

Working 400

Service - had leaving State Org of Washington

2 Screening Pass-

begin Oct 1970

(-7410) (676-7410) Telephone to give messages.

- (1) Dev of Plan of Action
- (2) Effectiveness Evaluation of objectives

Summary

and of the S.P.R. Reg on eliminating Pb in soil/air - over a 4 year period.  
 12-15,000 children Retarded per year -

Kennedy - found was missing - attached with report -

last meeting with meeting - focus on Pb in Gasoline -

Chisolm

Focus on Effects

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

Increasing Clean Lead Pb in dust is a significant problem -

Wastar -

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

Introduction of good housekeeping is needed -

Pb intensified by stress -

LIA-75135

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

Maintenance of housing -

Children do absorb more than adults -

50% Abs -

80% retention

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

not a major contributor to childhood

may be too high -

Child - 500 ug D.P.I. - too high for preservation of health -  
based on 50% abso -

Child - If Pb in garden does contribute it is Pb in dust -

Good nutrition is very important -

dehydration excretion is reduced

- absorption is increased

- excreted more & exposed more -

$Pb = K_{\text{disturbance}}$  <sup>stion</sup>  $Pb$  absorption -

in levels in 30 - needs to be explored further

Winkler  
Housing - 402  
Other sources - 406  
Eds - 410  
Legislation - 404

LIA-75136

Chisolm → El Paso →

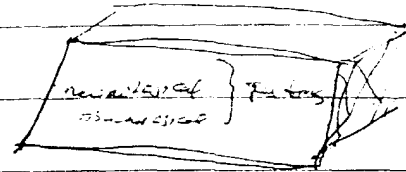
Whether this makes a significant contribution

3,500 ppm - Pb - and -

and -

Available -

1500 -



Abis. 9 Pb.

the man

2. Pb - Sample, 70% S.

street dust

Results identical

Mus. 100% - Pb. of Foods.

How much - Pb. is present in foods -

Guidelines for milk →



Kidman Foster - City Council -

Fumes out of gas tank -

Pb doesn't participate in photochemical smog -

Washington

2. 900 - 0.03 46, 74

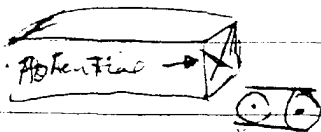
2.5m Jan 74

1.5m - 74

LIA-75137

- Polioinogenic -

Co Toxins →

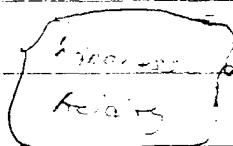


- may be - potential problems -

It seems that in an trading  $P_2$  - <sup>for</sup> which there is at least  $\frac{1}{2}$  parallel.

High Pipes - Tech - location -

via  $\frac{1}{2}$  for →



Chlorine - ~~2~~

42,000 Total Pop - 1-6  
P2270 elements (about 400)

42,500 →

In the 1/2 - 73 - 1270

12 Clinics

10 cases of acute symptoms/yr

629-3052 - In structure -

Dr. Peacock -

Adanson →

LIA-75138

Propose ~~and~~ ~~to~~

Propose considering legislative action on local scale

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

~~and~~

Propose

Pb in new print  $\rightarrow$  Pb in Rappetion.

2000  $\rightarrow$  1250000. mm 50 90 absorption.

10 m<sup>2</sup>/s/any - blood pres up to 70-80  $\frac{kg}{1000}$

Difference

25000  $\rightarrow$

15 mm -

2000  $\rightarrow$

Casual

← Resolutions



LIA-75141

The Lead Industries Association ~~is~~ supports the  
~~the~~ objective of this Conference, which is to eliminate  
lead poisoning ~~to ~~eliminate~~ ~~lead~~ ~~among~~ ~~children~~~~ from the  
District of Columbia and throughout the United States.  
~~It~~ As a continuing part of our interest in the  
community, we have for many years, both alone and  
in cooperation with governmental, 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, <sup>we feel that it is important</sup> ~~we must be careful~~,  
to keep our discussion in perspective and not lose  
sight of the fact that the ingestion of ~~a~~ <sup>a</sup> ~~old~~ <sup>old</sup> ~~paint~~  
highly leaded peeling paint chips is the major, <sup>and exact</sup> ~~of that~~

a small number of <sup>characterized</sup> isolated incidents, the ~~sole~~ <sup>sole</sup> 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, ~~not~~ <sup>it for</sup>

~~no other~~ <sup>the other</sup> reason than for the controversy and emotionalism centered around

the issue. ~~Some~~ <sup>A lot of</sup> of the research efforts ~~have~~ <sup>have</sup> been involved

in evaluating ~~the~~ <sup>the</sup> significance of lead in gasoline on health.

