stone, 2A or approved equal.
- All paved streets are to be replaced as follows: The trench, excluding the pipe zone, shall be backfilled with 2A sub-base or approved equal. The affected roadway shall be reconstructed as per attached drawing and all construction shall be executed and warranted as specified in the Road Occupancy Permit. In all cases the developer or property owner shall be responsible for all costs of replacing road material and pavement to the specified thickness and quality, and shall meet construction requirements of the Pennsylvania Department of Transportation and the permits and ordinances of the Township in which the trench is located.
- The person, firm or corporation procuring the permit shall properly maintain that portion of the backfilled trench located within the street right-of-way for a period of two (2) years from the date of acceptance by the Inspector. The permittee /contractor shall maintain adequate protection of pedestrian and vehicular traffic by the use of lighted barricades, guards, road plates, etc. during construction.
- Any open trenches within the Township right of way that will be left open at the end of a work day will be required to have barricades in place and roadways will require the use of approved steel plating before the contractors leave the work site.

4. INSTALLATION:

- A separate connection service line from the main to the inside wall of the building will be required for each individual building or house whether constructed as a detached unit or as one of a pair or row, but a single connection service line will be permitted to serve a school, factory and apartment houses or other permanent multiple unit structure whose individual apartments or units may not be subject to separate ownership. The lateral shall be constructed according to the attached drawing. All sewer buildings must be properly trapped and vented according to acceptable plumbing standards. Any Fernco fittings being used in the construction or connection of the building sewer **must** be accompanied with a stainless steel band for rigidity (*strongback fernco*).
- **BEDDING:** All service lines shall be installed on 6 inches of 1B, 2B stone (Penn DOT Specification) or screenings. Said material shall further be placed in the pipe zone of the trench to an elevation 12 inches above the top of the pipe.
- **PIPE DIAMETER REQUIREMENTS:** All connection service lines between the property line and the inside wall of *single family dwellings shall be of 4 inch pipe size minimum*. All other connection service sewers between the sewer main/property line and the inside wall of the building shall be of 6 inch pipe size minimum. *All laterals* must be 6 inch pipe from property line cleanout including cleanout to the sewer main.
- **PIPE GRADE REQUIREMENTS:** All pipes shall be SDR 35 or SCHEDULE 40 PVC and have All service lines must be laid with a minimum grade of 1/8 inch/1' for 6" pipe (1%) or with a minimum grade of 1/4 inch/1' for 4" pipe (2%) with the best possible alignment and shall prevent the admission of ground water.
- **CLEANOUTS:** cleanouts are required to be placed 5 foot from edge of pave and within 5 feet of the structure and every 100 foot between cleanouts for new construction or for a line replacement, the property line cleanout is required to be 6" diameter. Any property requiring a *point repair* to be done to the existing sewer line shall have a cleanout placed at the repair if there are currently no existing outside cleanouts present. **ALL CLEANOUTS MUST BE DOUBLE SWEEP TEES.**
- No roof, storm, cellar seepage, surface or ground waters, oils, tar, grease, gasoline, combustible gases or liquids, garbage or insoluble solids or any substance which would impair or interfere with the sewer system or any part thereof in any manner, or with the function of the processes of sewage treatment, shall be discharged into the sewer system

TEST PROCEDURE (REQUIRED):

BUILDING SEWERS

AIR TEST

TEST PROCEDURE:

1. Plug all pipe outlets with suitable test plugs.
Brace each plug securely.
2. Add air slowly to the portion of pipe installation under test until the internal air pressure is raised to 4.0 psi. After this pressure is reached, allow two minutes for air temperature to stabilize.
3. If ground water is present, the pressure shall be increased by .43 psi for each foot of water above the spring line of the pipe, to make allowance for the ground water.
4. After the stabilization period, add air pressure to obtain an internal pressure of 4.0 psi. Disconnect all air supply hoses and hold test for 5 minutes. Allowable loss is ½ psi in 5 minutes. In the case of sewer connection of unusual length, the test duration as prescribed by Table 68, Handbook of PVC Pipe Design and Construction, shall prevail if greater than the 5 minutes herein provided.

