BY-LAW # 792

THE CORPORATION OF THE TOWN OF BEAVERLODGE IN THE PROVINCE OF ALBERTA SEWER BY-LAW

Being a By-Law to regulating the use of public and private sewers and drains and the disposal of sewage and discharge of waters and waste into the public sewer system into the Town of Beaverlodge.

WHEREAS the Town of Beaverlodge has constructed and now maintains a sewage system consisting of separate storm sewers and sanitary sewers and

WHEREAS it is deemed just and proper to levy a sewage service charge on all persons owning or occupying property connected with the sewage system of the Town, to assist with the cost of constructing and maintaining the system including the costs of treatment and disposal of sewage.

NOW THEREFORE THE Municipal Council of The Town of Beaverlodge in the Province of Alberta duly assembled

ENACTS AS FOLLOWS:

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PART ONE

Short Title

This By-Law may be cited as the Sewage Service By-Law.

PART TWO

Definition

- In this By-Law unless the context specifically indicates otherwise. 201 B.O.D. (Denoting Biochemical Oxygen Demand) means the quantity of oxygen 201.1 utilized in the biochemical oxidation of the organic matter in the sewerage under standing laboratory proceedure in five (5) days at 20°C. expressed in parts per million by weight.
- Building Drain means that part of the lowest horizontal piping of a 201.2 drainage system which receives the discharge from soil, waste and other drainage pipes within a building and conveys it to the building sewer beginning three(3) feet outside the outer face of the building wall.
- Building Sewer means that part of a draining system outside a building 201.3 commencing at a point three (3) feet from the outer face of the building wall and connecting the building drain to the public sewer or place of disposal of sewage.
- Town means the Corporation of the Town of Beaverlodge or the area 201.4 contained within the boundaries thereof as the context requires.
- Town Manager means the Manager of the Town of Beaverlodge or his 201.5 authorized agent or representative.
- Dwelling Unit means two or more rooms used or intended for the domestic 201.6 use of one or more individuals living as a single housekeeping unit,

any other place whether publicly or privately owned any part of which the public is ordinarily entitled or permitted to use for passage of vehicles but does not include a place declared by the Lieutenant Governer in Council not to be a highway.

with cooking, heating, living, sleeping and sanitary facilities. Garbage means solid wastes from the domestic and commercial preparation, 201.7 cooking and dispensing of food from the handling, storage and sale of produce. Grease means that material recovered from sewage using the method for 201.8 grease determination as set out in "Standard Methods" of the American Health Association. Health Officer means the Medical Officer of Health of the Grande Prairie 201.9 Health Unit or any person to whom he may delegate a particular duty. Highway means any thoroughfare, street, road, trail, avenue, parking, driveway, viaduct, land, alley, square, bridge, causeway, treselway, or 201.10 /2

Water Course means a channel in which a flow of water occurs either

Water Utility By-Law means the Water Utility By-Law # 793 of the Town

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of Beaverlodge and amendments thereto and any By-Laws passed in

continuously or intermittently.

substitution of said By-Law.

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PART THREE

Use of Public Sewers Required

301	No person shall place, deposit or permit to be deposited in any
	unsanitary manner in the opinion of the Health Officer upon public
	or private property within the Town of Beaverlodge, or in any area
	under the jurisdiction of the Town, any human or animal excrement,
	garbage or other objectionable waste.

- It shall be unlawful to discharge to any natural outlet within the Town 302 of Beaverlodge or in any area under the jurisdiction of said Town, any sewage or other polluted waters except where suitable treatment has been provided in accordance with the subsequent provisions of this By-Law.
- The owner of every, house, building or property used for human occupancy, 303 employment, recreation or other purpose situated within the Town and abutting on any highway or any right-of-way in which there is now or hereafter, located a public sanitary sewer of the Town is hereby required at his expense to install suitable toilet facilities therein and to connect such facilities directly with the proper public sewer in accordance with the provision of this By-Law.
- Except as permitted by this By-Law or the Town plumbing regulations or 304 the plumbing and drainage regulations of the Provincial Board of Health, no person shall construct or maintain a privy, privy vault, septic tank, cesspool or other facility intended or used for the disposal of sewage.

