

**BY-LAW NO. 20**  
**TOWN OF GRAND BAY-WESTFIELD BY-LAW RESPECTING**  
**THE SANITARY WASTEWATER SYSTEM**  
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The Council of the Town of Grand Bay-Westfield under authority vested in it by Section 10 of the *Local Governance Act*, S.N.B. 2017 c.18 and amendments thereto enacts as follows:

**SHORT TITLE**

1. This by-law may be cited as the Sanitary Wastewater System By-law.

**DEFINITIONS**

2. In this by-law unless the context otherwise requires:
  - (a) "municipality" means the Town of Grand Bay-Westfield or a person or persons properly appointed by the Town of Grand Bay-Westfield to administer this by-law;
  - (b) "owner" means the beneficial owner, and where applicable, means the owner of the fee simple or if such property is held subject to a Mortgage, it shall mean the owner of the equity of redemption and if title shall be held in joint tenancy or tenancy in common, it shall mean each of such owners jointly and severally;
  - (c) "private sewage disposal system" means any private system for sanitary wastewater disposal serving one lot of real property;
  - (d) "sanitary sewer" means a sewer receiving and carrying water borne wastes from residences, business buildings, institutions, and industrial establishments, and to which storm, surface, or ground waters are not intentionally admitted;
  - (e) "sanitary wastewater" means the combination of water carried wastes from residences, business buildings, institutions, and industrial establishments containing animal, vegetable, or mineral matter in suspension or solution from which storm, surface, or ground waters are excluded insofar as possible;
  - (f) "service connection" means any piping system which conveys sanitary sewerage or sanitary wastewater from a building to a public sanitary sewer;
  - (g) "water course" means any channel in which a flow of water occurs either continually or intermittently;
  - (h) "town" has the same meaning as Section 2(a) of this by-law;
  - (i) "water course" means any channel in which a flow of water occurs either continually or intermittently;

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- (j) "user unit" shall be the basis for establishing a user service charge for each service connection to the Sanitary Sewer System with one user unit equating one household.

**SERVICE CONNECTIONS**

- 3(1). No person shall make a connection to any sanitary sewer of the Municipality unless a permit in writing has been issued pursuant to this by-law.
- 3(2). An application for a permit shall include such plans, specifications, or other information required to properly describe the work.
- 3(3). Where a person requests one or more service connections to each designed lot, he shall pay the entire cost thereof including repairs or replacement of the street.
- 3(4). The cost of installing a service connection between a building and the sewer main shall be paid by the person applying for the service connection.
- 4(1). All service connections shall be of such materials and shall conform to such grades and details as the Municipality shall prescribe in its written approval.
- 4(2). Service connections shall be made of polyvinyl chloride (PVC) meeting the requirements of A.S.T.M.D-3034, SDR35 or A.S.T.M.D-2241, SDR41. Pipes will be complete with and jointed with rubber gaskets as recommended by the pipe manufacturer.
- 4(3). The minimum size for service connections to single family residences shall be 100 mm inside diameter. Service connections to all other premises shall be a minimum of 150 mm inside diameter. The Town may specify larger size as it deems necessary.
- 4(4). The minimum slope on service connections shall be 1%.
- 4(5). No service connection shall be covered in until it has been inspected and approved by the Municipality.
- 4(6). If the owner of property serviced by sewer services or his agent covers in any service connection before it has been inspected and an approval therefor issued, the Municipality may open same for the purpose of inspection and the cost of so doing shall be recoverable from the owner.
- 5(1). The owner of a building, included in the category of buildings listed in Schedule "A" of this by-law, standing on land by which a sanitary sewer system runs that is within a distance of 60 meters of the sewer main shall connect up with the sewer main after notice has been given by the Municipality.

