

Ordinance Number 76
Village of Millington

Ordinance for Not Accepting any Backwash from Iron or Arsenic Removal Systems

THE VILLAGE COUNCIL OF THE VILLAGE OF MILLINGTON, COUNTY OF TUSCOLA, STATE OF MICHIGAN ordains:

The Village of Millington will not accept backwash from any iron or arsenic removal systems into the sanitary waste system without a permit. Permits will only be granted under certain conditions.

Due to the restricted capacity of our present waste water system the Village of Millington cannot accept backwash from any arsenic treatment systems installed in the Village of Millington especially due to the possibility of higher concentrations of arsenic discharged into our lagoons unless a special permit is sought.

A special permit must be sought before any backwashing of arsenic treatment systems.

Any discharge from an arsenic treatment system or iron removal system must be done under a special permit. This permit will be based on the following provisions:

1. The amount of arsenic in the water, when discharged,
2. The Village will conduct the test at the expense of the permittee, or the permittee must show certified paperwork of the current arsenic level of the treated water to be discharged.
3. The amount of backwash volume water that will be discharged and the Village capacity to handle it.
4. Only with approval of the Department of Environmental Quality (DEQ) based upon arsenic discharge levels. The DEQ says if water treatment backwash water discharges into a sanitary sewer system, the sanitary sewer must be evaluated to determine if it is able to accept the full flow of the disposal stream. If the system can handle the arsenic loading and not cause the wastewater treatment facility to exceed discharge standards, no further assessment is necessary. If there is a mass loading concern, it may be necessary to install holding facilities to "bleed" the residual into the system. This may be accomplished by installing a tank or basin to hold at least a full backwash volume and then bleed in at a rate the sewer and waste facility can handle. The waste facility will be handling the same total arsenic loading over a long period as it received now without any drinking water treatment. It is a mass balance issue that must be addressed through the Industrial Pretreatment Program (IPP) program, if applicable. Connection of the discharge to the local sanitary sewer should be discussed with the local authority prior to connection.

Discharge to a surface water. Backwash water discharged to a surface water body will require a National Pollutant Discharge Elimination permit (NPDES). A general NPDES permit, Wastewater Discharge From Potable Water Supply will usually provide coverage for these type of discharges. NPDES permits have limitations and requirements, which will be stated on the

permit. Information on how to apply for a NPDES permit can be obtained at the DEQ website, http://www.michigan.gov/deq/0,1607,7-135-3313_3682_3713-10440--,00.html.

This ordinance shall take effect immediately upon publication after the final passage thereof. All previous ordinances or parts of ordinances inconsistent with any of the provisions of this ordinance are hereby repealed.

This ordinance enacted by the Village Council of the Village of Millington, Michigan at the regular meeting held at the Council Chambers in said Village on the 11th day of April, 2005.


Yeas: Beck, Coleman, Dean, Fackler, Jewell, Reinert, Rock

Neas: None

Absent: None

Abstain: None

Signed:



Gailan Reinert, Village President

Signed:



Carol Hamlin, Village Clerk

I, Carol Hamlin, Village Clerk of the Village of Millington, do hereby certify the above ordinance is a true and correct copy of an ordinance passed by the Village Council of the Village of Millington, Tuscola County, Michigan, at the regular meeting on the 11th day of April, 2005.

In Testimony Whereof, I have hereunto set my hand and the seal of the Village of Millington this 11th day of April, 2005.

Signed:



Carol Hamlin, Village Clerk