



Health Nail Salon Initiative

EPA Region 10



Hmm...





Picture this...



Healthy Nail Salon Initiative



What about this...



Healthy Nail Salon Initiative



The Industry

- 6.5 Billion Dollar Industry
- 1200 Salons in WA in 2005
- 7,300 licensed technicians



The Workers

- 38% Vietnamese
- 94% Females, most of a reproductive age
- Most earn less than \$17,000/year
- Many Work 10 hours days



The Clients

- 94% Female
- 72% Use services every other week
- 87% 18-45 years old



Salon Services Offered

➤ Manicures

- Cutting, filing, polishing, cleaning

➤ Artificial Nails

- Tips, acrylic, wraps, gels

Trend move from manicures to artificial nails



Occupational Hazards

- Eight chemicals are HAPS
- Highly volatile solvents- nervous system effects, reproductive hazard, respiratory irritant
- Phthalates- reproductive hazard
- Formaldehyde- carcinogen, asthmagen



MMA/EMA

- MMA
- Acute- irritant, allergic reaction, lung damage
- Chronic- asthma, lesions on kidney, liver,
- Teratogen, CN system
- EMA
- No safe level as yet determined
- More expensive than MMA



HNSI Partners

- 5 EPA Offices
- Over 40 on the West Coast
- Cross Media/Program
- Multi-jurisdiction, Industry, NGO



Leveraging Resource

➤ Grants

- Indoor Air Quality
- Environmental Justice

➤ Contracts

- Office of Air and Radiation
- Community Air Team

➤ FTEs

- King County Waste Management



How we started

➤ All Day Workshop

- MA Nail Salon Project
- Challenges (Technical, Economic, Social)
- Alternatives



How we started

➤ Matrices

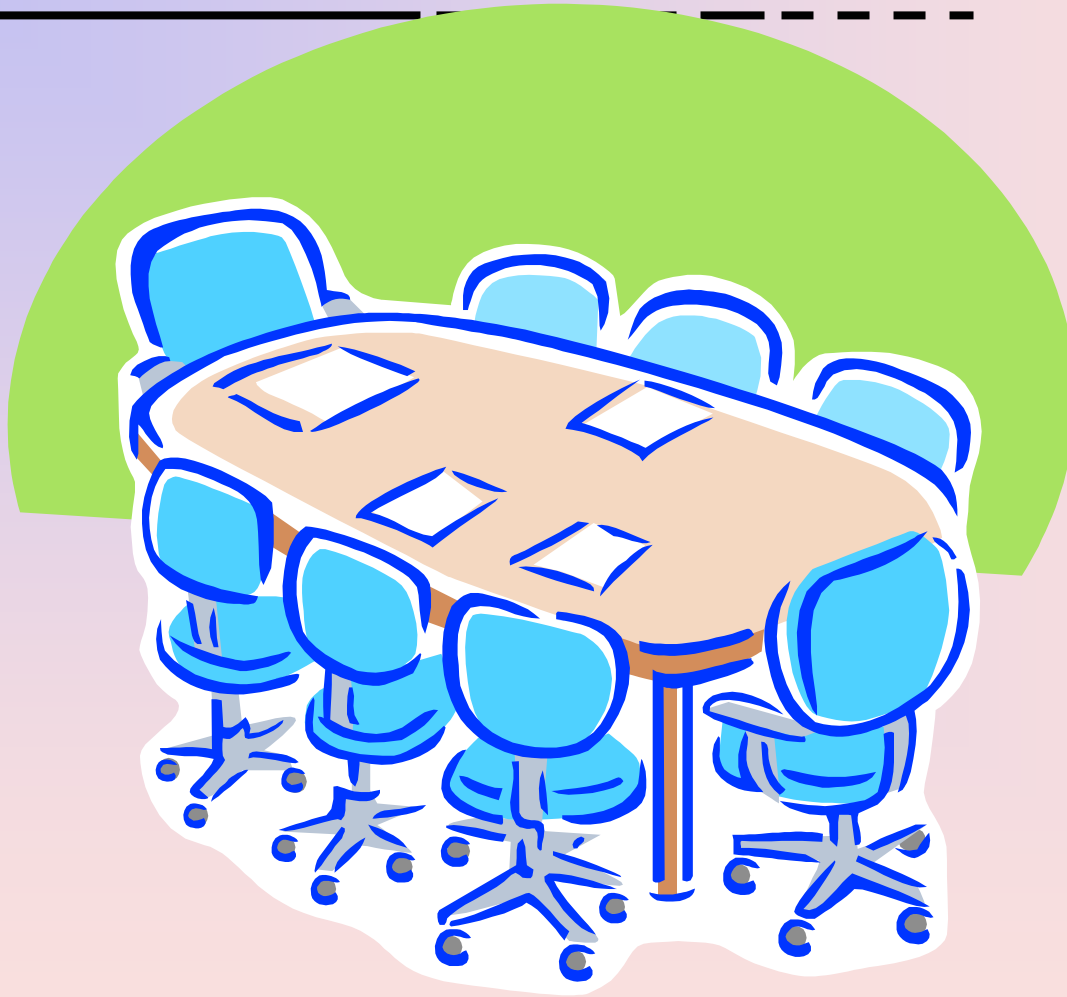
- Regulatory
- Participant

➤ Evaluation and Feedback

➤ Follow-up Meetings



WE ARE CONVENORS!!!



Healthy Nail Salon Initiative



What about now?

- Convene monthly meetings
- Each meeting includes educational components
- Form topical work groups



Educational Components

- Thurston County Perchloroethylene Proj.
- DOL and Cosmo Board
- LNI
- ECOSS & CCEJ
- Seattle/King County LHWMP



Thurston County Perchloroethylene Project

- Originated with dry cleaner odor complaints
- Partner with WA DOH
- Perc levels below PEELS but above health based standards
- Found & fixed leaky machinery
- Possible model for nail salons



DOL & Cosmo Board

- Published EPA booklet articles in *NW Stylist* magazine
- Powerful oversight capabilities by law
- Currently undergoing rule writing
- Open to public comment
- Receptive to HNSI input



LNI

- Share Hazardous Communications website
- Offered to meet with DOL inspectors
- Offered to provide worksite trainings at nail salons



ECOSS & CCEJ

- Past experience compliance assistance
- Vietnamese interpreter
- 75 letters to salons
- Site visits to 20 salons
- Initiate visits with beauty supply distributors
- Partner with HNSI



Seattle/King County LHWMP

- Increased FTE
- Research city/county ventilation regs
- Air testing
- Site visits
- Vouchers for green salons



Group Projects

- Share information within state, region, and nation
- DOL curriculum feedback
- Regulatory Matrix
- Extend partnership to green salons



Success

- DRA Article
- Seattle P.I. Front Page Cover Story
- Good Morning America
- State Senator Letter



Success

- Follow-up article in P.I.
- Panelist for EPA Community Involvement Conference



Next Steps

- Oregon Workshop

- Outreach to Local Nail Salons

- Develop Training Material for
 - Consumers
 - Workers and Owners
 - Distributors and Manufacturers



Eventually...

- Model Nail Salon in King County
- Regulation/Legislation
- Continuing Education Class