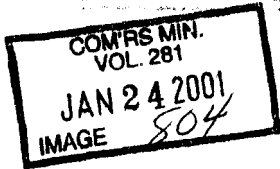


ARTICLE VII

WASTEWATER LIFT STATIONS



Section 701 Approval of Wastewater Lift Stations

Approval of wastewater lift stations will be limited to providing service only to those areas where a gravity sanitary sewer system is not feasible as determined by the Director. The Director will consider the following factors in determining feasibility:

- A. 50-year economic analysis;
- B. Interest rate;
- C. Offsetting environmental concerns;
- D. Availability of necessary easements;
- E. Other items or factors applicable to the specific situation.

Prior to approval, a 50-year economic analysis must be submitted by the developer to the District with the request for concept approval.

The District will not approve a wastewater lift station for less than 20 single-family units, or equivalent.

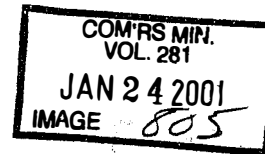
Flow shall be calculated using the MSD Design Standards for estimating sanitary sewage flow from new developments (per Section 601 (A.)).

Prefabricated wastewater lift stations shall be a product of a manufacturer who has demonstrated its abilities in the field. Such stations must comply in all respects with the requirements of the State of Ohio Environmental Protection Agency in effect at the time detailed plans are approved. Additionally, such stations shall be subject to such requirements as the District may indicate based upon safety, layout, access, and auxiliary equipment required for proper operation and maintenance, or any other item peculiar to that station, which may be required in the judgment of the Director.

Section 702 Policy on Privately Constructed Wastewater Lift Stations in Areas Served by the Metropolitan Sewer District of Greater Cincinnati

The Board shall periodically approve the technical requirements for wastewater lift stations within the Metropolitan Sewer District. The Director shall maintain on file and make available to the public upon request the current technical requirements for wastewater lift stations within MSD.

The provisions of this rule are not intended to limit the appropriate use of materials, appliances, equipment or methods of design or construction not specifically prescribed by the Board-approved technical requirements provided that the Board or the Director determines that the proposed alternative materials, appliances, equipment or methods of design or construction are at least equivalent to that prescribed in the approved technical requirements.



The Director is authorized to make such determinations only where sufficient evidence or proof is submitted to substantiate any claims that may be made regarding the proposed alternate. Such evidence or proof of equivalency shall be based on detailed drawings and specifications, product installation and contact list, operation and maintenance manuals, and other items which may be required in the judgement of the Director.

MSD will review private developers' plans for proposed wastewater lift stations at two design stages: concept and detail. The MSD technical requirements in place at the time of concept approval shall be the final technical requirements for the duration of the project, subject to the time limits on concept and detail approvals specified in the MSD Rules and Regulations. Any revisions which may be made to the MSD technical requirements for the duration of the project shall not be applied retrospectively.

If new requirements for lift station approval are implemented after MSD has issued concept approval but before the construction is completed, the Director will make a recommendation to the Board on whether to apply the new requirements to the lift station project at MSD's expense.

Section 703 Extended Maintenance Bond Requirements for New Wastewater Lift Stations

Whenever possible, wastewater lift stations shall be designed so that the purge time of the wet well and force main of the wastewater lift station will be less than 30 minutes based on the OEPA peaking factor.

A two-year, \$5,000 maintenance bond, which includes both odor control and maintenance of the lift station, shall be provided by the developer for a wastewater lift station.