

ASARCO

TELECOPIER COVER LETTER

Please deliver the following pages to:

NAME Kathryn Kelly

LOCATION ETA

FROM Tom Aldrich

Total number of pages 4 (including this sheet)

DATE 11/19/90

If you do not receive all of the pages, please call back as soon as possible. Phone: (206) 756-0201.

TRANSMITTING FROM (206) 756-0250

I roughed out a quick draft for the proposed paper you requested. Would like a little guidance. Is this pretty much along the lines you expected? If so, I will get it finalized and to you as soon as possible.

Tom A.

Tom - I've checked off what I feel are the most relevant portions. If there are too many words, delete some of them. ASARCO is pretty well...

①

ABSTRACT

ASARCO Incorporated owns a smelter located in Ruston and Tacoma, Washington. The smelter began operations in the 1850's as a lead smelter and was converted to a copper smelter in 1905. An arsenic refinery was added in 1922-23. The smelter processed high arsenic copper ores and was the primary producer of arsenic tri-oxide in the United States at its closure in 1985.

A great deal of public attention has been focused on the smelter over the last 20 years due to SO₂ and arsenic emissions. Numerous public hearings have been held and a number of studies have been performed concerning arsenic levels in the surrounding soils and possible ill-health effects due to elevated urinary arsenic levels found in children living nearby the smelter. After 20 years of study, no ~~ill~~^{adverse} health effects have ever been traced to the smelter.

In 1985, the ASARCO smelter site and surrounding area became part of the Commencement Bay Superfund Site. Over the last five years, studies have been ongoing developing data to formulate cleanup alternatives for the smelter site, Commencement Bay and the residential areas.

(2)

This paper will focus on the efforts ASARCO has put forth in regard to implementing an effective communications program with the public concerning the issues.

The situation is complicated in that the cleanup is divided into three areas and these areas are further divided as follows:

- I. Off-shore - Commencement Bay
- II. On-site - Smelter Investigation
 - A. Demolition of Buildings
 - B. Remediation
- III. Off-site - Residential
 - A. Expedited Response Action
 - B. Residential Study

The Superfund process is a very slow moving process. Although there are provisions for public participation, this generally is not central to the end of the study. As a result, the public often feels frustrated and left out and without adequate information about what is going on. This leads to mistaken assumptions.

(3)

~~Since May, 1990~~ ASARCO has actively pursued a program of educating the public and answering any questions that the public might have. A monthly newsletter is being distributed, a community meeting was held, and numerous meetings with the media, area residents, public officials and civic organizations have been held to provide information to the public. ~~The paper~~ This effort has resulted in a greater degree of trust in ASARCO and its cleanup efforts than would have been possible without the active outreach program. Examples of ~~our~~ our approach and lessons learned will be discussed.

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Attached is abstract for my paper. I will put in mail on 11/28/90. I will be out of town until Dec 10. If you need to shorten it somewhat, please feel free.

Tom A

PAPER PROPOSAL FORM

AIR & WASTE MANAGEMENT ASSOCIATION


**84TH ANNUAL
MEETING & EXHIBITION**

JUNE 16-21, 1991 • VANCOUVER, B.C.

Technical Program Chairman
 Dr. Richard A. Kester, CH2M Hill
 Technical Program Co-chairman
 Dr. Michael J. Pilat, U. of Washington

To the prospective Author:

Before proposing a paper please be aware of the following:

- If your paper proposal is approved by the Technical Program Committee you will be expected to provide A&WMA Headquarters with a completed draft manuscript on or before March 1, 1991.

- A&WMA's Board policy stipulates that all authors and speakers who attend the Annual Meeting must register for the conference and pay the appropriate registration fee.

Instructions:

1. Examine the list of sessions tentatively approved for this year's Annual Meeting (it accompanies this form). Select one for which your proposal is appropriate. Enter its 'P-number' in the space provided below. You may enter a second choice if more than one session title seems appropriate.

2. If you cannot find a suitable session on the list check the box below marked 'Other' and provide a topic that accurately categorizes your proposal.

3. Carefully fill in the remainder of the form. Be sure to provide all requested information. PRINT or TYPE legibly.

4. Send your completed form to: Dave Haseleu
 Technical Program Coordinator
 Air & Waste Management Association
 P.O. Box 2861
 Pittsburgh, PA 15230

This form must be received at A&WMA Headquarters by November 1, 1990.

(Any paper proposal received after this date will be treated as an alternate. It will be considered only if an appropriate session has failed to accumulate enough regular paper proposals to remain viable.)