We mentioned, 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 ~~the~~ <sup>the</sup> women

showed ~~that over~~ <sup>that over</sup> ~~did not show any significant~~ <sup>showed</sup> ~~between air levels and blood lead~~ <sup>between air levels and blood lead</sup>

~~levels~~ <sup>levels</sup> ~~over~~ the range of air lead level of approx. 0.17  $\mu\text{g}/\text{m}^3$  to 3.38  $\mu\text{g}/\text{m}^3$

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

The emphasis on lead in gasoline has shifted somewhat in the

past 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~~

~~lead in gasoline~~ <sup>lead in gasoline</sup> amount ~~of~~ in the assumption that ① children ingest

significant quantities of such <sup>ed dust</sup> dust (2) such <sup>the dust and dirt is</sup> ~~dust~~ is biologically

available to a significant extent, and ③ such dust <sup>ed dust</sup> arises from

automobile exhaust. We have been sponsoring research <sup>designed</sup> ~~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

<sup>and the direction of</sup> ~~which was~~ <sup>Dr. Donald B. Hooper, who is Europe's Dr. Chisum, NIEHS</sup> 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 <sup>in the order of 15,000 ppm</sup> ~~as high as 15,000 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 time, Dr. Vostal of the University of Rochester presented results of ~~and~~ measurements of lead in samples, <sup>at dist</sup> 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 environment 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 ~~from~~ was associated with lead in paint.

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

over the stand:

"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, <sup>on continuing basis,</sup> we have <sup>supported</sup> ~~also been~~

research to assess the safety of lead glazes and to further understanding of  
~~conducting 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 <sup>a better ceramic ware.</sup> Commercial present day glazes do not ~~now~~ present any health hazard. It has been stated that the FDA considers <sup>that</sup> the present ~~test~~ standard of 7 ppm <sup>for lead</sup> ~~maximum~~ ~~concentration~~ is measured by a ~~different~~ standard method for determination of lead extracted from glazes ~~pottery containing toxic acids and~~ affords the consumer the necessary protection and at the same time the industry

⑦

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 <sup>or are in the process of enacting</sup> legislation

of more concern than the commercial potters, is the

~~hobbyist~~ nonprofessional engaged in the production of

glazed ceramic ware. Also, it <sup>is</sup> ~~becomes~~ more difficult to <sup>inform</sup> ~~inform~~

the hobbyist. We have prepared a booklet entitled "Facts

About Lead Glazes for Art Pottery and Hobbyists" which is

a layman's version of <sup>our</sup> ~~the~~ research results, <sup>and have distributed this to the various craft fairs</sup> 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

LIA-75148

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~~ <sup>efforts</sup>

~~developing~~ to develop better and <sup>stronger</sup> ~~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 to lead following

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 our funding 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 a cooperative effort from a great

variety of organizations.



202 - 935-4152

Getting a things together -

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

pre - or postcard picture -

For look - concerned that Comprehensive view

No problem of the other hand

[ph in sub in view -]

R. C. B. then - to see a presentation is that OK -

In the other area -

as to Dr. Ten Haares -

A diff way of other presentations

MRS  
Isom's

the other - Redistribution - must be pushed →

Some knowledge is

could be this as being a major area - must identify other sources -

not enough

eliminate other sources of ab.  
fedi

only abt 13 people in the group →

30-35 in others →

Recognize that not much thought put in that particular area

If able to eliminate - ph in other panels - Is how Comm. Sec. -

McCah call MRS. ~~MRS.~~ Kelly -

Rosen Smith Hotel → Room 14  
almost to George town - Room 14  
Tom is for a getting a cab.  
area is for 24-25.  
2384.  
+ block,

LIA-75151

Mrs. Ignatius

Call Dr. Look on to what was

Washington District Area

had (previous)

Ed,

Hessing

Other Source

containing

⑤ medical records - Treatment Protocol

Health Providers - on going consultation

Dr. McCabe - <sup>dislike</sup> him - claim that

not something →

Everyone has been coming in for a survey

Investigation of Problem - evidence to support this -

- Evaluate

main threat is with Pb based paint

Dr. Ted HARR - point when she raised → Concerned about him -

John Bates - H.E.W. more cautious than <sup>LIA is.</sup> we are

Talking to Mitchell - only want to present position - <sup>not</sup> depend it.

Mrs. Ignatius

write to

response for previous things →

offer to meeting →

Publication in Pottery -

Food - milk - Mafafky -

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

E.S.P.

George Warden ticket to ms. skills.

George got a program for the

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

At Press - Kennedy - Cont. & Soc.  
- Chisholm

S.E.A.

Lunch -

Series of panel discussions -

at Lunch time -  
some of these introduced to Task Forces.  
Inauguration of legislation -

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

← other sources of Pb - A/Bet C. Fritch -

Parents - child Dr. ~~Harold~~ Larry - Pro

Legislation - Pills, Shetler/ten - former district health

unspecified

Tues - workshops - morning

Casper with keys - Lunch

Chairman parents

LIA-75153

Increasing Pb absorption → forum, eradicate Pb by 1976

30-50% of 20,000 children in need - Pb based paint - 47% from

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

possibility to meet with her — to Washington —

Sachs McCabe,

Result Prior — Fridge

Recent info on these things —

forals, internal

Call Hasselberg — is in Washington

I f. could hear Sam right —

Conc. on the presence.