PART FOUR

Private Sewage Disposal

- Where a public sanitary sewer is not available under provisions of Section 303, the building sewer shall be connected to a private sewage disposal system complying with the provisions of this By-Law, the Town plumbing regulations and the plumbing and drainage regulations of the Provincial Board of Health.
- Before commencement of construction of a private sewage disposal system, 402 the owner shall first obtain a written permit signed by the Town Manager. The application for such permit shall be made on a form furnished by the Town which the applicant shall supplement by any plans, specifications and other information as are deemed necessary by the Town Manager. A permit and inspection fee shall be paid to the Town at the time the application is filed. Such fees shall be as established by resolution of Town Council.
- A permit for a private sewage disposal system shall not become effective 403 until the installation is completed to the satisfaction of the Town Manager. He or his representative shall be allowed to inspect the work at any stage of construction and in any event, the applicant for the permit shall notify the Town Manager when the work is ready for final inspection and before any underground portions are dovered. The inspection shall be made within forty-eight (48) hours of the receipt of notice by the Town Manager.
 - The type, capacities, location and layout of a private sewage disposal system shall comply with all recommendations of the Department of Public Health for the Province of Alberta. No permit shall be issued for any private sewage disposal system employing subsurface soil absorbtion facilities where the area of the lot is less than 15,000 square feet or when soil conditions are unsuitable. No septic tank or cesspool shall be permitted to discharge to any natural outlet.
 - At such times as a public sewer becomes available to a property served by a private sewage disposal system, the provisions of Section 303 shall then apply to the property and direct connection shall be made to the public sewer in compliance with this By-Law and any septic tanks, cesspools similar private sewage disposal facilities shall be abandoned, cleaned and slugged and filled with dirt or pitrun gravel or removed and replaced with suitable fill material at the owner's expense.
 - The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times at no expense to the Town.
 - No statement contained in this By-Law shall be construed to interfere with any additional requirements that may be imposed by the Health Officer.

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PART FIVE

Building Sewers and Connections

No unauthorized person shall uncover, make any connection with or opening into, use, alter or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Town Manager.

There shall be two (2) classes of building sewer permits
(a) for residential and commercial services, and
(b) for service to establishments producing industrial waste.
In either case, the owner or his agent shall make application on a special form as prescribed and amended from time to time by the Town.
The permit application shall be supplemented by any plans, specifications or other information considered pertinant in the judgement of the Town Manager. A permit and inspection fee for each of the above classes of building sewer permits shall be paid to the Town at the time the application is filed. Such fees shall be as established by resolution of the Town Council.

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 private sewer is available or can be constructed to the rear building through an adjoining alley, courtyard, or driveway. The building sewer from the front building may be extended to the rear building and the whole considered as one building.

Old building sewer may be used in connection with new buildings only when they are found on examination and tests by the Town Manager or his representative to meet all requirements of this By-Law.

The size, slope, alignment, materials of construction of a building sewer and the method to be used in excavating, placing the pipe, jointing, testing and backfilling the trench shall all conform to the requirements of the building and plumbing code or other applicable rules and regulations of the Town. In the absence of code provisions or in aplifications thereof, the materials and procedeure set forth in appropriate specifications of the American Society of Testing and Materials and the Water Pollution Control Federation Manual of Practise No. 9 Shall apply.

Whenever possible the building sewer shall be brought to the building at an elevation below the basement floor. In all other buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building drain, shall be lifted by an approved means at the cost of the owner and discharged to the building sewer.

No person shall make connection roof downspouts, exterior foundation drains, airway drains or other sources of surface runoff or ground water to a building sewer or building drain which in turn is connected directly or indirectly to a public sanitary sewer except as provided under Section 601 of this By-Law.

