

**DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION**



**18 AAC 70**

**WATER QUALITY STANDARDS**

Public Review Draft, November 17 2010

18 AAC 70.020(b)(8) and (20) are amended to read:

<b>Water Quality Standards for Fresh Water and Marine Uses</b>	
<b>POLLUTANT &amp; WATER USE</b>	<b>CRITERIA</b>
<p><b>(8) RESIDUES, FOR FRESH WATER USES: Floating solids, debris, sludge, deposits, foam, scum, or other residues (criteria are not applicable to groundwater)</b></p> <p><b>(See note 13)</b></p>	
<p>(A) Water Supply</p> <p>(i) drinking, culinary, and food processing</p>	<p><b><u>No residues are allowed in surface waters of the state, in concentrations or amounts that have the following effects: 1) may impair designated uses; 2) cause nuisance or objectionable conditions; 3) result in undesirable or nuisance species; or 4) produce objectionable odor or taste.</u></b> [MAY NOT, ALONE OR IN COMBINATION WITH OTHER SUBSTANCES, BE PRESENT IN CONCENTRATIONS OR AMOUNTS THAT: FORM OBJECTIONABLE DEPOSITS; CONSTITUTE A NUISANCE; PRODUCE OBJECTIONABLE ODOR OR TASTE; OR RESULT IN UNDESIRABLE OR NUISANCE SPECIES.]</p>
<p>(A) Water Supply</p> <p>(ii) agriculture, including irrigation and stock watering</p>	<p>Same as in (8)(A)(i).</p>

(A) Water Supply  (iii) aquaculture	Same as (8)(A)(i)
(A) Water Supply  (iv) industrial	Same as (8)(A)(i).
(B) Water Recreation  (i) contact recreation	Same as (8)(A)(i).
(B) Water Recreation  (ii) secondary recreation	Same as (8)(A)(i).
(C) Growth and Propagation of Fish, Shellfish, Other Aquatic Life, and Wildlife	<p><b><u>No residues are allowed in surface waters of the state, in concentrations or amounts that have the following effects: 1) may impair designated uses; 2) cause nuisance or objectionable conditions; or 3) result in undesirable or nuisance species.</u></b></p> <p>[MAY NOT, ALONE OR IN COMBINATION WITH OTHER SUBSTANCES, BE PRESENT IN CONCENTRATIONS OR AMOUNTS THAT: FORM OBJECTIONABLE DEPOSITS OR RESULT IN UNDESIRABLE OR NUISANCE SPECIES.]</p>

<p><b>(20) RESIDUES, FOR MARINE WATER USES: Floating solids, debris, sludge, deposits, foam, scum, or other residues (See note 13)</b></p>	
<p>(A) Water Supply                  (i) aquaculture</p>	<p><b><u>No residues are allowed in surface waters of the state, in concentrations or amounts that have the following effects: 1) may impair designated uses; 2) cause nuisance or objectionable conditions; 3) result in undesirable or nuisance species; or 4) produce objectionable odor or taste.</u></b></p> <p>[MAY NOT, ALONE OR IN COMBINATION WITH OTHER SUBSTANCES BE PRESENT IN CONCENTRATIONS OR AMOUNTS THAT: FORM OBJECTIONABLE DEPOSITS; CONSTITUTE A NUISANCE; PRODUCE OBJECTIONABLE ODOR OR TASTE; OR RESULT IN UNDESIRABLE OR NUISANCE SPECIES.]</p>
<p>(A) Water Supply                  (ii) seafood processing</p>	<p>Same as (20)(A)(i).</p>
<p>(A) Water Supply</p>	<p>Same as (20)(A)(i)</p>

(iii) industrial	
(B) Water Recreation  (i) contact recreation	Same as (20)(A)(i).
(B) Water Recreation  (ii) secondary recreation	Same as (20)(A)(i).
(C) Growth and Propagation of Fish, Shellfish, Other Aquatic Life, and Wildlife	<p><b><u>No residues are allowed in surface waters of the state, in concentrations or amounts that have the following effects: 1) may impair designated uses; 2) cause nuisance or objectionable conditions; or 3) result in undesirable or nuisance species.</u></b></p> <p>[MAY NOT, ALONE OR IN COMBINATION WITH OTHER SUBSTANCES BE PRESENT IN CONCENTRATIONS OR AMOUNTS THAT FORM OBJECTIONABLE DEPOSITS OR RESULT IN UNDESIRABLE OR NUISANCE SPECIES.]</p>
(D) Harvesting for  Consumption of Raw Mollusks or Other Raw Aquatic Life	Same as (20)(A)(i).

Notes:

13. **Considerations in deciding what constitutes a nuisance or an objectionable condition, an undesirable or nuisance species, or objectionable odor or taste, include whether the presence of residue** [IN DECIDING WHAT CONSTITUTES A NUISANCE OR AN OBJECTIONABLE DEPOSIT, ODOR OR TASTE, OR AN UNDESIRABLE OR NUISANCE SPECIES, THE DEPARTMENT WILL CONSIDER THE EXTENT TO WHICH THE PRESENCE OF RESIDUE]

(A) results in complaints from existing users; **or**

(B) is consistent with the intended use of the area as designated in a land use or other resource management plan adopted by a federal, state or local government. [; OR]

[(C) OTHERWISE IMPAIRS OR COULD REASONABLY BE EXPECTED TO IMPAIR EXISTING OR DESIGNATED USES OF THE WATER BODY.]

(Eff. 11/1/97, Register 143; am 4/29/99, Register 150; am 5/27/99, Register 150; am 6/22/2003, Register 166; am 6/13/2006, Register 178; am 9/1/2006, Register 179; am 9/19/2009, Register 191; am \_\_/\_\_/\_\_\_\_, Register \_\_\_\_)

**Authority:** AS 46.03.020                      AS 46.03.050                      AS 46.03.070

AS 46.03.080