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VB/I-70
TECHNICAL WORKING GROUP
JUNE 10, 1999
MEETING ON PHASE III STUDY

NAME	AGENCY	PHONE
BONNIE LAVELLE	EPA	(303) 312-6579
Chris Weis	EPA	(303) 312-6671
Bob Little	ASARCO	(303) 296-5115
Dave Folkes	Enviro Group	303 790 1340
Ted Kuchster	Enviro Group	303 790-1340
Celia VanDerLogg	DEH	303-285-4065
Frances Hartogh	Co AGO	303 866 5053
Barbara O'Grady	CDPHE	303-692-3395
JANE MITCHELL	CDPHE	303-692-2644
Chris Poulet	ATSDR VIII	303-312-7013
Glenn Tucker	ATSDR VIII	303-312-7010
Michael Wenstrom	EPA	303-312-7009

BY TELEPHONE:

DAVID MELLARD ATSDR

1. PURPOSE OF MEETING
2. PROCESS FOR GIVING EPA INPUT
3. OBJECTIVE OF PHASE 3

COMMENTS -

ALLEYS ARE DIFFICULT

~~SAY~~ OBJECTIVES ARE SIMPLE, PLAN WILL HAVE STATISTICAL COMPLEXITY ~~BECAUSE~~ OF NEED TO LOOK AT SHORT & LONG TERM RISKS

DESIGNED TO COUNT # OF HOMES

SOURCE ISSUES -

COMPARATIVE SOIL STUDY -

DOESN'T CONSIDER SPATIAL PATTERNS OR OTHER INFORMATION WHICH WOULD GIVE INFORMATION

DISCUSSION ABOUT LEAD EVALUATION -

NOT LOOKING AT LEAD AWAY FROM DRIP LINE OF HOME

JANE: HOW DO YOU INTERPRET DUST DATA?

DAVE: WAS SEEN - EVEN MID YARD NA

DAVID MELLARD — PRESENTED THE INFORMATION SUGGESTING THE EPA'S DEFAULT ASSUMPTIONS ARE NOT CONSERVATIVE ENOUGH

CHRIS - HAS SOME SITE SPECIFIC DATA FROM A JOINT STUDY CONDUCTED BY REGION 8 ANACONDA
CALABRESE —
WANTED TO GIVE DR. CALABRESE A CHANCE TO LOOK AT WESTERN MINING SITE
DAVID WANTS TO TAKE A LOOK AT THE STUDIES —

.05

CHRIS ?
ATSDR HAS SCREENING LEVELS FOR ARSENIC —

DAVID — IF WE TAKE A 16 PT COMPOSITE — CAN WE USE THAT TO LOOK AT ACUTE TOXICITY

MORE PROTECTIVE FOR CHRONIC EXPOSURE —

CHRIS — IF EVERYTHING IS EQUAL, CHRONIC ACTION LEVELS WILL BE LOWER — IF WE PROTECT FOR CHRONIC EXPOSURE WE WILL PROTECT FOR ACUTE
DAVID WANTS TO TAKE A LOOK AT THIS BEFORE WE COMMIT OURSELVES TO 16 PT COMPOSITE SAMPLING

REASONABLE TO ASSUME THAT A CHILD HAS SOME PICA BEHAVIOR SEVERAL TIMES A WEEK

ALL SAMPLES SET AT DETECTION LIMIT EXCEPT FOR
1 –

15 @ .12 ppm
1 @ 300 ppm } AVE OF 30 ppm

CONCERNED NOW BECAUSE

NOT OUR OBJECTIVE TO PROTECT AGAINST EVERY SCENARIO –
IF THERE IS A NEED TO IDENTIFY THESE CHILDREN
∴ THEY NEED TO BE PROTECTED AGAINST ANY SCENARIO

MORE THAN 1 COMPOSITE PER PROPERTY –
3
OF 9 EACH –

JANE – NOT OPTIMISTIC OF BEING ABLE TO CHARACTERIZE
THE PICA CHILD
WOULD LIKE TO SEE AN EXERCISE TO SIMILAR TO DAVID'S
BUT USING THE MORE STANDARD DEFAULT

CHRIS – WE ARE NOT SEEING

– CHECK

WHAT CONCENTRATIONS IN SOIL IS A PROBLEM FOR SOIL
PICA BEHAVIOR – 50 ppm – 100 ppm

CHRIS: CHRONIC LEVELS WILL DRIVE THE RISK
ASSESSMENT

LOOK AT A LEVEL OF CONCERN AT
200 mg / DAY FOR SUBCHRONIC EXPOSURE

DUST - MAY BE DIFFERENT STRATEGIES FOR LEAD & ARSENIC

IN HOUSE - MORE CONCERNED ABOUT FRICTION SURFACES
FOR LEAD -

ALLEYS - WE DON'T WANT TO MAKE THE ALLEY
ITSELF PART OF THE EXPOSURE UNIT

CHARACTERIZE THE MEAN & UCL

IS ALLEY A SOURCE AREA (HAS TO BE HIGHER THAN
IS ALLEY A

ALLEY
ACCESS - TALK TO CITY OF DENVER ABOUT A
LIMITED ACCESS PERMIT —

DATA - DAVE FOLKES - SAMPLE - 44th & STEELE

- DAVE DIERKLY
- CDPHE - 4 COPIES