The connection of the building sewer into the public sewer shall conform to the requirements of the Building and Plumbing Code or other applicable rules and regulations of the Town or the procedures set forth in appropriate specifications of the A.S.T.M. and the W.P.C.F. Manual of Practise No. 9. All such connections shall be made gas-tight and water-tight. Any deviation from the prescribed procedures and materials must be approved by the Town Manager or representative before installation

The applicant for the building sewer permit shall notify the Town Manager when the building sewer is ready for inspection and connection to the Public sewer. The connection shall be made under the supervision of the Town Foreman or his representative.

All excavations for building sewer installations shall be adequately guarded with the barricades and lights so as to protect the public from hazards. Streets, sidewalks, parkways and any other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Town.

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PART SIX

Use of Public Sewers

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No person shall discharge or cause to be discharged any storm water, surface water, ground water, roof funoff, subsurface drainage, uncontaminated cooling water or unpolluted industrial water to any sanitary sewer except with the provision that the Town Manager may, on application, authorize such discharge where exceptional conditions prevent compliance with the foregoing provisions in which case, a fee may be levied.

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Storm water and all other unpolluted drainage shall be discharged to such sewers as are specifically designed as storm sewers or to a natural outlet approved by the Town Manager. Industrial cooling water or unpolluted process waters may be discharged on approval by the Town Manager to a storm sewer or natural outlet.

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No person shall discharge or cause or permit to be discharged, any of the following described waters or waste in any public sewer:

- 603.1 Any gasoline, benzine, naptha, fuel oil, or other flamable or explosive liquid, solid or gas;
- 603.2 Any water or wastes containing a toxic or a poisonous substance in sufficient quantity to injure or interfere with any sewage treatment process constitute a hazard in the receiving waters or the treatment plant;
- Any waters or waste having a PH in excess of 9.5 or lower than 5.5 or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the sewage works;
- Any solid or fiscous substance in quantities or of such size capable of causing obstruction to the flow of the sewers or other interference with the proper operation of the sewage works such as, but not limited to ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, manure, hair and fleshings, entrails, paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders;
- 603.5 Any liquid or vapour having a temperature higher than one hundred and fifty (150°) degrees F. or sixty-five (65°) degrees C.;
- Any water or waste containing fats, wax, grease or oils whether emulsified or not in excess of one hundred (100) parts per million by weight or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred and fifty (150) degrees F. (0 and 65 C.);
- Any garbage that has not been properly ground. The installation and operation of any garbage grinder equipped with a motor of three-fourths (3/4) horsepower or greater shall be subject to review and approval of the Town Manager or representative;
- 603.8 Any water or waste containing strong acid, iron pickling waste, or concentrated plating solutions whether neutralized or not;
- Any waters containing iron, chromium, copper, zinc and similar objectionable or toxic substances in sufficient quantity to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals or create any hazard in the receiving waters of the stwage treatment process;
- Any waters or waste containing phenols or other taste or odor-producing substance in such concentration as to exceed limits which may be established by the Town Manager or representative as necessary, after treatment of the composite sewage to meet the requirements of the Provincial, Federal or other public agencies having jurisdiction over such discharge to the receiving waters;

