

Guidelines for the Designation of Reservoir Subject to Priority Control and Water Quality Improvement

1. Purpose

- The purpose of these guidelines is to concretely prescribe matters regarding the designation of reservoirs that are subject to priority control and establishment, promotion, etc., of measures for the improvement of the quality of water on contaminated reservoirs for everyday use as well as for tourism and leisure functions in accordance with Article 31-2 of the Water Quality and Aquatic Ecosystem Conservation Act.

2. Scope of Application

- These guidelines shall be applied to the Ministry of Environment that establishes policies on the management of the water quality of reservoirs that are subject to priority control. The ministry also supports projects to improve water quality thereof to the mayor/do governor who establishes and promotes measures for water quality improvement inside of the upper stream of reservoir as well as to the water surface manager who establishes and promotes measures for water quality improvement outside of the reservoir.

3. Definitions

- The phrase “a reservoir that is subject to priority control” means a reservoir that the Minister of Environment designates in consultation with heads of relevant central administrative agencies in accordance with Article 31-2 of the Water Quality and Aquatic Ecosystem Conservation Act.
- The term “water surface manager” means a person who is in charge of managing any lake and marsh pursuant to the provisions of other Acts and subordinate statutes. In cases where two or more persons are in charge of managing the same lake and marsh, the person other than the river management authority provided for in the River Act shall be the water surface manager.

4. Objectives to Achieve

- The Minister of Environment intends to achieve the following objectives by designating reservoirs that are subject to priority control:

- In cases where the water quality of reservoirs is managed to use reservoirs as sources of water for living as well as for tourism and leisure functions: somewhat good (Ⅱ) grade or better (tourism and leisure type) in living environment standards of lake and marsh pursuant to subparagraph 3(B)(2) of the Attached Table 1 of the Enforcement Decree of the Framework Act on Environmental Policy
- In cases where the water quality of reservoirs is managed to make them waterside rest: average (Ⅲ) grade or better (waterside rest type) in living environment standards of lake and marsh pursuant to subparagraph 3(B)(2) of the Attached Table 1 of the Enforcement Decree of the Framework Act on Environmental Policy
- In cases where the reservoirs are used for their existing purposes: their existing objective water quality, such as agricultural water, etc., or better

5. Support Period

- The period of preferential support of government subsidy project in accordance with the designation of the reservoir that is subject to priority control shall be five years in principle. However, in inevitable circumstances, such as taking of absolute work term, etc., the period may be extended up to seven years

6. Selection Standards

- The selection standards of a reservoir that is subject to priority control shall be as follows:
 - Its total water storage capacity shall be 10 million cubic meters or more.
 - The water pollution level of reservoir shall exceed the environmental standards (grade 4 for reservoir for agricultural use and grade 3 for other use) of lakes and marshes prescribed in Article 2 (Attached Table) of the Enforcement Decree of the Framework Act on Environmental Policy
 - In cases where the Minister of Environment acknowledges that it is necessary to preserve the water quality of the relevant water system
- The priority of a reservoir designated pursuant to paragraph (1) shall be determined by comprehensively evaluating the water pollution, resident accessibility, availability, etc., on based on 100 points in accordance with Annexed Form 1.
 - Water Quality (40 points): Sum of the water quality grade for the last five-year average of COD-T-N-T-P, Chl-a
 - Accessibility (40 points): Differential distribution of points for population within 5 km radius and population within 10 km radius
 - Availability (20 points): Development of resident amenities, trail, etc., around a reservoir

7. Notification of Plan to Designate a Reservoir That Is Subject to Priority Control

- The Minister of the Ministry of Environment shall establish a plan to designate a reservoir that is subject to priority control, which includes each and every subparagraph pursuant to Article 7, and notify the plan to a relevant mayor/do governor and water surface manager in consultation with the heads of central administrative agency.
 - General status of reservoir (location, facility manager, storage capacity, nearby pollution source, water quality, basin characteristics, population, etc.)
 - Designation basis
 - Purpose and necessity of designation
 - Other necessary matters

8. Submission of a Plan to Improve Water Quality of a Reservoir That Is Subject to Priority Control

- The mayor/do governor and the water surface manager who receives the notification to designate a reservoir that is subject to priority control pursuant to Article 8 shall prepare a general plan to improve water quality using the Annexed Form 2. The mayor/do governor and the water surface manager shall submit the plan to the Minister of Environment no later than three months from a date on which he or she receives the notification. In this case, the mayor/do governor and the water surface manager may jointly establish and submit the measures.

9. Designation and Cancellation of a Reservoir That Is Subject to Priority Control

- The Minister of the Ministry of Environment shall review validity, enforceability, etc., of the plan to improve the water quality that the mayor/do governor and the water surface manager submits pursuant to Article 9. Also, the Minister of the Ministry of Environment shall establish the designation plan that includes the following matters and consult to the heads of relevant central administrative agencies.
 - Location of reservoir, facility manager, water storage capacity, pollution level
 - Purpose and necessity of designation of a reservoir that is subject to priority control
 - Other matters necessary for the designation of a reservoir that is subject to priority control
- The Minister of the Ministry of Environment may designate a reservoir that is subject to priority control with consideration for consultation results and compliance with legal requirements for the designation thereof pursuant to paragraph (1), the efforts to improve water quality by the mayor/do governor and the water surface manager as well as their

effects, etc.

- In cases where the Minister of the Ministry of Environment designates a reservoir that is subject to priority control pursuant to paragraph (2), he or she may adjust the number of designated reservoirs every year with consideration for the period to achieve the objectives to improve water quality, etc.
- In cases where the Minister of the Ministry of Environment designates a reservoir that is subject to priority control pursuant to paragraph (2), he or she shall notify the relevant mayor/do governor and the water surface manager of the designation results of the reservoir that is subject to priority control as well as the matters regarding the cooperation requests.
- In cases where the water pollution level of the reservoir that is subject to priority control has been maintained less than the standards pursuant to Article 7(1)2 for two consecutive years since its designation as a reservoir that is subject to priority control, the Minister of the Ministry of Environment may cancel the designation.

Source: Ministry of Environment (www.me.go.kr)