Paper is proposed for session:

(Please enter session number below)

P 141 (1st choice)

P _____ (2nd choice)

Other _____

Paper is:

Unsolicited

Solicited

By: Kathryn E. Kelley

I certify that the paper described on this form will represent either the first publication of original material or an original compilation or review of information from a number of sources (specifically referenced by footnotes and/or a bibliography). I also certify that the proposed paper is not a commercial endorsement.

Initials: _____ Date: _____

(OVER)

for headquarters' use only

Abstract No. A

Proposal No. P P P

Paper No. 91-

Session No. _____

Solicited

TYPE (preferable) or PRINT

Paper Title _____

Primary Author(s)

(list up to two; include address, phone no. and fax no. for each)

1st Author Mrs. Ms. Mr. Dr.

2nd Author Mrs. Ms. Mr. Dr.

name _____

name _____

affiliation _____

affiliation _____

street address _____

street address _____

phone() _____ fax() _____

phone() _____ fax() _____

Brief Description...500 words or less. Use boxed area below.

[Large empty rectangular box for brief description]

Signature _____ Date _____

A&WMA Member? Yes No

PAPER PROPOSAL FORM

Technical Program Chairman
Dr. Richard A. Kester, CH2M Hill
Technical Program Co-chairman
Dr. Michael J. Pilat, U. of Washington

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P 41 (1st choice)

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(list up to two; include address, phone no. and fax no. for each)

1st Author Mrs. Ms. Mr. Dr.

2nd Author Mrs. Ms. Mr. Dr.

name _____

name _____

affiliation _____

affiliation _____

street address _____

street address _____

phone() _____ fax() _____

phone() _____ fax() _____

Brief Description...500 words or less. Use boxed area below.

Signature [Handwritten Signature]

Date 11/27/90

A&WMA Member? Yes No

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Abstract No. A

Proposal No. P P P

Paper No. 91-

Session No. _____

Solicited

TYPE (preferable) or PRINT

Paper Title Development of an Effective Communications Program with the Public
Concerning the Clean-up of ASARCO Incorporated's Former Copper
Smelter in Tacoma, Washington

Primary Author(s)

(list up to two; include address, phone no. and fax no. for each)

1st Author Mrs. Ms. Mr. Dr.

2nd Author Mrs. Ms. Mr. Dr.

name Thomas L. Aldrich

name _____

affiliation ASARCO Incorporated

affiliation _____

street address P.O. Box 1677

street address _____

Tacoma, WA 98401

phone(206) 756-0203 fax(206) 756-0250

phone() _____ fax() _____

Brief Description...500 words or less. Use boxed area below.

ASARCO Incorporated owns a smelter located in Ruston and Tacoma, Washington. The smelter began operation in the 1890's as a lead smelter and was converted to a copper smelter in 1905. An arsenic refinery was added in 1922-23. The smelter processed high arsenic copper ores and was the primary producer of arsenic trioxide in the United States at its closure in 1985.

A great deal of public attention has been focused on the smelter over the last 20 years due to SO2 and arsenic emissions. Numerous public hearings have been held and a number of studies have been performed concerning arsenic levels in the surrounding soils and possible ill-health effects due to elevated urinary arsenic levels found in children living nearby the smelter. After 20 years of study, no adverse health effects have ever been traced to the smelter.

In 1935, the Asarco smelter site and surrounding area became part of the Commencement Bay Superfund Site. Over the last five years, studies have been ongoing developing data to formulate clean-up alternatives for the smelter site, Commencement Bay and the residential areas. This paper will focus on the efforts Asarco has put forth in regard to implementing an effective communications program with the public concerning the issues.

The Superfund process is a very slow moving process. Although there are provisions for public participation, this generally is not until the end of the study. As a result, the public often feels frustrated, left out and without adequate information about what is going on. This leads to mistaken assumptions.

Asarco has actively pursued a program of educating the public and answering any questions that the public might have. A monthly newsletter is being distributed, a community meeting was held, and numerous meetings with the media, area residents,

Signature Tom L. Aldrich Date 11/27/90

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Tacoma, WA 98401

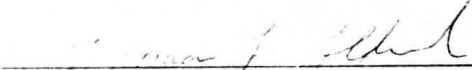
phone(206) 756-0203 fax(206) 756-0250

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Page 2

public officials and civic organizations have been held to provide information to the public. This effort has resulted in a greater degree of trust in Asarco and its clean-up efforts than would have been possible without the active outreach program. Examples of this approach and lessons learned will be discussed.

Signature 

Date 11/27/90

A&WMA Member? Yes

No