

§ 130.33

40 CFR Ch. I (7-1-02 Edition)

level necessary to ensure protection and propagation of a balanced indigenous population of shellfish, fish, and wildlife, taking into account the normal water temperatures, flow rates, seasonal variations, existing sources of heat input, and dissipative capacity of the waterbody for which the TMDTL is being established. Estimates for those waterbodies must include a calculation of the maximum heat input and a margin of safety that takes into account any lack of knowledge concerning the development of thermal water quality criteria.

(e) A TMDL must not be likely to jeopardize the continued existence of an endangered or threatened species listed under section 4 of the Endangered Species Act or result in the destruction or adverse modification of its designated critical habitat.

§ 130.33 How are TMDLs expressed?

(a) A TMDL must contain a quantitative expression of the pollutant load or load reduction necessary to ensure that the waterbody will attain and maintain water quality standards, or, as appropriate, the pollutant load or load reduction required to attain and maintain aquatic or riparian habitat, biological, channel or geomorphological or other conditions that will result in attainment and maintenance of water quality standards.

(b) As appropriate to the characteristics of the waterbody and pollutant, the pollutant load or load reduction may be expressed in one or more of the following ways:

(1) The pollutant load that can be present in the waterbody and ensure that it attains and maintains water quality standards;

(2) The reduction from current pollutant loads required to attain and maintain water quality standards;

(3) The pollutant load or reduction of pollutant load required to attain and maintain aquatic, riparian, biological, channel or geomorphological measures so that water quality standards are attained and maintained;

(4) A quantitative expression of a modification of a characteristic of the waterbody, *e.g.*, aquatic and riparian habitat, biological, channel,

geomorphological, or chemical characteristics, that results in a pollutant load or reduction of pollutant load so that water quality standards are attained and maintained; or

(5) In terms of either mass per time, toxicity or other appropriate measure.

§ 130.34 What actions must EPA take on TMDLs that are submitted for review?

(a) EPA must:

(1) Review each TMDL you submit to determine if it meets the requirements of §§ 130.31, 130.32 and 130.33 and issue an order approving or disapproving each TMDL you submit within 30 days after you submit it.

(2) Disapprove the TMDL if it does not meet all those requirements.

(3) Issue an order establishing a new TMDL for a waterbody and pollutant within 30 days of EPA's disapproval or determination of the need for revision, if EPA disapproves a TMDL you submit or determines that an existing TMDL needs to be revised.

(4) Publish this order in the FEDERAL REGISTER and a general circulation newspaper and request public comment for at least 30 days.

(5) Issue a subsequent order revising the TMDL after the close of the public comment period, as appropriate, if EPA revises its initial order based on public comment.

(6) Send you the final TMDL EPA establishes. You must incorporate any EPA-established or EPA approved TMDL into your water quality management plan.

(b) When EPA establishes a TMDL it must provide reasonable assurance. It may satisfy the adequate funding requirement of reasonable assurance by conditioning Clean Water Act grants to the fullest extent practicable and in a manner consistent with effective operation of other Clean Water Act programs.

(c) EPA may also use any of its statutory or regulatory authorities and voluntary, incentive-based programs, as it determines appropriate, to supplement conditioning Clean Water Act grants in demonstrating reasonable assurance.