WATER EXFILTRATION/INFILTRATION TEST

TEST PROCEDURE:

1. This method of testing will be acceptable for all building sewers that do not exceed 10 vertical feet of elevation from the low point to the high point of the building sewer to be tested.
2. The building sewer shall be tested by insertion of a test plug at the low point of the building sewer to be tested. The building sewer shall then be filled with water under a head pressure of not less than ten (10) feet. The water level at the top of the test head of water shall not drop for at least fifteen (15) minutes

5. INSPECTION OF WORK:

- The designated Old Lycoming Township certified operator shall determine the location of the wye and connection shall only be made into said wye. Where no wye exists at a location determined appropriate to serve the permitted property, **a Romac style or equivalent design (approved by the township) saddle device equipped with the proper stainless steel banding will be required**, and that connection shall then be constructed by the property owner's contractor. Said contractor **MUST** be on the Township's list of approved contractors. **NO OTHER PERSONS SHALL BE ALLOWED TO CONSTRUCT SEWER LINE, WYE, OR LATERAL WITHIN THE MUNICIPALITY.** Where work is performed on or adjacent to the sewer main, that main shall then be exposed for a distance of at least one foot beyond the area of work in each direction. The property owner, his agent or employee shall not break or otherwise damage the sewer main, or allow surface water, ground water or any other foreign substance to enter into the sanitary sewer.
- **Notification of intent to work, Arrangements for determining location of the wye and inspection of completed work shall be made with the Inspector at least twenty-four (24) hours in advance. Work will be inspected between the hours of 6:00 A.M. and 2:00 P.M. No inspection of work will be scheduled on Saturday, Sunday or holidays.**
- The connection service line between the property line and the inside of the building wall (clean out) shall be inspected by the Township Sewer Inspector and tested. Said test will be as required by current permits and regulations of the Township. All tests will be made by the permittee, his agent, or employee. The permittee shall supply the test equipment. **SAID TESTS MUST BE WITNESSED BY THE TOWNSHIP BUILDING OFFICIAL OR THE SEWER INSPECTOR.** It is recommended that adequate and properly installed and maintained backflow preventors be utilized. The property owner shall be solely responsible for inadequate or improper interior plumbing.

6. REMOVAL OF EXISTING ONLOT SYSTEM(S):

- The permittee, his agent or employee shall be required to fill in and/or remove the permittee's existing cesspool and/or septic tank. An inspection of the filled in and/or removal of the existing cesspool and/or septic tank shall be required. Refer to Item A, "Instructions Concerning The Closing Of Your Existing On-Lot Septic System" for detailed information.

INSTRUCTIONS CONCERNING THE CLOSING OF YOUR EXISTING ON-LOT SEPTIC SYSTEM

It is the requirement of the Old Lycoming Township Authority that each property owner, who obtains a permit to tap on to the Old Lycoming Public Sewer System, shall properly close their existing on-lot septic system regardless if it is a cesspool, septic tank, or some other device.

INSTRUCTIONS FOR CLOSING OF ON-LOT SEPTIC SYSTEM

1. Each on-lot septic system must be pumped out before closure and a pump receipt shall be provided to the township inspector.
2. Each on-lot septic system shall be completely filled in with ground material.
3. The property owner may use any excess material they have available from digging a trench for their lateral to fill their existing septic system.
4. If, for any reason, there are more than one on-lot septic systems on your property, both must be closed and filled properly.
5. Township personnel will be inspecting the closure of your on-lot septic system to determine that it has been completed properly closed.

You must call the Old Lycoming Township Office when your contractor has opened your on-lot system for closure purposes, and call them again when closure has been completed. The telephone number is 322-6906, Ext. 214