Have any idea about legislation

During Conf. - interested in

Comm for elimination of Pb -

concern that people have any track record -

may not have panelists -

Dr. Chirba -

don't waste efforts on ~~2~~

Worth passing →

How we would

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

Pamphlet from EPA -

Public →

Health effects of Env. pollution -

Ref to air poll - especially for

hydrocarbons, H<sub>2</sub>, B<sub>2</sub>, Ash, Pb -

{ but recent studies indicate → clouds, which are disturbed }  
high conc. of Pb in

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

JFC

Discussed EPA Commitment - reveals additional booklet →  
EPA had a budget →

LIA-75155

Cap Hall - →

Interesting, Development on Conference.

Gay - Call up Secretary.

→ Talked to Eamon Kelly

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 get 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 make phone

→ EPA →

Chairman →  
MRS. Mae Brown → Coordinate

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

Absence of ind. involved →

Panel → how participated in that work session →

Rule of Panel - 13 people who will be discussing

Talking + Doing Hospital Today →

Dr. Green -

Education & Housing →

These areas were directed to Problems

Will Admit → Better

Bob  
Butler  
or  
Dr. Post

Involvement

Everything is fragmented -

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

Dr. Michigan } French - design position paper

~~Dr. N.C.~~ } Briddood

Lunch Panel - 5-10 min Presentation -

Each Person - 5-10 minutes

Just other sources, talk abt documented adverse health ~~from~~  
sources 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

John  
Bates  
HFW

interact as to what

bring up other things based

Myron  
Melvin

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

By including people from Dr. Post -

EPA, Zook, → G.W. Davis

Terhune, Sachs

Having a Comm. tomorrow - not of 12 or 13 particular people

OK { across -

R. H. and Jim Hering →

Foster

Total Panel Unit

D.C. =

Difficult to find

Other Sources

As far as we can

not a lot of study →

Long Range effects

will have a lot of meeting

Asked Dr. Chisum - Do to on hyperactivity → other interactive studies being in

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



Panel <sup>was</sup> selected.

Task Force Identify issues people are told

↓ Identify A that Green → are having people who

Work Group

On 1/4/1971 -

APHA in J. F.

Dr. Green out on - Thurs.

Arrange some time during

Ed - ~~Ed~~ Cole →

rotation abt cards

Several other imp th

① Trip Rpt

② met with <sup>univ of Wisc</sup>, Food Institute,  
Trainsman,

Timing is bad -

{ Deluzio - uses  
Gave report of on sketch - J. Infectious Disease.  
Lima/Us - no specifics of tests 15 things.  
Test he bases - results with reptide.

In Horse - } Buck - mice - immun system

Tried to repeat → mice remain healthy

Used identical mice & dosages - not able to repeat <sup>test</sup>

→ in train dataset → 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

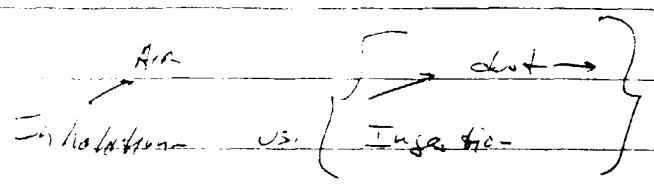
{ Use as a resource group for their screening program  
in addressing the childhood Pb p }

People in Oregon seem as an IZCO Consultant - to Certifying the proposal.

Not had much mistaken, pleased in that are willing to

~~XXXX~~

Main points to play Sensitive thing down →



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

Steps → in children -

1. ~~What is the effect of children's~~  
~~work on~~  
examination ~~to~~ ~~is~~ ~~as~~ ~~interested~~ ~~to~~ ~~children~~ ~~-~~ ~~the~~ ~~work~~

~~Stimulate~~ examination

Controls →

Press for abolition for day

① Conf - most imp. H & R.

Witten.

Perhaps should avoid -

McCabe

Ter Horst

Butler

Bartholomew Study sponsored by US?

②. Cutlin - What is up to

32200 pieces

interested, if need support -

no commitment → Gillon app. UCLA - talk over study, and, find out  
Mimi → from San - West Coast -

③. &

④. A - EDC - No film

⑤. EDC - Presumably

⑥. CD, Task force

⑦. Rogers.

⑧.

Donner -

Herbules,  
albany

Japan →

June → Symposium in Japan -  
Tai, Stein,

Eno. 1 1/2 days

pb in Guyton

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 km north - Sulfide Corp

Industrial Smelting - Clean operation.

negotiated? smokestacks - 5 workers above 70-90

Chickadee - nit on an 40

housing above plant

Nicase - in for 4 days →

Ext in 212/60's thin

2% mercury sil 1700 ppm →

point - kids don't normally exist →

SA exp. 1984. →