

US EPA ARCHIVE DOCUMENT

# TALU Implementation Issues

NEAEB 2010

Newport, Rhode Island

Susan Davies

# Structure of WQS in Northeast

- Most have a ‘tiered’ feature (A, B, C, etc)
  - Usually tiers do not span an environmental condition gradient (with some exceptions)
- “Class A” frequently reserved for Drinking Water Use/Supply
- “Class B” frequently is “all-other” waters
- “Class C” frequently below Interim Goal and/or discontinued

| State | Water Supply | Aq.Life-BCG<br>303d list                        | DO(ppm)  |
|-------|--------------|---|--|
| CT    | AA+A         | (1)-4   | <u>AA A B</u><br>5 5 5   |
| MA    | A            | (1)-4   | <u>A B C</u><br>6 6 5  |
| ME    | AA+A+B+C     | A: (1)-2<br>B: 2-3<br>C: 3-4                    | <u>A B C</u><br>ANO 7 5  |
| NH    | A+ B         | (1)-4   | <u>A B</u><br>6 5  |
| RI    | AA           | (1)-4   | <u>AA A B B1 C</u><br>5 5 5 5 5  |
| VT    | A1+A2        | A1: 1-2<br>A2: 3-4<br>B1: 2-3<br>B2 and B3: 2-4 | <u>A1 A2 B1 B2 B3</u><br>ANO 7 7 7/6 7/6<br>(CW/WW)                        |
| NY    | AA+A         | ?   | <u>AA A B C D</u><br>-----7/6/5----- (designated<br>salmonid/non-salmonid) |

# ANTIDegradation- means

*“stop things from degrading”-  
right?*

So how're we doin'??

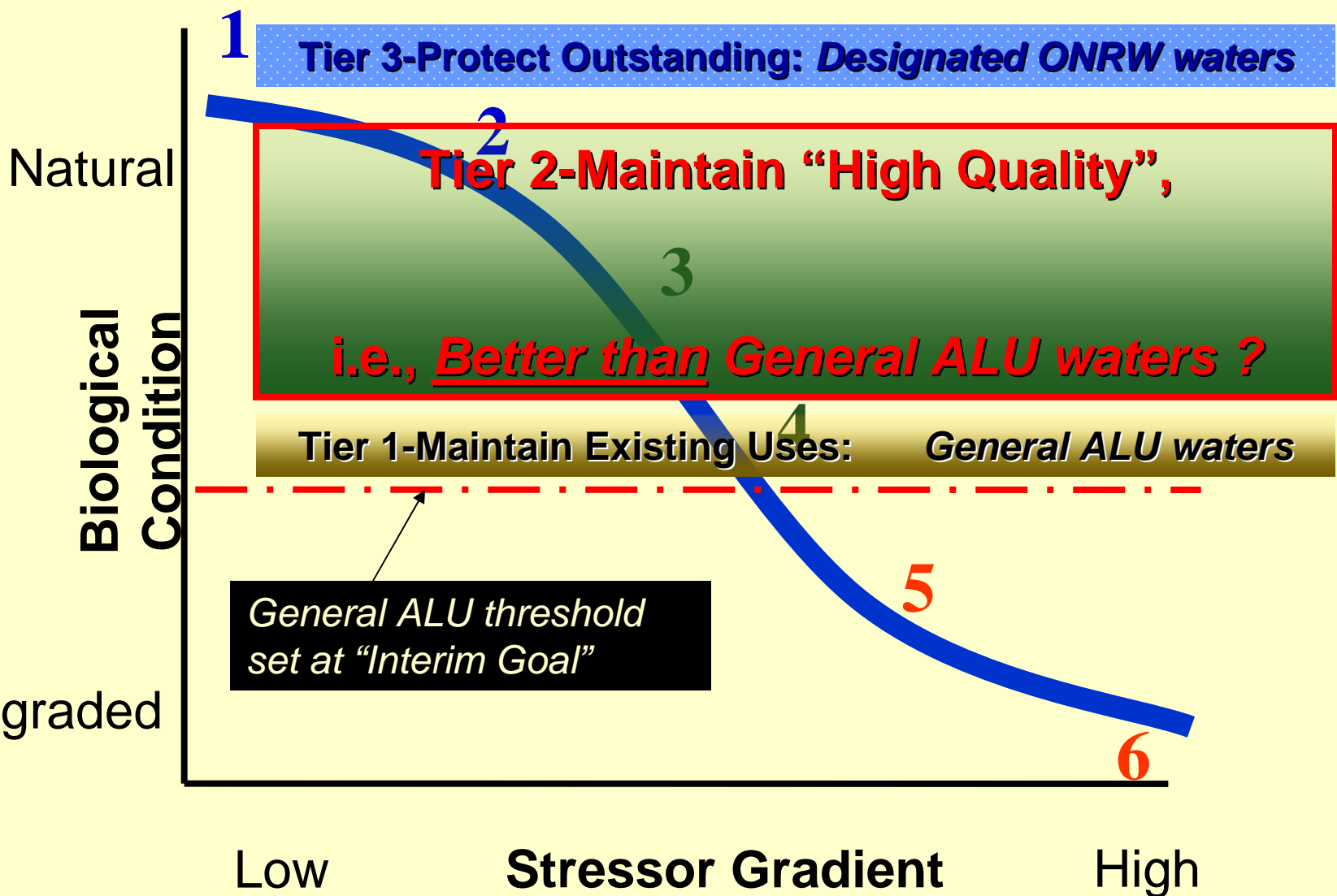
# CWA Antidegradation “Tiers”

- Tier 1 – protect existing uses – no activities that lower water quality necessary to support existing uses.
- Tier 2 – maintain high quality waters – avoid or minimize lowering of the water quality that exceed standards unless... show that the increase is *necessary...or provides important economic or social development* to the community
- Tier 3 – protect outstanding waters – strict protection, no degradation allowed

# Anti-deg Problems

- Conversational confusion
  - Jargon, speaking in code
    - Tier 1? “Existing Uses”?
    - Tier 2? Tier 2 ½? Tier 3?
- It doesn't seem to be working for aquatic life or habitat
- The NGOs are noticing

# General ALU and Antidegradation



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# Antidegradation and ME TALUs