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- 5(2). Where an owner fails to comply within 90 days with a notice under subsection 5(1), such owner shall pay a rate equal to what the rate would be if the connection with the service has been made.
6. All plumbing pipes and fittings, vents, fixtures and other devices for conveying or controlling sanitary wastewater which are used by a customer and are not the property of the Municipality, shall be installed in a manner satisfactory to the Municipality.
7. The Municipality may refuse a service connection to any property.
8. All service connections shall connect directly from the building to the sanitary sewer main.
- 9(1). No person, unless authorized by the Municipality in writing, shall cut, break, or in any way injure or interfere with any sewer pipe or main or other property of the Municipality.
- 9(2). No person shall discharge, cause to be discharged, or continue to discharge any storm water, surface water, ground water, roof run-off, sub-surface drainage, foundation drains, cooling water, or unpolluted industrial waters into any service connection or sanitary sewer.
- 9(3). No person shall discharge sewerage anywhere except into a public sanitary sewer or private sewage system.
- 10(1). Except as hereinafter provided, no person shall discharge, cause to be discharged, or continue to discharge any of the following into any drain or sewer connection connecting with the sanitary wastewater system of the Municipality:
- (a) liquid or vapour having a temperature higher than 65° Celsius.
  - (b) ashes, cinders, sand, earth, mud, straw, metal, glass, pigments, rags, textiles, tar, wood, wood products, paper fibre (disposable diapers, feminine napkins) and plastics, or other viscous or colloidal substance capable of causing obstruction to the flow in sewers or other interferences with the proper operations of the sewage treatment plants;
  - (c) animal wastes such as hair, wood, fur, feathers, intestines or stomach casings, paunch manure or intestinal contents, hides or parts thereof, hooves, toenails, horns, bones and flesh;
  - (d) water or wastes which may contain more than 150 milligrams per litre of fat, oil or grease of animal or vegetable origin; or 15 milligrams per litre of oil or grease of mineral origin, or tar;

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- (e) waters or wastes having a PH lower than 6.0 or higher than 9.5 or having any other corrosive property capable of causing damage or hazard to structures, equipment, personnel, and treatment processes;
  - (f) gasoline, benzene, naphtha, fuel oil, acetone, solvents, or other inflammable or explosive liquid, solid, or gas;
  - (g) waters or wastes containing cyanides, chromium, copper, or sulfides; or containing a toxic or poisonous substance in sufficient quantity to injure or interfere with any sewage treatment or constitute a hazard to humans or animals;
  - (h) noxious gas or substance capable of creating a public nuisance;
  - (i) waters or wastes containing more than 50 micrograms per litre of phenolic equivalents;
  - (j) waters or wastes containing substances of such character and quality that unusual expense or attention is required to handle such materials at any wastewater treatment plant under the control of the Municipality;
  - (k) water or wastes containing more than 1,500 milligrams per litre of chlorides or sulfates;
  - (l) and waters or wastes having a 5-day biochemical oxygen demand or total suspend solids concentration greater than 400 milligrams per litre.
- 10(2). Wherever sanitary wastewater characteristics do not agree with subsection 10(1), the owner of the facility producing the wastewater shall install pretreatment facilities which shall reduce the wastewater characteristics to the acceptable limits specified.
- 10(3). Subject to subsection 10(2), the owner of the facility producing the wastewater shall install treatment facilities to produce a final effluent meeting Provincial requirement. These facilities are to be approved by the Municipality prior to construction. The effluent from such plants shall not be discharged to the sanitary wastewater system of the Municipality.
- 11(1). Whenever the Municipality considers it necessary, it may require any person who is the owner of land used for industrial or commercial purposes and which is connected to the sanitary wastewater system of the Municipality to provide grease, oil, sand, or other interceptors in order to provide for the proper handling of liquid wastes containing grease, factory, or abattoir wastes in excessive amounts, or any inflammable wastes or other harmful ingredients.
- 11(2). All interceptors shall be of a type and capacity approved by the Municipality and shall be located so as to be readily and easily accessible for cleaning and inspection.

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- 11(3). Grease and oil interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature and shall be of a substantial construction, watertight and equipped with easily removable covers which when bolted in place shall be gas tight and watertight.
- 11(4). The Municipality may require the owner of any industrial or commercial property serviced by a sanitary sewer service connection to install a suitable control manhole in the service connection to facilitate observation, sampling, and measurement of the waste.

