

MISCELLANEOUS

- 297 Pharmaceutical Waste Disposal by Soil Injection. R. R. Melcher.
Biotechnology and Bioengineering 4, 147-151 (June 1962).
(Biotechnology and Bioengineering, Interscience Publishers, 20th and Northampton Streets,
Easton, Pa. *).

From the standpoint of a chemical plant problem, the injection well is practical under the certain specific circumstances: when the volume of wastes is not excessive, the underground strata are of the proper nature, the chances of contamination are negligible, the wastes are of a nature that can be properly assimilated into the strata, and finally, no surface method of treatment appears possible or adequate to handle the problem. -- Public Health Eng. Absts.

- 298 Petrochemical Wastes Effects on Water. Part I. E. F. Gloyne and J. F. Malina, Jr.
Ind. Water & Wastes 7, 134-138 (Sept.-Oct. 1962).

This paper reviews the present and past status of petrochemical wastes and includes projections of their possible future effects on water systems. The high oxygen demands exerted by some petrochemical wastes dictates that aqueous wastes be held at an absolute minimum. These wastes will be oxygenated to some extent, and in all probability involve some form of biological treatment. -- Public Health Eng. Absts.

- 299 Submerged Combustion Evaporation of Acid Wastes. D. Krofchak.
Ind. Water & Wastes 7, 63-65 (May-June 1962).

Evaporation for chemical recovery or by-production is one of the time honored methods of waste treatment. The development of submerged combustion evaporation has given additional impetus to acid waste treatment. The release of combustion gases below the surface of the liquid to be evaporated creates turbulence and results in good mixing and better heat transfer. The simplicity of construction and operation give this method advantages in acid waste treatment. This paper presents the details of two applications of this method in connection with titanium oxide manufacturing wastes and steel pickling wastes. -- Public Health Eng. Absts.

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* Address not in current List of Periodicals.