

Volume III
Chapter 25

STATE OF MONTANA
AIR QUALITY CONTROL
IMPLEMENTATION PLAN

Subject: Lewis and Clark Co.
Air Pollution
Control Program

ATTACHMENT #1

Sampling and Analysis of Paved Road Dust Samples in East Helena

Prepared by
Montana Department of Environmental Quality
In Cooperation with ASARCO, Inc.

May 1995

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STATE OF MONTANA
AIR QUALITY CONTROL
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This document specifies the sampling and analysis protocol for paved road dust samples in East Helena that ASARCO must follow in order to show compliance with the emission limitations specified in the East Helena lead control strategy specified in Exhibit A, to which this document is an Attachment.

Section 1. Definitions of Sampling Areas

All coordinates are in Universal Transverse Mercator (UTM) coordinates.

- (A) "Area A" means that portion of East Helena and vicinity which is visually described on the map contained in attached Figure 1 and contained within the following boundaries:

Beginning at the point described by 429,500 mE and 5,159,750 mN, east to 430,000 mE and 5,159,750 mN, south to 430,000 mE and 5,159,500 mN, west to 429,500 mE and 5,159,500 mN, and north to 429,500 mE, 5,159,750 mN, the point of beginning.

- (B) "Area B" means that portion of East Helena and vicinity, excluding area A, which is within the following boundaries for the East Helena road dust control requirements (see map attached as Figure 2):

Beginning at the point described by 428,000 mE and 5,160,000 mN east to 430,500 mE and 5,160,000 mN, south to 430,500 mE and 5,158,500 mN, west to 429,000 mE and 5,158,500 mN, north to 429,000 mE and 5,159,500 mN, west to 428,000 mE and 5,159,500 mN, and north to 428,000 mE and 5,160,000 mN, the point of beginning.

- (C) "Area C" means that portion of East Helena and vicinity, excluding area A and area B, which is within the following boundaries for the East Helena road dust control requirements (see map attached as Figure 3):

Beginning at the point described by 427,000 mE and 5,162,000 mN, east to 432,500 mE and 5,162,000 mN, south to 432,500 mE and 5,158,000 mN, west to 427,000 mE and 5,158,000 mN, and north to 427,000 mE and 5,162,000 mN, the point of beginning.

- (D) "Area A Grids" means any of the 50 grids contained in Area A having dimensions of 50 meters by 50 meters and containing at least one paved public street or road.

- (E) "Area B Grids" means any of the 11 grids contained in Area B having dimensions of 500 meters by 500 meters and containing at least one paved public street or road, except that the grids containing area A shall only include that portion of the grids outside of area A.

- (F) "Area C Grids" means any of the 77 grids contained in Area C having dimensions of 500 meters by 500 meters and containing at least one paved public street or road, except that the grids containing Areas A and B shall only include that portion of the grids outside of Areas A and B.

Section 2.

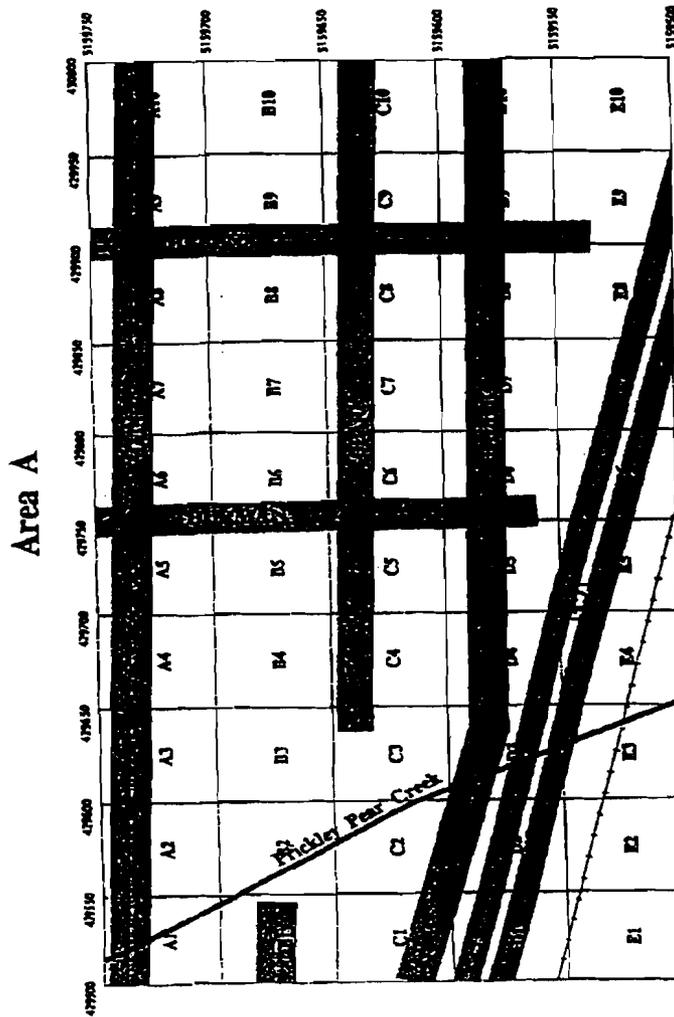
ASARCO shall analyze the silt portion of each road dust sample as specified in the "East Helena Lead SIP Road Dust Control Analytical Quality Assurance Plan." This document is attached as Attachment #3 to this stipulation.

