

#### Health Nail Salon Initiative

**EPA Region 10** 



# Hmm...





### Picture this...





### What about this...





# 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

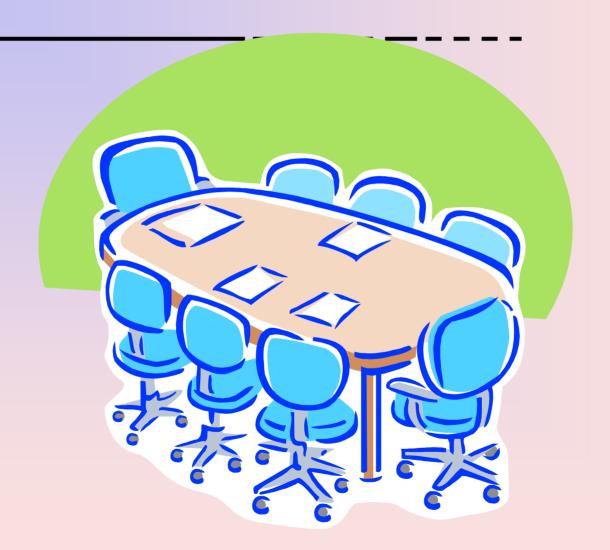
- > Matrices
  - Regulatory
  - Participant

➤ 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 PELS 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