**PRIVATE SEWAGE DISPOSAL SYSTEM**

- 12(1). No private sewage disposal system shall be constructed within the Municipality unless a private sewage disposal permit has been issued by the Provincial Department of Health.
- 12(2). No contents of a septic tank shall be discharged into any water course or ditch. A person may discharge, cause or permit to be discharged, the contents of a septic tank into a public sewer only after such person has obtained the written permission of the Municipality and may do so only at such points and under such conditions as the Municipality may specify.
- 12(3). The minimum lot size requirement for an unserviced lot is 4000.0 square meters in compliance with Provincial Regulations.
- 12(4). The owner of a private sewage disposal system shall operate and maintain it in a sanitary manner and at no expense to the Municipality.
- 12(5). When a public sewer becomes available to a property served by a private sewage disposal system, the Municipality may order that a service connection to the sewer system be installed, and the owner of the property shall forthwith install such service connection within the time specified by the Municipality in its written notice.
- 12(6). Upon completion of the service connection and approval thereof by the Municipality, the owner shall cause any septic tank, cesspool, privy or private sewage disposal system on the property to be abandoned and filled with suitable material.
- 12(7). Where the owner of the property fails to remove or close up any cesspool, septic tank, privy or other private sewage disposal system on his property as required by this by-law after notice having been given by the Municipality, the Municipality may cause to be done all work necessary for compliance with the notice, and the cost thereof shall be recoverable from the owner.

**SUBDIVISIONS**

- 13(1). After tentative approval of the proposed subdivision by the Municipality, the subdivider or developer, prior to the installation of any services, shall obtain the following:
- (a) approval by the N.B. Department of Environment, Pollution Control Branch, of the proposed services.
  - (b) final approval by the Municipality of the subdivision plan signed by a legal surveyor registered to practice in the Province of New Brunswick and the construction plan signed by a Professional Engineer registered to practice in the Province of New Brunswick, showing all lines and grades of the services within the subdivision. The application to the Municipality shall also include a design brief similar to that required by the Pollution Control Branch of the Department of Environment.
- 13(2). After completion of the service installations, the subdivider shall apply to the Municipality for completion approval of the subdivision. The Municipality may require the subdivider to submit copies of the results of all tests, including exfiltration and infiltration, on the sanitary sewer services. At that time, a reproducible copy of the detailed as-built plans showing all services, related appurtenances, and service connections shall be provided to the Municipality by the developer.
- 13(3). Upon receiving completion approval from the Municipality, the developer shall guarantee all work carried out within the subdivision for the next 12 months with a 5% holdback of the service bond as the guarantee.
- 13(4). Service easements where required shall be provided to the Municipality by the developer. The minimum sewer easement is to be 6.0 meters. The Municipality may require additional width for deep cuts or other special circumstances.
- 14(1). The maximum spacing between manholes in a sanitary sewer system shall be 120 meters. The pipe between adjacent manholes is to be aligned vertically on the grade specified and horizontally so that 75% of the area of the end of the pipe at one manhole is visible when looking through the pipe from the other manhole. Curved sections of sewer pipe will be allowed only with the written approval of the Municipality prior to construction.
- 14(2). All manholes in sanitary sewer systems are to be a minimum of 1050 mm in diameter at the base. Manholes are to consist of precast sections which meet the requirements of the latest ASTM standard C-478. Precast sections shall be joined with cement mortar or approved bituminous jointing compound. All sanitary sewer manholes are to be watertight.

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- 14(3). All frames and covers shall meet the requirements of the latest ASTM standard A-48 for Cast Iron Frames and Covers. Frames shall be bedded and anchored in cement mortar or concrete to required grade. The minimum combined weight of solid manhole cover and frame shall be 110 kg.
- 15(1). The minimum sizes for sanitary sewer mains shall be 200 mm inside diameter and for service connections shall be a minimum of 100 mm inside diameter. Refer to section 4(3).
- 15(2). Pipes for service connections shall meet the requirements of subsection 4(2).
- 15(3). Sanitary sewer mains shall be located at sufficient depth to receive flow from adjacent existing or future buildings. Where existing isolated buildings become part of the subdivision, their sewers are to be connected to the system.
- 15(4). The minimum slope for sanitary sewer mains shall be 0.4% for 200 mm pipe and 0.3% for any pipes larger.
- 15(5). Alternate materials may be used for special circumstances on the written approval of the Municipality.
- 16(1). Where the sanitary sewer mains of the subdivision are to discharge into an existing sanitary sewer main of the Municipality, connections shall be made only at such points as are approved in writing by the Municipality.
- 16(2). If the connection to the existing sanitary sewer main does not occur at an existing manhole, the developer shall be responsible for the entire cost of this connection, including road repairs and repairs to the existing sewer as required by the Municipality.
- 16(3). The connection shall be inspected and approved by the Municipality prior to any backfilling. If the connection is covered over prior to inspection and approval by the Municipality, subsection 4(6) shall apply.
17. All service connections to individual lots shall conform to Sections 3 through 11, inclusive, of this by-law.
- 18(1). The sanitary sewer services provided by the subdivision developer shall service each lot within the subdivision and shall convey the sanitary wastewater to the nearest convenient point of the existing municipal wastewater system. This shall include service connections from the main to the property line if the developer himself is not constructing buildings, and shall further include the service connection from the property line to the building if the developer is also constructing buildings within the subdivision.
- 18(2). The sanitary sewer services within the subdivision shall be installed without cost to the Municipality.