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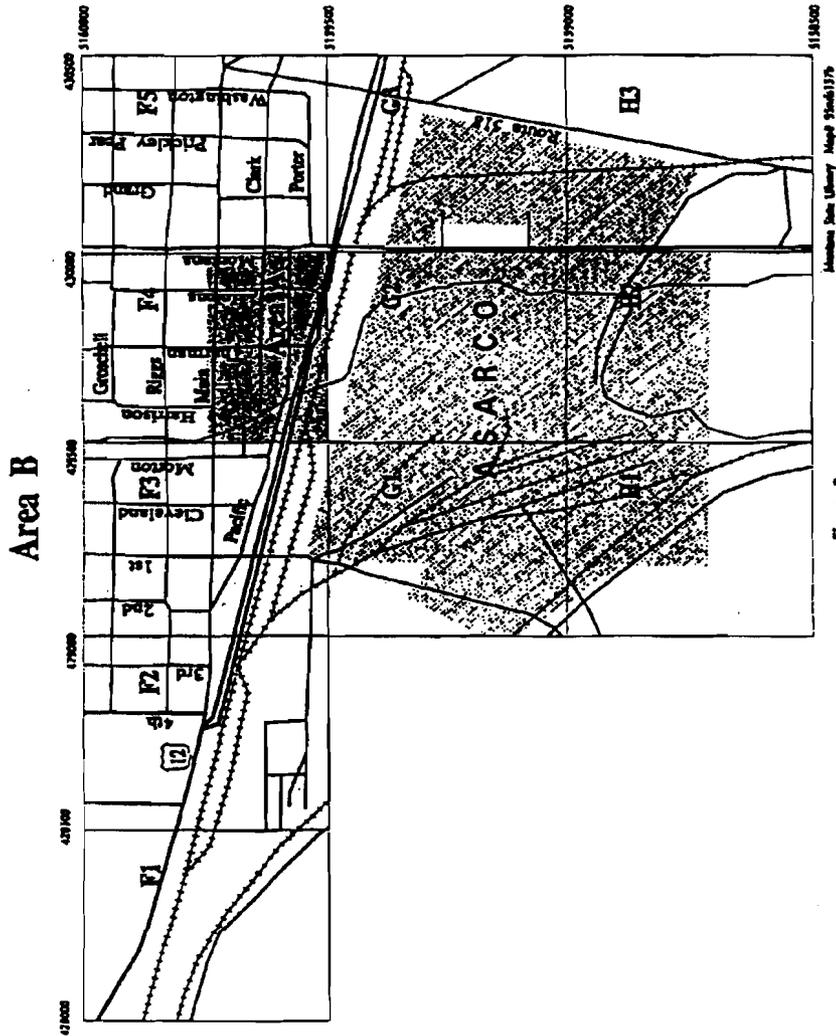
Montana State Library Map# 51641376

Figure 1

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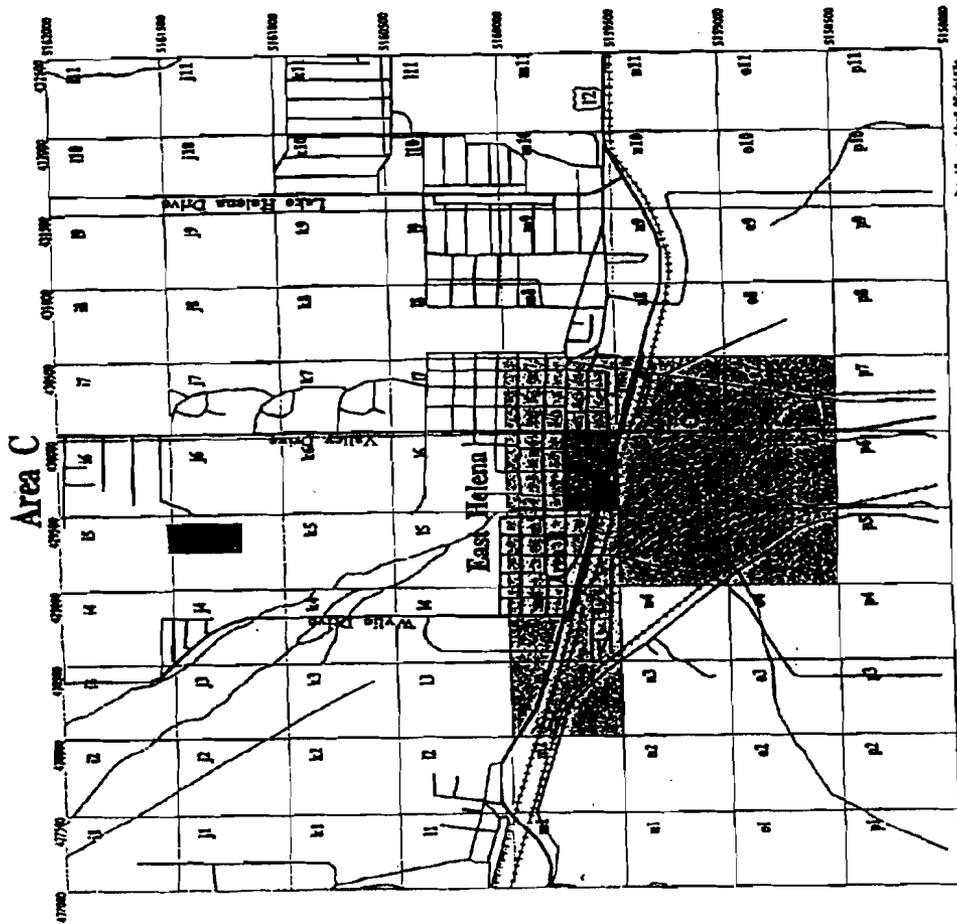


Figure 3

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