- 603.11 Any radio-active waste or isotopes of such half-life or concentration as may exceed limits established by the Town Manager or his representative in compliance with applicable Provincial or Federal regulations;
- 603.12 Any waters or waste containing more than four hundred (400) parts per million by wieght of suspended solids;
- 603.13 Any waters or wastes containing more than seven hundred (700)parts per million by weight B.O.D.;
- 603.14 Any waters or waste containing more than one hundred (100) parts per million by weight of fat, oil or grease either singularily or in combinations.;
- 603.15 Wastes which contain exert or cause:
 - (a) unusual concentration of the inert suspended solids such as but not limited to Fullers earth, lime slurries and lime residue or of dissolved solids such as but not limited to sodium chloride and sodium solphate
 - (b) excessive discoloration such as but not limited to dye, wastes and vegetable tanning solutions
 - (c) unusual B.O.D. chemical oxygen demand or chlorine requirements in such quantities as to constitute a signifigant load on the sewage treatment works, and
 - (d) unusual volume of flow or concentration of wastes containing
 "slug" as defined herein;
- 603.16 Waters or waste containing substances which are not amendable to treatment or reduction by the sewage treatment processes employed, or are amendable to treatment or reduction by the sewage processes employed, or amendable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies havind jurisdiction over discharge to the receiving waters.
- If any waters or wastes are discharged or are proposed to be discharged to the public sewers which waters contain the substances or possess the characteristics enumerated in Section 603 in which have deleterious effect upon the sewage works, processes, equipment or receiving waters or which otherwise create a hazard ot life or constitute a public nuisance, the Town Manager may:
 - 1) Reject the wastes;
 - 2) Require pre-treatment to an acceptable condition for discharge to the public sewers;
 - 3) Require control over the quantities and rates of discharge, and/or;
 - 4) Require payment to cover the added cost of handling and treatment of the wastes not covered by the existing taxes or sewage service charge under the provisions of Section 901. If the Town Manager permits and pre-treatment or equalization of waste flow, the design and installation of the plants and equipment shall be subject to the review and approval of the Town Manager and subject to the requirement of all applicable codes, By-Laws and legislation.
- Grease, oil and mud interceptors shall be provided for garages, 605 automatic service stations and vehicles and equipment, washing establishments; Interceptors will be required for other types of businesses when necessary for the proper handling of liquid waste containing grease in excessive amounts or any flammable waste, sand, mud or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity as to conform to the Provincial Plumbing and Drainage Regulations and shall be located as to be readily and easily accessible for cleaning and inspection. Where installed, all grease, oil and mud interceptors shall be maintained at all times in satisfactory and effective operation by the owner at his own expense. Where available, mud interceptors shall be connected to storm sewer systems subject to approval of Town Foreman.

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Where preliminary treatment or flow equalizing facilities are provided for any waters or wastes, they shall be maintained at all times in satisfactory and effective operation by the owner at his expense.

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When required by the Town Manager the owner of any property services by a building sewer carrying industrial waste shall install a suitable control manhole together with such necessary meters if required and other appurtenances in the building sewer to facilitate observation, sampling and measurement of wastes. Such manhole when required shall be located and constructed in accordance with plans approved by the Town Manager. 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.

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All sampling, measurement, tests and analysis of the characteristics of waters and wastes to which reference is made in this By-Law shall be determined in accordance with the latest addition of "Standard Method for Examination of Water and Waste Water" published by the American Health Association and shall be determined at the controlled manhole provided or upon suitable samples taken at said control manhole. the event that no special manhole has been required, the control manhole shall be donsidered to be that manhole in the public sewer downstream of the nearest to the point at which the building sewer is connected. Sampling shall be carried out by customarily acceptable methods to reflect the effect constituence upon the sewage works and to determine the existence of hazards to life, limb and property. The particular analysis involved will determine whether a twenty-four (24) hour composite of all outfall of a premises is appropriate or whether a graph sample or samples should be taken. Normally, but not always, the B.O.D. and suspended solids analysis will be obtained from twentyfour (24) hours composite of all outfalls whereas the PH will be determined from periodic graph samples.

PART SEVEN

Protection from Damage

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No unauthorized person shall maliciously, willfully or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenance or equipment which is part of the sewage works. Any person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

PART EIGHT

Power and Authority of Inspections

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The Town Manager and other duly authorized employees of the Town bearing proper credentials and identification shall be permitted to enter all properties for the purpose of inspection, observation, measurements, sampling and testing in accordance with the provisions of this ordinance. The Town Manager or his representative shall have the authority to inquire into any processes beyond that point having a direct bearing on the kind and source of discharge to the sewers or waterways or facilities for waste treatment.