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- 18(3). The sanitary sewer system within the public rights-of-way and easements as required shall become the property of the Municipality upon issuance of the completion certificate.
19. The construction of the sanitary sewer system shall conform to the following requirements for trenching:
- (a) All trenching shall be open cut and the center line of the trench shall follow the line of the pipe.
  - (b) The class of the bedding shall be determined by the Municipality for each subdivision.
  - (c) Trench width shall be sufficient to allow proper laying of the pipe. The minimum width shall be equal to the total of the outside diameters of the pipe plus 300 mm on each side of the pipe for clearance plus allowance for shoring if required.
  - (d) The sides of the trench shall be excavated in accordance with the Provincial Safety Standards and no part of the sides shall be allowed to overhang. All Provincial safety requirements shall be adhered to.
  - (e) Where trench location necessitates the cutting of pavement, such cuts shall be made squarely and online parallel with the centre line of the trench. The width of pavement cuts shall not be greater than that necessary for the proper excavation of the work.
20. The construction of the sanitary sewer system shall conform to the following requirements for sanitary sewer installation:
- (a) The installation of all sewer mains and laterals shall be according to the recommendations of the manufacturer and to the satisfaction of the Municipality or its representative.
  - (b) Proper implements, tools and facilities shall be provided and used for the safe and efficient execution of the work. All pipe and fittings shall be carefully lowered into the trench in such a manner as to prevent damage to them. Under no circumstances shall pipe or fittings be dropped into the trench.
  - (c) All pipe and fittings shall be thoroughly inspected for defects prior to lowering into the trench. Any defective pipe or fittings shall be removed from the site and replaced with sound material.
  - (d) Sewer laterals shall enter the mains at the locations as staked or ordered in the field. Laterals shall be placed to slope upwards from the main at a minimum grade of 1% and shall terminate 0.5 meters inside the lot lines in a suitable cap. Termination shall be marked by placing a length of 38 mm x 76 mm extending 1.0 meters above finished grade at the termination point.



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21. The construction of the sanitary sewer system shall conform to the following requirements for backfilling:
- (a) Imported bedding material free from stones [sand] shall be deposited in the trench uniformly on a 150 mm bed of sand and on both sides of the pipe. The material shall be densely compacted to provide support free from voids. Sand shall be deposited and compacted to a depth of 300 mm over the top of the pipe.
  - (b) Succeeding layers of backfill material shall consist of the excavated material that would prevent consolidation or that might cause subsequent settlement. This latter backfill material shall be placed in layers not exceeding 300 mm and shall be suitably compacted with a vibratory compactor.
  - (c) Where the excavated material is unsatisfactory for use as backfill, this material shall be disposed of and backfilled with approved granular material.
  - (d) Where the backfilling operations are being carried out under existing asphalt surfaces or under any area where gravel backfill now exists, the trench shall be backfilled with well graded pit run gravel [**NO CLAY**] and compacted to 90% Proctor Density.
22. All sanitary sewers shall have leakage tests conducted in accordance with the following regulations:
- (a) All tests will be for exfiltration unless otherwise directed by the Municipality and will be carried out on not less than 100% of each size of pipe. Testing will be carried out after backfilling on sections of pipelines between adjacent manholes. All relevant open ends are to be blocked off with watertight plugs and caps.
  - (b) A preliminary test shall be made within the first one hundred (100) metres of each type and size of pipe laid and backfilled. This test will be for the purpose of checking the acceptability of the type of pipe and joints being used and the completeness and workmanship during installation. Successful testing of this first section will be prerequisite to further installation.
  - (c) The tests for exfiltration will be carried out in the following manner:
    - (i) The Contractor shall check that all relevant open ends are blocked off with airtight plugs and caps; and that all elbows, bends, etc., are adequately blocked to safely withstand the pressure developed under the test.

