

Source - Lead - Dept. Health Gov. of Washington

2 Screening -

begin Oct 1970

(-7410) (676-7410) Telephone to see for messages.

(1) Doing Planning Action
(2) Effectiveness Evaluation of agencies

Review -

and, the EPA Reg. on eliminating Pb in gasoline - over a 4 year period.

12-15,000 children retarded per year.

Kennedy - found that more effective than Air Act -

Just means with mobile - focus on Pb in gasoline.

Chlorine

Focus on Effects

Focus on Pb points but is used in other things - Gasoline Fuel

Increasing clean that Pb in dust is a significant problem -

Waste -

- study - children with higher lead level - had more dust.

Introduction of good housekeeping is needed -

Also intensified by stress -

LIA-75135

In Germany & Finland - Pb in paint prohibited in 1930 & they don't see Pb poisoning -

Maintenance of housing -

Children do about more than adults -

50% Abs -

18-45 years

Effect of Pb intake by automobile fumes - what is found in City is not same

not a major contributor to childhood

may be too high -

Child - 500 ug DPPE - too high for preservation of health -
based on 5000 ug -

Child - 56 Pb in garden due to paint it is Pb in dust -

Good nutrition is very important -

dehydration excretion is reduced

- absorption is increased

- could more & exposed more -

Pb-K ^{small} disturbs Child -

in levels in 30 - needs to be explored further

Workshop Housing - 402
Other sources - 406
Edu - 410
Legislation - 404

LIA-75136

Chisolm → El Paso →

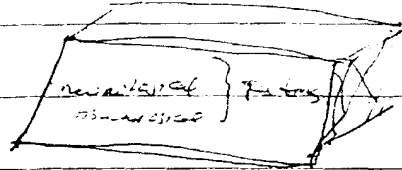
whether or not a significant correlation

3,500 per day - Po - and -

.....

Available - 1000 - 1000

1500



- Abi, 9 Pl.

Essentially identical

2000

2. Pass - Sample, 2, 1005.

straight dist

My No of 127 - Den. of Foods.

etc. - μ_{H} - P_{H} is inserted in form -

Guidelines for Milk →



Adam Foster - City Council -

Fumes out of gas tank -

Ab client participate in photokinetic series -

3. 9. 11 - C.B.3 46774

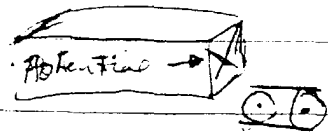
25m 10474

ism - 74

Long history

Prokinetic

Co-Tolp



may be - potential problem -

It seems that in a trading ph- ^{for} where there is a lot of spread

With Pops - Tech - location -

via 10, 100 -

Increased
activity

Chlor -

42,000 Total Pop - 1-6
P2270 elements (about 100)

42,500 -

In the 1/10 - 73 - 1270

12 Clinics

10 cases of acute symptoms/yr

629-3052 - In structure -

Dr. Peacock -

Adams -

Propose ~~that~~ ~~to~~

Propose considering legislative action on local scale

to assure that ceramic ware ~~ware~~ is properly controlled,

~~and~~

Propose

Pb in new paint $\rightarrow$ Pb in Repetition.

2000 $\rightarrow$ 1250000 - mm 50% absorption.

10 mg/kg/day - blood Pb up to 70-80 μ g/100g

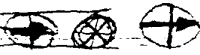
Drinking

25000 $\rightarrow$

15 mm -

405 μ g $\rightarrow$

Casins-

← Resolutions 

LIA-75141

The Lead Industries Association ~~is~~ supports the
~~the~~ objective of this Conference, which is to eliminate
lead poisoning ~~to reduce lead~~ ~~among children~~ from the
District of Columbia and throughout the United States.
~~As a~~ A continuing part of our interest in the
community, we have for many years, both alone and
in cooperation with government, professional, industrial
and academic groups, worked towards the elimination of the
toxic problem of lead poisoning in children.

While this particular workshop session is
concerned with possible sources of lead contamination
other than from flaking paint, ^{we feel that it is important} ~~we must be careful~~,
to keep our discussion in perspective and not lose
sight of the fact that the ingestion of ~~a~~ ^a old ~~poison~~
highly-leaded peeling paint chips is the major, ^{and exact} ~~most~~

^{a small number of} ^{characterized} isolated incidents, the ^{sole} cause of lead poisoning in children

Any session dealing with non-paint sources of lead will

undoubtedly include lead from autoemissions and lead in soil and diet, ^{if you} not

^{no other} reason than for the controversy and emotionalism centered around

the issue. ^{A lot of} ~~Some~~ of the research efforts ~~have~~ been involved

in evaluating ~~the~~ the significance of lead in gasoline on health.

