## DEPARTMENT OF ENVIRONMENTAL CONSERVATION



18 AAC 70
WATER QUALITY STANDARDS

Public Review Draft, November 17 2010

Register \_\_\_\_, \_\_\_ 2010 ENVIRONMENTAL CONSERVATION

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

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

(A) Water Supply	Same as (8)(A)(i)
(iii) aquaculture	
(A) Water Supply	Same as (8)(A)(i).
(iv) industrial	
(B) Water Recreation	Same as (8)(A)(i).
(i) contact recreation	
(B) Water Recreation	Same as (8)(A)(i).
(ii) secondary recreation	
(C) Growth and Propagation of	No residues are allowed in surface waters of the state, in
Fish, Shellfish, Other Aquatic	concentrations or amounts that have the following
Life, and Wildlife	effects: 1) may impair designated uses; 2) cause
	nuisance or objectionable conditions; or 3) result in
	undesirable or nuisance species.
	[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.]

(20) RESIDUES, FOR MARINE WATER USES: Floating solids, debris, sludge, deposits, foam, scum, or other residues (See note	
13)	
(A) Water Supply	No residues are allowed in surface waters of the state,
(i) aquaculture	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.
	[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.]
(A) Water Supply	Same as (20)(A)(i).
(ii) seafood processing	
(A) Water Supply	Same as (20)(A)(i)

(iii) industrial	
(B) Water Recreation	Same as (20)(A)(i).
(i) contact recreation	
(B) Water Recreation	Same as (20)(A)(i).
(ii) secondary recreation	
(C) Growth and Propagation	No residues are allowed in surface waters of the state,
of Fish, Shellfish, Other	in concentrations or amounts that have the following
Aquatic Life, and Wildlife	effects: 1) may impair designated uses; 2) cause
	nuisance or objectionable conditions; or 3) result in
	undesirable or nuisance species.
	[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.]
(D) Harvesting for	Same as (20)(A)(i).
Consumption of Raw	
Mollusks or Other Raw	
Aquatic Life	

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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