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An approved airtight plug shall be placed in the inlet and outlet of the downstream and upstream manholes respectively. In both cases the plug shall be securely blocked to prevent movement.

- (ii) The test section is pressurized to 28kPa (4 psig) using an approved air blower or similar pressure regulated apparatus. The fill valve is closed and the injected air is permitted to stabilize for a period of not less than two minutes. Following this waiting period, the pressure is increased or decreased to 24 kPa (3.5 psig) and the time is measured for the pressure drop to 17kPa (2.5 psig). The time required for this pressure drop shall not be less than indicated by the table in Schedule "B".
  - (iii) Test gauges shall be in 5 kPa (0.5 psig) maximum increments and have been recently calibrated.
  - (iv) Should the test disclose that the leakage is greater than the amount permissible, the contractor shall, at his own expense, locate and repair the defective pipe, joint, joints or structures satisfactorily. Tests shall be carried out, at the Contractor's expense, to determine the success or otherwise of remedial measures applied to pipe work or structures. These tests shall be repeated, at the contractor's expense, until the results show that the remedial measures have been successful.
- (d) Should the tests disclose that the leakage is greater than the amount permissible the defective pipe, joints, or structures will be located and repaired to the satisfaction of the Municipality.
  - (e) Tests will be carried out to determine the success of, or requirements for, other remedial measures applied to the pipe work or structures. These tests will be repeated until the results show that the remedial measures have been successful.
  - (f) On successful completion of the leakage test, a certificate will be issued and signed stating that the pipe tested is satisfactory. The certificate or a copy of it will be given to the Municipality for filing purposes.
  - (g) The Municipality is to be notified not less than 48 hours prior to a leakage test being carried out so it may have a representative present during the test.

**GENERAL**

- 23. The Municipality shall not be liable for any damage or injury caused or done by reason of the interruption or intermittent flow of the sewer system.

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24. Upon the instruction of the Municipality, a proposed sewer user or owner shall, during building construction, install an approved back water valve on his sewer service connection.
25. Whenever, in the opinion of the Municipality, a violation of any of the clauses of this by-law has occurred or is existing, the Municipality may cause the sewer service to be discontinued to the premises which such violation has occurred or is existing until the violation has been cured.

**RATES AND ENFORCEMENT**

- 26(1) The cost of financing, operating and maintaining the sewer system shall be raised by a user service charge and the owner of a building receiving sewerage services shall pay an annual user charge per user unit, established in accordance with subsection 26(1.1) of this By-law, multiplied by the number of user units assessed to the service connection in accordance with Schedule "A".
  - 26(1.1) Subject to subsection 26(1.3) hereof, the annual user charge per user unit referred to in subsection 26(1) of this By-law shall be \$285.00.
  - 26(1.2) The annual user charge established by subsection 26(1) hereof is due and payable on the day on which the invoice therefor is mailed.
  - 26(1.3) Reserved
  - 26(1.4) Schedule "A" referred to in subsection 26(1) hereof shall form part of this By-law.
- 26(2). The penalty for nonpayment shall be set at 2% per month on the unpaid balance for all accounts outstanding for 90 days.
- 26(3). In the event that any person, having received a request by, or an order from the Municipality to connect to the municipal sewer system, refuses or neglects to connect to the said sewer system within the time frame fixed by the Municipality, said person shall be liable to legal action by the Municipality requesting an order from the Court of Queen's Bench of New Brunswick to compel said person to connect to the sewer system, and to compel the said person to pay the costs of the Municipality in connection with such legal action, pursuant to Section 106.1 of the *Municipalities Act*.
- 26(4). If the sewer system is disconnected to any building by the Municipality as a result of non-compliance with any provision of this by-law, the costs of such disconnection shall form part of any account outstanding and shall be liable to be charged interest in accordance with subsection (2) herein.

