

HOUSE COMMITTEE ON WATER

February 14, 2005 Hearing Room 357

1:00 P.M. Tapes 25-26

Corrected 10/17/05

MEMBERS PRESENT: **Rep. Bob Jenson, Chair**

Rep. Jackie Dingfelder, Vice-Chair

Rep. Phil Barnhart

Rep. Alan Brown

Rep. Billy Dalto

Rep. Carolyn Tomei

MEMBER EXCUSED: **Rep. Jerry Krummel, Vice-Chair**

STAFF PRESENT: **Sandy Thiele-Cirka, Committee Administrator**

Elizabeth Howe, Committee Assistant

MEASURES HEARD: **HB 2025 – Work Session**

These minutes are in compliance with Senate and House Rules. Only text enclosed in quotation marks reports a speaker's exact words. For complete contents, please refer to the tapes.

TAPE/#	Speaker	Comments
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TAPE 25, A

002	Chair Jenson	Calls the meeting to order at 1:05 p.m. Opens a work session on HB 2025.
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HB 2025 – WORK SESSION

- 008 Sandy Thiele-Cirka Committee Administrator. Highlights written testimony submitted without public testimony opposing HB 2025 (**EXHIBIT A**), and an informational packet on fluoridation (**EXHIBIT B**).
- 025 Chair Jenson References written testimony submitted by Lynne Campbell, Executive Director of Oregon Citizens for Safe Drinking Water, in opposition to HB 2025 (**EXHIBIT C & EXHIBIT D**). Announces a presentation by the proponents of HB 2025.
- 057 Michael Meredith, Ph.D. Biochemistry, Toxicology and Pharmacology at OHSU; Integrative Biosciences, School of Dentistry. Testifies in support of HB 2025.
- 067 Rep. Gordon Anderson House District 3. Proposes -2 amendment to HB 2025 (**EXHIBIT E**). Discusses fluoridation, percentages of fluoride coverage, and the benefits of fluoridation. Explains support of amendments to HB 2025.
- 108 Chair Jenson Asks for questions, and invites Dr. Meredith to testify.
- 117 Meredith Discusses his background in fluoridation, and the difficulties in researching the effects of fluoridation.
- 141 Meredith Offers quotes about statistics, and the possibility for confusion relating to the statistics. Illustrates benefits of fluoridation.
- 215 Meredith Asks for questions about toxic materials.
- 235 Meredith Refers to testimony (**EXHIBIT A**), and provides his personal perspective on why it is invalid.
- 269 Meredith Continues discussion on opposing argument that the government is medicating without consent.
- 291 Rep. Barnhart Asks about heavy metal in fluoride.
- 307 Meredith Responds and reviews that different sources of fluoride, and the dangers that come with the source of the fluoride.

- 354 Meredith Continues discussion of fluoride and heavy metals.
- 368 Rep. Barnhart Expresses belief that adding any amount of heavy metals to drinking water is inappropriate.
- 388 Meredith Explains how low levels of heavy metals are not dangerous, and that fluoride is associated with the metals that often accompany it.

TAPE 26, A

- 022 Meredith Returns to discussing opposing testimony (**EXHIBIT A**) and explaining why the studies used are illegitimate. Explains that fluoride is safe, and concludes his testimony.
- 089 William Maas, D.D.S., M.P.H. Director, Division of Oral Health, Centers for Disease Control (CDC) and Prevention. Submits written testimony (**EXHIBIT F**) and testifies in support of HB 2025.
- 126 Maas Discusses benefits of fluoridation, and current scientific evidence.
- 146 Maas Discusses current studies of high levels and recommended levels of fluoride, and illustrates benefits of fluoridation.
- 192 Maas Explains fluoride intake in different communities, and problems that can occur in cases of high intake.
- 233 Maas Discusses the sources of fluoridation studies, and which are legitimate.
- 255 Kip Duchon, P.E. Environmental Engineer, CDC. Provides his professional background. Discusses engineering issues regarding fluoride. Submits and presents written testimony in support of HB 2025 (**EXHIBIT G**).
- 313 Duchon Explains and discusses fluorocilic acid, toxicity, risk, and quality standards.
- 362 Duchon Describes the organizations that research, maintain, and ensure the safety of fluoridation.

395 Duchon Purports that fluoride is safe, and that thorough research has been conducted.

TAPE 25, B

001 Duchon Explains the chemistry behind fluoride.

022 Rep. Tomei Refers to page four (**EXHIBIT G**), and asks for clarification relating to chemistry.

032 Duchon Explains the chemistry that makes fluoride safe to drink.

074 Duchon Continues chemistry discussion.

080 Maas Provides detailed clarification on how fluoride molecules react in drinking water.

121 Duchon Explains why certain fluoride products are used.

130 Rep. Dalto Refers to testimony about 40 examples of water additives on page two (**EXHIBIT G**).

134 Duchon Offers list of water treatment additives.

175 Rep. Dalto Asks if people express concern about other additives in drinking water.

182 Duchon Comments that some people mention chlorine taste, and explains why additives are safe and held to high standards of safety.