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While performing the necessary work on private properties referred to in Section 801 the Town Manager or duly authorized employees of the Town shall ovserve all safety rules applicable to the premises established by the Company.

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The Town Manager and other duly aughorized employees of the Town bearing proper credentials and identification shall be permitted to enter all private properties through which the Town holds a duly negotiated easement for the purpose of but not limited to inspections, observations, measurement, sampling, repair and maintenance of any portion of sewage works lying within said easement. All entry and subsequent work, if any, on said easement shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

PART NINE

Sewage Service Charges

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The Town hereby levies a sewage charge on all persons occupying property connected within the sewage system of the Town. Such a service charge shall be billed and is due and payable on such day as may be established by the Town Manager. The sewage service charge shall be computed as follows and may be amended by resolution of Council.

NOW THEREFORE the Council of the Town of Beaverlodge, duly assembled,

ENACTS AS FOLLOWS:

- 1. That users of the Sewer Service, connected to the sewer system of the Town of Beaverlodge and who are not classified as Commercial or Large Users in accordance with the schedule hereunder shall pay a monthly flat rate of Six Dollars (\$6.00) to the Town of Beaverlodge for this service.
- 2. That Commercial or Large Users connected to the sewer system of the Town of Beaverlodge shall pay a monthly flat rate, to the Town of Beaverlodge in accordance with the following schedule:

Industrial Area (serviced)	\$31.00	
Hospitals	\$31.00	
Hotels	\$31.00	
Schools - Per Class Room	\$ 9.50	
Community Centre and Halls	\$11.00	
Cafes	\$14.50	
Rooming Houses	\$13.50	
Apartments, Motels	\$ 6.00	per unit
Garages	\$12.00	
Meat Markets	\$12.00	
Pool Hall and Bowling Alley	\$11.00	
Barber Shop & Beauty Salon	\$10.00	
Meat Packers	\$31.00	
Mobile Homes	\$ 6.00	
Office Rentals (Per Office)	\$ 6.00	
Laundromat & Drycleaners	\$14.50	
Car & Truck Wash	\$14.50	

3. That the Sewer Service charges provided for in this By-Law shall be a debt recoverable by action and that they may be recoverable by distress upon and seizure of the goods and chattels of either the owner or purchaser of the property served and that they shall be a lien upon the property and subject to the same penalties collectible in the same manner as taxes.

The provisions of any By-Law of the Town respecting waterworks, the metering of water, the billing procedure and the time and place of payment of water rates shall be deemed to apply to this By-Law.

Notwithstanding anything contained in this By-Law, water used by any business or person in the manufacturing of ice or other products of which may be otherwise transported out of the Town for use elsewhere shall not be included in calculating the charges payable under this By-Law if accurate means of measuring such water is provided.

The Town Manager shall from time to time, determine or cause to determine by sampling and analyzing the characteristics of the sewage being discharged into the sewage system of the Town from each premise of the Town, which by reason of the type of industry or business being conducted or operated thereon, or for other reasons is, in his opinion, likely to produce concentrated sewage and shall maintain a record of each such analysis.

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If a surcharge is payable under Section 901, it shall be calculated and paid on a basis of the latest series of tests made by the Town Manager persuant to the provisions of Section 904 and such surcharges shall not be changed until a subsequent series of tests indicate that the effluent from the premises contain a concentration to which different surcharge is applicable.

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If the occupant of permises to which a sewage surcharge is applicable is of the opinion that the degree of concentration of the sewage discharged from the premises has been reduced from that shown in prior tests for any reason including the installation of sewage treatment equipment, he may request that the Town Manager make further tests at the expense of the occupant.

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The Town Manager shall, from time to time, review the rates of the service charges and surcharges payable under subsection 901 with a view of recommending to the Town Council that certain revisions be made in order to maintain such charges comensurate with current sewage treatment costs in the Town of Beaverlodge and to establish such other surcharges as may be deemed necessary.