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- 26(5) In addition to the penalty imposed under subsection 26(2), a penalty, equal to the costs incurred by the Municipality in enforcing payment of the user service charge referred to in this by-law, may be imposed by the Municipality against the person liable to pay the user service charge and the penalties imposed under this by-law may be collected in the same manner as the said user service charge.
- 27(1). The Municipality shall mail invoices annually for sewerage rates and such invoice shall show the current amount of the account, together with any arrears still unpaid with interest to the end of the month in which such invoice is mailed.
- 27(2). After 10 days notice in writing (excluding Saturdays, Sundays, statutory holidays and the date notice was issued) has been given to the owner who is in arrears, which notice may be given by registered mail, addressed to the owner, postage prepaid and without prejudice, or personally served upon the owner or his representative, the Municipality may pursue any or all of the following procedures either concurrently or consecutively:
- (a) sue in the name of the Municipality for an Action in Debt;
  - (b) proceed in any Court of competent jurisdiction to enforce the special lien or charge created by the *Municipalities Act* on land to or with respect to which sewerage services are supplied;
  - (c) disconnect the user service provided to such owner and discontinue such service until such time as the account, including arrears and costs of disconnecting and reconnecting the service has been paid in full by the owner;
  - (d) undertake any other action against the owner which may be available to the Municipality under the Laws of the Province of New Brunswick.
- 28(1). Whenever, in the opinion of the Municipality, a violation of any of the clauses of this By-law has occurred or is existing, the Municipality may cause the sewer service to be discontinued to the premises where such violation has occurred or is existing until the violation has been cured. The costs for discontinuing the service shall be the responsibility of the owner and the service shall not be re-connected until such costs have been paid.
- 28(2). Sewer services may be disconnected to any property in respect of which a notice or order pursuant to a violation of any By-law of the Municipality having been issued and the time period for compliance or any extension thereof, has elapsed without compliance in accordance with such notice or order.
- 28(3). In the event any notice or order referred to in this section has been complied with following the disconnection of sewer services, or in the event any violation of this By-law has been cured, reconnection of the service connection with the Municipal Sewer Service may be carried out and the cost of such reconnection shall be paid for by the

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owner of the building or buildings affected thereby. Any such re-connection costs shall be liable for interest in accordance with section 26(2) of this by-law.

**SERVICE CONNECTION INSTALLATION POLICY**

- 29(1). It is the purpose of this policy to define the procedure and responsibilities for the installation of new service connections to the Town Sanitary Sewer System.
- 29(2). Application - The Owner of a building shall obtain an installation permit from the Town prior to making any connection to the Town sanitary sewer system. An application for an installation permit must be accompanied by a deposit of \$500.00 minimum, a larger deposit may be required subject to the work required to connect to the sewer main. The deposit will be refunded in its entirety upon the inspection and approval of the installation of the service connection by the Town, subject to the policy on **Service Connection Installation on the Northern Sewerage Extension** where individual house connections have been installed to the property line, the home owner shall be exempt from any repairs or installation on Town right-of-ways and the deposit.
- 29(3). Installation - The construction of the service connection shall be in accordance with this By-law and instructions accompanying the installation permit for both materials and construction methods. Street repairs shall be made as specified by the Town. All service connections to buildings with a basement floor below street level shall have a backwater valve installed.
- 29(4). Costs - The Owner shall be responsible for all costs of installing the service connection between the sanitary sewer system and the building including all repairs to streets, sidewalks, curbs, etc.

**SERVICE CONNECTION REPAIR POLICY**

- 30(1). Purpose - It is the purpose of this policy to define the procedure and responsibilities for repair of sanitary sewer service connections.
- 30(2). Procedure - The Owner of a building shall at his own expense, repair, unplug and maintain in good working order that portion of the service connection on his property which is between the building and the property line. The Town may repair, unplug and maintain in good working order that and the blockage or damage occurred on that portion of the service connection on the Owner's property. Then the Town shall charge the Owner for all costs incurred in locating the blockage and repairing and/or clearing the service connection. Where a property owner has contracted with a plumber or a contractor to clear or repair a lateral to the property and it is proved that the blockage was not caused by the property owner and is on municipal property, the Municipality may, subject to Council approval, reimburse the property owner for all or a portion of the property invoice costs, not to include damages.

