**City of Kamer Sewer Connection Agreement**

Prior to installation of any connection to the City of Kramer sewer system, this installation agreement must be completed, and submitted to the City Auditor prior to starting any work. Your signature on each standard is required indicating you have read and understand city requirements for the sewer connection. Furthermore, signing this application is an acknowledgement of the requirement of inspection by a city approved plumber prior to closure of the pit where said connection is made, unless said plumber is doing the installation. A sewer connection fee of $350.00 is required at the time of submission of this application. The city shall refund the fee if the applicant fails to agree to meet these standards and the sewer connection will not be permitted to go forward.

**City of Kramer Sewer Connections Standards.
Initial each acknowledging intent to comply with the standard.**

**\_\_\_\_\_ Minimum Pipe Size:** The house discharge sewer, or lateral, must be at least 4 inches in diameter.

**\_\_\_\_\_ Material:** Acceptable materials include Schedule 40 or greater pressure-rated plastic pipe (ABS or PVC), or Type PSP PVC sewer pipe SDR 3540.

**\_\_\_\_\_ Slope:** The lateral pipe should have a uniform slope with no high or low spots to ensure proper drainage. The normal slope is 1/4" per foot, with a minimum slope of 1/8" per foot.

**\_\_\_\_\_ Depth:** The lateral pipe must be installed below the frost line to prevent freezing, in accordance with North Dakota's general plumbing requirements. The minimum cover is 3 feet over the pipe. Insulation is recommended where the pipe rises above the frost line.

**\_\_\_\_\_ Joints:** Joints must be watertight and resistant to root penetration, typically achieved through gluing or gasketed joints.

**\_\_\_\_\_ Cleanouts:** Cleanouts are required on the exterior of the lateral, at or within two feet of the property line. Only flush-type cleanouts are allowed.

**\_\_\_\_\_ Connection:** Cleanouts should be connected to the lateral using a sweeping 45° elbow to allow for easier access for a plumber's snake.

Connection to the Sewer Main

**\_\_\_\_\_ Methods:** Connections to the existing main sewer line are made using in-line wyes and watertight seals are crucial at the point of connection.

**\_\_\_\_\_ Septic Tank Abandonment:** If connected from an existing septic system, the septic tank must be properly either properly removed or abandoned by pumping out the waste, crushing or filling the tank, and obtaining a permit from the Bottineau County First District Health Unit.

**\_\_\_\_\_ Stormwater Disconnection:** Connecting stormwater, surface water, or groundwater to the sanitary sewer is prohibited in the City of Kramer and violations must result in a fine no less than $25.00 and no more than $500.00 as outlined in City of Kramer Municipal Code – Chapter 5 - Management of the City Sewage Disposal System paragraph 5.6.2. Furthermore, the condition demanding penalty shall be corrected at the owner’s expense.

Signature of Property Owner

Signature of Contractor (if used)