

§ 650.58 Water quality standards.

(a) Under the provisions of Pub. L. 92-500 it is the responsibility of the States to establish water quality standards and formulate an overall plan for achieving and enforcing these water quality standards. These criteria are based on the quality of water necessary to achieve and maintain use classifications of water such as recreation, fish and wildlife propagation, public water supply, and industrial and agricultural uses. States are also required to establish effluent discharge limitations necessary to achieve and maintain the desired use classification. For Army installations, implementation and enforcement of the applicable federally or State developed effluent limitations, and water quality standards are accomplished by the regional headquarters of the Environmental Protection Agency through the National Pollutant Discharge Elimination System.

(b) The following effluent limitations are minimum standards which have been established pursuant to Pub. L. 92-500. More stringent effluent limitations may be established by the Administrator, EPA, to attain or maintain the water quality standards established by the State. Permissible effluent limitations, whether based on Federal or State water quality standards or on water quality criteria will be specified by the EPA Regional Administrator in the NPDES permit issued for each point of discharge.

§ 650.59 Effluent limitations.

(a) Domestic waste water effluents:

(1) As an interim limitation, all effluents from predominately domestic sources will be receiving the equivalent of secondary treatment as a minimum by July 1, 1977.

(2) By July 1, 1983, domestic wastewater limitations will be based on the best practicable waste treatment technology. Planning for 1983 discharge requirements will be clarified pending case by case evaluation of EPA criteria for 1983 which should be contained in NPDES permits to be issued in the 1977-1980 time frame. It may be assumed that the 1983 standards would require some form of advanced wastewater treatment, (i.e., phosphate, ni-

trate or carbonate removal; very low values of biochemical/chemical oxygen demand, suspended solids and fecal coliform bacteria; and minimal fluctuations in pH and temperature (/).

(b) Industrial wastewater effluents:

(1) As an interim limitation all effluents from existing industrial sources will be treated by processes employing the "best practicable control technology currently available" by July 1977. Guidelines and standards defining effluent limitations for best practicable control technology currently available are published under 40 CFR parts 401 through 447. At present only two industrial categories apply to Army activities; these are 40 CFR part 413, Electro, plating, and 40 CFR part 415, Inorganic Chemicals. EPA will publish regulations in the form of effluent limitations guidelines and standards of performance and pretreatment for ammunition production facilities at a later date. DAEN-ZCE will issue guidance as appropriate.

(2) By July 1, 1983, treatment of existing industrial wastewater effluents will employ the "best available technology economically achievable." Effluent limitations based on the best available technology economically achievable have been defined and are published in previously mentioned 40 CFR parts 401 through 447.

(3) Effluent limitations for new sources are in most cases based on best available technology economically achievable and, therefore must necessarily meet the "1983 standards." These effluent limitations are also published with the guidelines and standards in 40 CFR parts 401 through 447.

(c) *Oil*. The discharge of oil or effluents containing oil is limited by the quality determined to be harmful to the public health or welfare; or by applicable water quality standards; or by the amount which will cause a film or sheen upon a discoloration of the surface of the water or adjoining shorelines; or cause a sludge or emulsion to be deposited beneath the surface of the water or adjoining shorelines (40 CFR part 110 and subpart F of this part).

(d) *Pretreatment Standards (40 CFR part 128)*. Nondomestic wastewater effluents from Army installations which are discharged to regional or