We sponsored, along with the USEPA & the American Petroleum

Institute, the 7-Cities Study, which was conducted by the Div. of

Cin. Research Laboratory. This study of which involved 4 women

volunteers ^{showed} ~~did not~~ ^{that over} ~~show any significant~~ ^{relationship} between ~~air levels and blood lead~~ ^{air levels}

~~levels~~ ^{the} range of air lead level of app. $0.17 \mu\text{g}/\text{m}^3$ to $3.39 \mu\text{g}/\text{m}^3$

airborne lead had ~~no~~ little or no impact on blood lead concentration.

The emphasis on lead in gasoline has shifted somewhat in the

last 1-2 years to concern about the lead content of dust and

dirt in and near homes with small children. ~~in fact~~

~~it is~~ This has been a major part of the argument to reduce ~~the~~

~~amount of~~ lead in ^{lead in garden} ~~in the~~ assumption that ① children ingest

significant quantities of such ^{ed dust} dust (2) such ^{the dust and dirt is} ~~dirt~~ is biologically

available to a significant extent, and ③ such ^{ed dust} dust arises from

automobile exhaust. We have been sponsoring research ^{designed} ~~to~~ to

evaluate the contribution of lead in soil to ~~exposed~~ lead absorption in

children. On such study, the results of which were presented

at the recent EPA-NIEHS sponsored Conference on Low Level Lead

^{under the direction of} ~~Dr. Donald B. Hasp~~, who is Europe's Dr. Chisum, ^{leading}

Toxicity, involved looking at populations of children in low lead in

soil areas and high lead in soil areas. The low lead in soil

LIA-75144

areas consisted of ~~the~~ lead in soil concentrations of approx. 500 ppm while

the high lead in soil areas were ^{in the order of} ~~as high as~~ 10,000 ppm. The authors

concluded that "local soil lead levels of the order of 10,000 ppm are without ~~any~~ major significance and that recent concern with regard to contaminated soils in cities is not well founded. At the same conference, Dr. Vostal of the University of Rochester presented results of ~~and~~ measurements of lead in samples, ^{at dist} obtained by wiping window sills, floor, and walls of houses. It was shown that old housing in the inner city had very high lead contamination, but new housing, although exactly in the same area, and in the same innermost had much lower lead - comparable to the suburbs. Dr. Vostal indicated that the contamination was probably not coming from airborne lead from automotive exhaust gas, but ~~for~~ was associated with lead in paint.

his conclusions on
 In ~~concluding~~ the Conference, Dr. Emil O. F. Tser, who ~~was~~ presided the

overseen stated:

"The Preponderance of evidence also identifies
 lead in paint, plaster, and dust in older housing
 as the major sources related to current health
 problems although substantial efforts are being
 made to identify and control other sources."

For a large number of years, ^{on continuing basis,} we have ^{supported} ~~also been~~

research to assess the safety of lead glazes and to further understanding of
~~concerning research designed to identify the parameters~~

the parameters

which affect the acid resistance of ceramic glazes. This

research has shown that certain processing variables within
 the glaze formulation, application and firing operations have
 major influence on the resistance of glazes to acids. ~~with~~

occasional episodes of lead intoxication has resulted from the use of improperly fired and improperly formulated glazes in ceramic ware. These cases have usually resulted from the use of a poorly glazed vessel for acidic beverages consumed regularly and in large quantities over a long period of time. Also, in most instances the pieces have been imported ceramic ware ^{a hobby ceramic ware} commercial present day glazes do not ~~now~~ present any health hazard. It has been stated that the FDA considers ^{that} the present ~~test~~ standard of 7 ppm ^{for lead} ~~maximum~~ ~~concentration~~ is measured by a ~~simple~~ standard method for determination of lead extracted from glazed pottery ~~maintaining the water and~~ affords the consumer the necessary protection and at the same time the industry

is producing ceramic ware well below the allowable limit.

However, since the FDA standard applies only to interstate commerce and not intra state, many states are considering ^{or are in the process of enacting} legislation.

Of more concern than the commercial potters, is the ~~hobbyist~~ nonprofessional engaged in the production of glazed ceramic ware. Also, it ^{is} ~~becomes~~ more difficult to ^{inform} ~~warn~~ the hobbyist. We have prepared a booklet entitled "Facts About Lead Glazes for Art Potters and Hobbyists" which is a layman's version of ^{our} ~~the~~ research results, ^{and have distributed this to the various craft fairs} we have recommended that the hobbyist ~~for~~ design and fire only decorative pieces.

If the hobbyist is at all uncertain of his ability to

control the end use of his product, then he should make any

items useless for food and beverages by drilling one or more holes

up the sides or in the bottom.