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**REPEAL**

31. Town of Grand Bay By-law No. 002 entitled "By-law relating to Sanitary Wastewater System" is hereby repealed.

**FIRST READING BY TITLE on this 9th day of November, 2020.**

**SECOND READING BY TITLE on this 9th day of November, 2020.**

**THIRD READING AND ENACTMENT on this 14<sup>th</sup> day of December, 2020.**

\_\_\_\_\_  
John Enns-Wind  
CAO

\_\_\_\_\_  
Grace Losier  
Mayor

seal

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**SCHEDULE "A"**

**SANITARY SEWERAGE USER EQUIVALENT CRITERIA**

<b>CATEGORY</b>	<b>UNITS</b>	<b>CONDITION</b>
1. Apartments	1	per apartment unit
2. Arena	1	per 150 seating capacity and any fraction thereof
3. Bakery	1	per 15 employees and any fraction thereof
4. Barber Shops and Beauty Parlours	1	per 2 seats and any fraction thereof
5. Bowling Alley (Restaurant facility not included)	1	per four lanes and any fraction thereof
6. Canteen/Take-Out	1	per 15 employees and any fraction thereof
7. Churches	1	per 200 seating capacity and any fraction thereof
8. Clubs/Taverns/ Cabaret	1	per 20 sq.m. of seating area and any fraction thereof
9. Dentist and Doctor's Office	1	per practitioner
10. Duplex Residence	2	1 per dwelling
11. Fire Station	1	1 per 15 employees and any fraction thereof
12. Kindergartens & Nursery Schools - Resident Dwelling	2	1 per dwelling unit plus 1 per 60 pupils and any fraction thereof
13. Kindergartens & Nursery Schools - Non-Residence	1	per 60 pupils and any fraction thereof
14. Laundromat	1	per washing machine
15. Mobile Homes	1	per unit
16. Motels, Hotels, Cabins	1	per every 4 units and any fraction thereof
17. Service Shop	1	per 15 employees and any fraction thereof

**BY-LAW NO. 20**  
**TOWN OF GRAND BAY-WESTFIELD BY-LAW RESPECTING**  
**THE SANITARY WASTEWATER SYSTEM**  
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**SCHEDULE "A" CONTINUED**

18. Nursing Home	1	1 per every 3 beds and any fraction thereof
19. Office Buildings, Office Buildings, Financial Institutions	1	per 15 employees and any fraction thereof
20. Restaurants	1	per 15 sq.m. of seating area and any fraction thereof
21. Retail Stores, Supermarkets, Department Stores (not including restaurants)	1	per 195 sq.m. of sales area and any fraction thereof
22. Schools & Institutions	1	per 15 people and any fraction thereof
23. Service Stations	1	per pump
24. Convenience Store with pumps	2	1 for pumps plus 1 per 195 sq. m. of sales area and any fraction thereof
25. Convenience Store without pumps	1	per 195 sq.m. of sales area and any fraction thereof
26. Single Dwelling unit	1	1 per unit
27. Warehouse	1	per 15 employees and any fraction thereof
28. Hospital with beds	1	Per 2 beds and any fraction thereof
29. Hospitals or Rehabilitation Centers without beds	1	Per 4 patients plus 1 per 15 employees and any fraction thereof
30. Other Business Establishments	1	per 30 seating capacity and any fraction thereof
31. Non-Profit Service Organizations	1	per 70 seating capacity and any fraction thereof
32. Municipal Facility	1	per employee
33. Group Home	1	Per every 4 beds and any fraction thereof
34. CAR WASH	1	Per each vehicle bay



**SCHEDULE "B"**

**TIME REQUIREMENTS FOR AIR TESTING**

<b>Pipe Diameter</b> (mm)	<b>Minimum Time</b> (min:sec)	<b>Length for Minimum Time</b> (metres)	<b>Time For Longer Length</b> (sec)
100	1:53	182	.623 L
150	2:50	121	1.40 L
200	3:47	91	2.49 L
250	4:43	73	3.89 L
300	5:40	61	5.61 L
375	7:05	48	8.76 L
450	8:30	41	12.6 L
525	9:55	35	17.2 L
600	11:20	30	22.4 L

L = length of test section in metres