



**BAY PLANNING COALITION**

**Use and Permitting of Treated Wood  
In the S.F. Bay and Estuary  
Educational Seminar**

Thursday, June 3, 2004

8:45 a.m. – 4:00 p.m.

URS Corporation

1333 Broadway, Suite 800, Oakland

- 8:45 – 9:00      **Registration**
- 9:00 – 9:15      **Welcome and workshop goals** – *Ellen Johnck, Executive Director BPC*  
***The seminar committee developed the following goals:***
- BPC – Development of consensus on the use and permitting of treated wood in marine environments based on the best available science, including consideration of BMPs, treated wood alternatives, and their costs.
  - NOAA - Dissemination of scientific information on the use and permitting of treated wood in estuarine environments leading to policy development or guideline adoption. Discuss what information the permit applicant needs to know and provide to the regulatory agencies.
  - USACE – Development of a threshold/standard for large versus small projects using treated wood. Establish a mechanism to provide relief for smaller project sponsors, particularly for use of treated wood in framing.
  - WWPI – Development of guidelines on where and when treated wood can be used. Agencies and industry should work together to create achievable standards and guidelines on when and where treated wood can be used based on the best available science and risk-based assessments.
- 9:15 - 9:45      **Treated wood – uses, applications and alternatives**
- I. ABC's of treated wood (15 mins) – Dennis Hayward, WWPI
  - II. Contractors (10 mins) – B.K. Cooper, Cooper Crane and Western Dock
  - III. Questions & Answers (5 mins)
- 9:45 – 10:00      Break
- 10:00 – 11:45      **State of the science – what are the potential environmental effects? What do we know and where are the data gaps?**
- I. S.F. Bay - Ambient levels of Copper (10 mins) – Don Yee, Ph.D., SFEI
  - II. 303(d) – the listing and delisting of copper in S.F. Bay (10 mins) – Richard Looker, RWQCB
  - III. The Toxicity of Copper (25 mins) – Tracy Collier, Ph.D., Northwest Fisheries Science Center



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- IV. Understanding and managing the environmental risks associated with the use of pressure treated wood in sensitive environments. – Kenn Brooks, Ph.D., Aquatic Environmental Sciences (45 mins)
- V. Questions & Answers (15 mins)

11:45 – 1:00 Lunch (no host)

1:00 – 1:35 **Permitting – what are the current procedures**

- I. USACE – 404 permitting – Andrew Muss, USACE (10 mins)
- II. NOAA Fisheries – ESA and EFH consultation - Joe Dillon, NOAA (10 mins)
- III. RWQCB – 401 Certification – John West, RWQCB (10 mins)
- IV. Questions & Answers (5 mins)

1:35 – 3:00 **Tools for solutions**

- I. Treated wood applications, emerging technologies and practices ( e.g. BMPs, certifications, materials, framing)
  - Dennis Hayward, WWPI (10 mins)
  - Randy Baileys, J.H. Baxter & Co. (10 mins)
  - Treated Wood Alternatives
    - Mike Wallace, Crane Materials International (10 mins)
    - Harry Jones, Bellingham Marine ( 10 mins)
- II. The risk assessment process for determining the suitability of pressure treated wood projects in sensitive environments.– Kenn Brooks, Ph.D. Aquatic Environmental Sciences (15 mins)
- III. Science & Decision-making – economics and cost-benefit analyses – panel dialogue (15 mins)
- IV. Questions & Answers (15 mins)

3:00 – 3:15 Break

3:15 – 4:00 **Pathways to Resolution – Moderated Q&A, Ellen Johnck, BPC**

- I. Memorandum of Agreement
- II. Programmatic/regional permits
- III. Other