

**SENATE BILL NO. 225**

IN THE LEGISLATURE OF THE STATE OF ALASKA  
TWENTY-FOURTH LEGISLATURE - SECOND SESSION

**BY SENATOR GARY STEVENS**

**Introduced: 1/9/06**

**Referred: Resources, Finance**

**A BILL**

**FOR AN ACT ENTITLED**

1 **"An Act prohibiting mixing zones in freshwater spawning waters."**

2 **BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:**

3 \* **Section 1.** AS 46.03 is amended by adding a new section to read:

4 **Sec. 46.03.065. Prohibition of mixing zones in spawning waters.** (a) The  
5 department may not authorize a mixing zone for lakes, streams, rivers, or other  
6 flowing fresh water in an area of

7 (1) anadromous fish spawning; or

8 (2) resident fish redds for

9 (A) Arctic char;

10 (B) Arctic grayling;

11 (C) brook trout;

12 (D) burbot;

13 (E) cutthroat trout;

14 (F) Dolly Varden;

15 (G) lake trout;

- 1 (H) landlocked coho, king, and sockeye salmon;  
2 (I) northern pike;  
3 (J) rainbow trout;  
4 (K) sheefish; or  
5 (L) whitefish.

6 (b) In this section,

7 (1) "lakes, streams, rivers, or other flowing fresh water" includes lakes,  
8 streams, rivers, or other flowing fresh water that have been altered by remediation or  
9 construction activities; the term does not include an artificially constructed facility for  
10 water, wastewater, holding, or channeling, unless the artificial facility is constructed  
11 for the purpose of facilitating fish spawning.

12 (2) "mixing zone" means an area in a water body surrounding or  
13 downstream of a discharge where the effluent plume is diluted by the receiving water,  
14 within which water quality standards specified by the department under AS 46.03.050  
15 - 46.03.120 may be exceeded.