Other efforts, although not directed toward identifying

other sources, which I was charged to do, but is directed towards

the prevention of pediatric lead poisoning have included ~~the~~ ^{efforts}

~~developing~~ to develop better and ^{simpler} ~~with~~ screening tests. The

aims of the program are several, including ① at the public

health level, to determine the best means of ~~the~~ incorporating

screening techniques into regular well child care for the

early detection of significant increased lead absorption and

the prevention of clinical lead poisoning. ② In lead follow-up

clinics use screening techniques to monitor children with Pica

and increased lead absorption in order to prevent recurrences

and to identify them ~~with~~ in need of chelation therapy

Also, in order to improve care finding and education

we have provided large amounts of education material to hospitals,

community health clinics, nurses, and groups such as the one.

If we really wish to prevent lead poisoning, we

have to recognize it also as a housing problem. It is a complex

problem which requires the cooperative effort from a great

variety of organizations.

202 - 935 - 4152

Combining a things together -

Enc. Workshop - Talked about issue that panel might be seen as

part - on particular position -

For each - concerned that Comprehensive view

No problem of membership and

(in the situation -)

MES
Isomatus

R.C. B. Thak - to see a presentation in that way -
In the other area - of the Dr. Ten Haaas -
A diff view of other presentations

the other - Representation - might be involved →

Some knowledge is

could be this as being a major area - want to get by
identify other sources -

not enough → eliminate other sources of ab.
feels

only about 13 people in the group →

30 - 35 in others →

Recognize that not much thought put into that particular area

If able to eliminate - the board panel - is how come they see it -

McCah call ^{MRS.} ~~MRS.~~ Kelly -

Rosen Smith Hotel → Rooming hotel is
almost in Georgetown - Rooming
Town is for getting a cab.
area is for 24 24 St.
23 St.
2 blocks

LIA-75151

Mrs. Egnatius

Call Dr. Look on to what was

Washington District Area -

had (personals)

Ed,

Hissins

Other Source

collaboration

⑤ medical community Treatment Protocol

Health Providers - on going consultation -

Dr. McCabe - ^{dislike} ^{dislike} him charge that

not something →

Everyone has own career for a living

delegation of Problem - evidence to support this -
- Evaluate

Mr. Throat is with Pb bird print

Dr. Ted HARR point which she raised → Concerned abt him -

John Bates - HEW more cautious than ^{LIA is} we are

Talking to Mitchell - only want to Present Position - ^{not} depend it.

Mrs. Egnatius

write it

response for position things →

other to meeting →

Publication in Pottery -

Fish - milk - Mafafky -

APP 2:00 p.m.
Wed. Nov. 14

E.S.P.

George Warden ticket to Mrs. Skell's.

George got a program for the

Opening - Fred C. Green -
Children's Hosp.

Adj Pres - Kennedy - Cent & Soc.
- Children

S E, A

Lunch -

①. Series of panel discussions -

Housing - Pb point → N.C. - Dudley Anderson

← other sources of Pb - Albert C. Fritch -

Parents - child Dr. ~~transcript~~ ^{Ronald Lacey - Pres} ~~Parker~~

Legislation - Pills, Shook/ten - former district health

unscripted

Tues - workshops - morning

Casper withberg - Lunch

Chairman - Parents

LIA-75153

Increasing Pb absorption → forum, Cradock Pb h, 1976

30-50% of 20,000 children in Fred - Pb based paint - HZs from

House, street dust, soil, Pb water pipes, Pb is totally preventable.

possibility to meet with her - to Washington -

Sachs McCabe,

result of that - Friday

Present info on these things -

for info internal

Call Hasselberg - is in Washington

I f. could hear from input -

Conc. on the process.

Have any idea about legislation

During Conf. - interested in

Learn for elimination of Pb -

cannot find that people have any track records

may not have panelists -

Dr. Christen -

don't waste efforts on ~~it~~

Worth pressing →

How we would

I could call her → her no. at top →
where can get hold of her.

Pamphlet from EPA -

Public →

Health effects of Env. Pollution -

Ref to air poll - extremely low

hazardous, Hg, Bi, As, Pb -

{ but most evidence indicate → clearly, can be established }
high conc. of Pb in

{ Respond to this → Russell Train → }
maybe -
7 million of these

17C1

Discussed EPA Commitment - recently published booklet →
EPA had a budget →

LIA-75155

Cap Hall - →

Interesting, Development on Conference

→ Talked to Eamon Kelly
Gary - call up Secretary -

had a call from Dr. Bridgman

Panel was very over weighted & he suggested

Albert Fritsch - ~~was~~ (Chairman - of Panel)

would have to write

Hess said → Henrietta Sachs
might want to set in touch

Contact Dr. Green - If Fritsch is man
get a more balanced Panel →

Fritsch →

Ignored the brief filed as Friend of Court

Adams - Could set a precedent - nothing in C.A. Act which says
they have to name Ph. reg.