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The Town, may be its officers, employees and agents, enter upon any premises served or to be served with a sewer connection, inspect the equipment, install thereon and for all purposes of inspection, installation and tests for the purposes of this By-Law.

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In the case of any dispute as to the proper charges to which any property is subject by reason of the provisions herein contained, the matter shall first be referred to the Town Council and where the dispute is not then settled to the satisfaction of the complainant, final appeal may then be made in the manner provided for in the Municipal Government Act of the Province of Alberta.

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All accounts including interim accounts for sewage service shall be due and payable when rendered. A penalty of \$50.00 shall be charged in the event that an account is not paid by the penalty date as stated on the account and determined by the Town Manager.

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The payment of any rates, charges, tolls, fares or rents as provided by this By-Law may be enforced by all or any of the following methods, namely:

- a) By action in any Court of competent jurisdiction.
- b) By shutting off the water service.
- c) By distress and sale of the goods and chattels of any person owing such rates, charges, tolls, fares or rents wherever the same may be found in the Town.

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Where the occupant is the owner or purchaser of a house, tenement, lot or part of a lot, the sum payable by him for the sewage service supplied by the Town to him or for his use and all rates, costs and charges imposed under this By-Law or a preferential lien and charge on the house, tenement, lot or part of a lot and on the personal property of the debtor may be levied and collected in like manner as Municipal rates and taxes are recovered by law.

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914	Where the occupant to whom the sewage service has been supplied is a person other than the owner or purchaser of house, tenement, lot or part of a lot, the sum payable by the occupant is a debt due by him and shall be a preferential lien and charge on his personal property and may be levied and collected with cost by distress.
915	In the event of the rate of rent remaining uncollected and unpaid or continuing a lien upon the said premises as aforesaid, the Manager shall make a return showing the amount of the rate or rent in arrears together with all costs and charges in connection therewith.
916	The rate or rent together with interest shall be collected by the Town Manager by sale of land and premises in the same manner and subject to the same provisions and the same rate of interest per annum as in the case of the sale of land for the arrears of Municipal Taxes.
917	Any sewage expense, rates or rents that may be charged, are costs against a person and may be entered on the assessment and tax roll at any time.
918	No statement in this By-Law shall be construed as preventing any special agreement or arrangement between the Town and any industrial concern whereby any industrial waste of unusual strength of character may be accepted by the Town for treatment subject to payment therefore by the industrial concern.
919	Any person found to be violating any provision of this ordinance except Section 304 shall be served by the Town with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations.
920	Any person who shall continue any violation beyond the time limit provided for in Section 919 shall be guilty of a misdemeanor and on conviction thereof shall be fined in the amount not exceeding \$100.00 for each violation. Each day in which any violation shall continue shall be deemed a separate offence.
921	Any person violating any of the provisions of this By-Law shall become liable to the Town for any expense, loss or damage occasioned to the Town by reason of such violation. In case any blockage, either wholly or in part of said sewage system is caused by reason of failure, ommission or neglect to comply strictly with the foregoing provisions, the owner or occupant being responsible for the said blockage, shall in addition to any penalty for infraction of the provisions hereof, be liable to the Town for all costs of cleaning such blockage and/or any other amount for which the Town may be held legally liable because of such blockage.
922	Invalidity of any section, clause, sentence or provision of this By-Law shall not affect the validity of any other part of this By-Law which can be given affect without such invalid part or parts.
923	By-Law's No. 615 - 658 & 728 are hereby repealed.
924	This By-Law hereby cancels any previous sewer By-Laws.
925	This By-Law takes effect July 1, 1992.
	Read a first time this 25th of May , A.D., 1992
	Read a second time this 25th of May A.D., 1992
	Read a third time and finally passed this 25th day of May ,A.D., 1992

Town Manager