190 Rep. Dingfelder Asks for clarification on whether the Environment Protection Agency (EPA) sets standards for fluoride.

200 Duchon Explains why the EPA no longer sets the standards, and why CDC has the responsibility.

220 Maas Adds information about regulatory agencies, the role of the CDC to provide credible information, and how fluoride is regulated.

254	Rep. Dingfelder	Notes personal resources from the American Water Works Association (AWWA). Asks who is responsible for advising the AWWA.
268	Duchon	Discusses AWWA and NSF International and their roles in fluoride and public health.
301	Rep. Dingfelder	Relates that Lucier Chemical Enterprises (LCI), Ltd.— The Fluoride Specialists have product data sheets, and notes that the three products used for fluoridation have heavy metals.
316	Duchon	Explains that the EPA does not expect present zero level standards.
325	Maas	Adds that the EPA levels are goals, and stresses that a zero level standard is immeasurable and unattainable.
345	Rep. Dingfelder	Notes that one product has a higher level of lead, and hopes that the other products are used.
358	Duchon	Discusses data on product sheets put out by companies.

TAPE 26, B

005	Duchon	Continues discussion of product data.
029	Rep. Dingfelder	Notes a request for assistance by the federal EPA regarding the measuring of silicates in drinking water.
034	Duchon	Explains that the EPA wanted to provide support to the National Resource Council Committee (NRC) which is looking at the reassessment of fluoride at the maximum contaminant level.
039	Maas	Explains discussion by scientists about potential dangers of fluoride, and the following call for a study by a qualified scientist.
065	Rep. Dingfelder	Asks for results of study.
066	Maas	Presents brief summary of results of study.
082	Duchon	

Adds that EPA chemists have determined that all reactions take place very quickly.

091	Maas	States that the study was peer reviewed.
093	Rep. Barnhart	Refers to personal charts and asks how much fluorocilicic acid is diluted in drinking water.
103	Duchon	Offers percentages of fluorocilicic acid concentration.
123	Maas	Discusses Irish study analyzing levels of contaminants in water.
138	Duchon	Explains procedure for determining minimum detectible levels.
157	Rep. Barnhart	Asks for clarification about fluorocilicic acid levels.
183	Duchon	Discusses levels that can be detected in water, before and after dilution.
206	Maas	Relates study in Colorado about detecting heavy metals in water.
216	Duchon	Defines “zero” in contaminant levels.
220	Rep. Dalto	Mentions bottled water and the possible contaminants in it.
224	Duchon	Asserts that bottled water is unregulated in all of its health effects.
240	Chair Jenson	Acknowledges appreciation to the panel.
243	Chair Jenson	Invites Dawn Phillips to present Rep. Krummel’s amendments.
250	Dawn Philips	Chief of Staff, Rep. Krummel, House District 26. Offers Rep. Krummel’s background. Presents -1 amendment (EXHIBIT H).
302	Chair Jenson	Asserts that the appropriate agency has not been provided.
310	Philips	Replies that the agency can be changed.

- 313 Rep. Brown Asks about start-up cost of water fountains.
- 317 Philips Answers regarding the ORS statute regarding administrative rules.
- 324 Chair Jenson Reviews -1 and -2 amendments.

The following prepared testimony is submitted for the record without public testimony:

- Kelly Scannell
Brooks City of Eugene. Submits written testimony in opposition to HB 2025.
- 357 Chair Jenson Discusses local control. Announces that there will be no vote today. Closes work session on HB 2025. HB 2025 is rescheduled for a work session on Wednesday, February 16, 2005.
- 378 Chair Jenson Adjourns the meeting at 2:53 p.m.

EXHIBIT SUMMARY

- A. **HB 2025, written testimony in opposition, staff, 36 pp**
- B. **Fluoridation, informational packet, staff, 26 pp**
- C. **HB 2025, written testimony in opposition, Lynne Campbell, 2 pp**
- D. **HB 2025, written testimony in opposition, Lynne Campbell, 3 pp**
- E. **HB 2025, -2 amendment, Rep. Anderson, 1 p**
- F. **HB 2025, written testimony, William Maas, D.D.S., M.P.H, 7 pp**
- G. **HB 2025, written testimony, Kip Duchon, P.E., 6 pp**
- H. **HB 2025, -1 amendment, Dawn Philips, 1 p**

Material submitted for the record without public testimony:

- I. **HB 2025, written testimony, Kelly Scannell Brooks, 1 p**