→ EPA →

Chairman →
Mrs. mae Bacon → Coordinate

Talked to Dr. K. Biddood
of E.P.A.

Absence of ind. involved →

Panel → how participated in that work session →

Role of Panel - 13 people who will be discussing

Talking + Doing Hospital Today →

Dr. Green -

Education & Housing →

These areas were directed to Problems

Will Admit → Budget,

Involvement

Everything is fragmented -

Bob
Butler
as
Dr. Pelt

is
Dr. Ter Haar - Coming → As a member of the panel

Dr. H. Michigan } French - design position paper

~~Dr. H.~~ N.C. } Biddood

Lunch Panel - 5-10 min Presentation -

Each Person - 5-10 min presentation

list other sources, talk abt documents about health
status in D.C.

Monday → Talk to Gary Dierckx +

In Work Group - These 13 people would deliberate

1-1 1/2 pages of what their research activities on
interact as to what

John
Bates
HFW

bring up other things based

Mykon
Melkon
Jon Mitchell

When talked to the for N.C. & Michigan - Position with him

By including people from Dept. -

EPA, Zook, → G.W. Van

Terhune, Sachs

Having a Comm. tomorrow - not of 14 or 20 particular people

OK → across -

R. Hernandez Hissling →

Foster

Total Panel Unit

D.C. -

Difficult to find

Other Sources

As far as we

not a lot of study →

Long Range effects

will have a lot of
meeting

Asked Dr. Chris/m - Data on hyperactivity? other interesting studies
being on

is a very small group - Scientists interested in participating, change into framework
The Panel

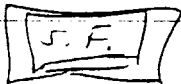
Panel ^{was} selected -

Task Force Identify issues & people who could

Identified A that Group → are having people who

Work Group

On/1 4/19 -

APHA in 

Dr. Green out on - Thurs.

Arrange some time during

Ed - ~~Ed~~ Cole →

rotation abt. cards

Several other imp. things

① Trip Rpt.

② met with ^{univ. of Wisc.} Food Institute,
Trainsman,

Timings are bad -

{ DeLuzio - uses
Gave report of on sketch - Infectious Diseases.
Lima/Us - no specifics of tests 15 things.
Test he bases - months with peptide.

In House - } Back - mice - immune system

Tried to repeat → mice remain healthy

Used identical mice & dosages - not able to repeat ^{test}

→ In this context → know of DeLuzio - does pretty good work
can only be repeated

Ed McCabe - getting in later that evening

2. Ch.

at 7:30 → 9:30 by 10:0

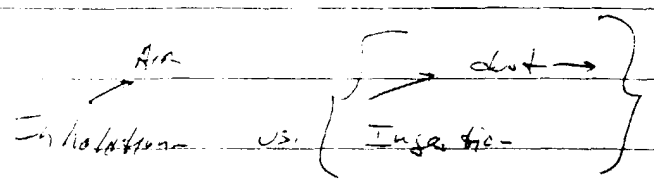
{ Use as a resource group for their screening program }
in addressing the childhood Pb. p

People in Oregon serve as an IHRG Consultant - to Certifying their proposal.

They had made mistakes - pleased in that are willing to

~~XXXX~~

Main points to play Sarsine thing down →



Non-point sources - not to lose sight of the major sources

Signs → in children -

Who is affected: children & ...
I. ...
Examination

Controls →

Pass for abolition for stay

① Conf - most imp. H & R.

Witten.

Perhaps should read -

McCabe

Ter Haar

Butler

Back Hep Study sponsored by us?

②. Cutlin - What is up to

32200 pieces

interested, if need support -

no commitment → Giffon app. UCLA - take over study, and, find out
mine → from guy in West Coast.

③.

④. A - EDC - No film

B - EDC - Presumably

C - Cdr. Task force

D - Rogers.

⑤

Pursey -

Herbules,
albany

Japan →

Eno. 1 1/2 days

June → Symposium in Japan -
I tai, I tai,

ph in Gaudin

LIA-75162

Umatta
Pres.

deficiency in vit D. caused osteomalacia in Kidney

not cases, cases not heard here - Kidney involvement

given info write f. V + D.

don

of execution before

Hemiparesis - Dec 13th

20 ton more Sulfide Ore

Improved Smelting - Clean operation.

negotiated? saw the water 5 workers above 70-90

Chlorine - nit on an 40

losing about plant

Nicase - in for 4 days →

Ext in 2 1/2 hours then

20 ton more sil 1700 ppm →

point - kids can't normally exit →

20 ton more sil →