

# ASARCO

PLAINTIFF'S EXHIBIT

ASA-1531

December 4, 1995

Ms. Peggy Munsell  
EL PASO PLANT

Please find attached the fiber counts for the industrial hygiene samples dated September 16, through November 14, 1995.

These samples were analyzed in accordance with NIOSH 7400 method, fourth revision, (8/94).



Jodie Haynes  
Laboratory Technician

JCH  
Attach.

cc: SGCothrin (w/attach.)  
GRStanga "



ASARCO Inc.  
EL PASO  
Stationary Sampler Results  
(For Company Use Only)

| Sample<br>Location              | 1995<br>Date<br>(Time) | # of<br>Min. | Analysis | Conc'n<br>(fi/cc) | Foot-<br>notes |
|---------------------------------|------------------------|--------------|----------|-------------------|----------------|
| Power House                     |                        |              |          |                   |                |
| Asbestos Cassette               | 9/16                   | 480          | ASB      | <0.0028           |                |
| Asbestos Cassette               | 9/16                   | 480          | ASB      | <0.0028           |                |
| N-001 P.Hse #1 S.EndUp Floor    | 11/ 9                  | 510          | ASB      | <0.0027           |                |
| E-002 P.Hse.#2 S.End Basement   | 11/ 9                  | 501          | ASB      | <0.0027           |                |
| R-003 P.Hse.#3 E.End Mid Flr.O. | 11/ 9                  | 506          | ASB      | <0.0026           |                |
| F-004 P.Hse #4 N.End Basement   | 11/ 9                  | 497          | ASB      | <0.0027           |                |
| T-005 P.Hse #5 U.Flr. Off.      | 11/ 9                  | 515          | ASB      | <0.0026           |                |

| OSHA Limits (in mg/m3 except as noted) |                                  |                 |                                 |         |
|----------------------------------------|----------------------------------|-----------------|---------------------------------|---------|
| Element                                | Permissible<br>Exposure<br>Level | Action<br>Level | Short Term<br>Exposure<br>Level | Ceiling |
| ASB(asbestos) as ASB                   | 0.1 fibers/cc                    | 0.1 fibers/cc   | 1.0 fibers/cc                   |         |

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Stationary Sampler Results  
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| Sample<br>Location | 1995<br>Date<br>(Time) | # of<br>Min. | Analysis | Conc'n<br>(fi/cc) | Foot-<br>notes |
|--------------------|------------------------|--------------|----------|-------------------|----------------|
| Blank              | 12/16                  | 480          | ASB      | <0.0028           |                |
| Blank              | 12/16                  | 480          | ASB      | <0.0028           |                |

| OSHA Limits (in mg/m3 except as noted) |                                  |                 |                                 |         |
|----------------------------------------|----------------------------------|-----------------|---------------------------------|---------|
| Element                                | Permissible<br>Exposure<br>Level | Action<br>Level | Short Term<br>Exposure<br>Level | Ceiling |
| ASB(asbestos) as ASB                   | 0.1 fibers/cc                    | 0.1 fibers/cc   | 1.0 fibers/cc                   |         |

ASARCO Inc.  
EL PASO  
Personal Monitor Sampling Results  
(For Company Use Only)

| Name<br>(S. S. Number) | Job Title<br>(Resp. Type) | 1995 Sampling<br>Date<br>(Shift) (# Min) | Analysis | Conc'n<br>(fi/cc) | Foot-<br>notes |
|------------------------|---------------------------|------------------------------------------|----------|-------------------|----------------|
|------------------------|---------------------------|------------------------------------------|----------|-------------------|----------------|

Mechanical\Maint.

|                |   |                            |              |        |        |
|----------------|---|----------------------------|--------------|--------|--------|
| Insulator<br>1 | D | 12/ 2<br>180               | ASB          | 0.016  |        |
|                |   | CALCULATED<br>TWA EXPOSURE | 12/ 2<br>480 | ASB    | 0.0061 |
| Insulator<br>1 | D | 12/ 9<br>182               | ASB          | 0.011  |        |
|                |   | CALCULATED<br>TWA EXPOSURE | 12/ 9<br>480 | ASB    | 0.004  |
| Insulator<br>1 | D | 12/16<br>260               | ASB          | 0.0056 |        |
|                |   | CALCULATED<br>TWA EXPOSURE | 12/16<br>480 | ASB    | 0.0031 |

| OSHA Limits (in mg/m3 except as noted) |                                  |                 |                                 |         |
|----------------------------------------|----------------------------------|-----------------|---------------------------------|---------|
| Element                                | Permissible<br>Exposure<br>Level | Action<br>Level | Short Term<br>Exposure<br>Level | Ceiling |
| ASB(asbestos) as ASB                   | 0.1 fibers/cc                    | 0.1 fibers/cc   | 1.0 fibers/cc                   |         |

Copy sent to Mike on 11/11/95

ASARCO Inc.  
EL PASO  
Personal Monitor Sampling Results  
(For Company Use Only)

| Name<br>(S. S. Number) | Job Title<br>(Resp. Type) | 1995 Sampling<br>Date<br>(# Min) | Analysis | Conc'n<br>(fi/cc) | Foot-<br>notes |
|------------------------|---------------------------|----------------------------------|----------|-------------------|----------------|
|------------------------|---------------------------|----------------------------------|----------|-------------------|----------------|

Mechanical\Maint.

|                |   |                            |              |        |         |
|----------------|---|----------------------------|--------------|--------|---------|
| Insulator<br>1 | D | 10/23<br>155               | ASB          | 0.026  |         |
|                |   | CALCULATED<br>TWA EXPOSURE | 10/23<br>480 | ASB    | 0.0084  |
| Insulator<br>1 | D | 10/24<br>165               | ASB          | 0.034  |         |
|                |   | CALCULATED<br>TWA EXPOSURE | 10/24<br>480 | ASB    | 0.012   |
| Insulator<br>1 | D | 11/ 2<br>175               | ASB          | 0.041  |         |
|                |   | CALCULATED<br>TWA EXPOSURE | 11/ 2<br>480 | ASB    | 0.015   |
| Insulator<br>1 | D | 11/14<br>225               | ASB          | <0.006 |         |
|                |   | CALCULATED<br>TWA EXPOSURE | 11/14<br>480 | ASB    | <0.0028 |

| OSHA Limits (in mg/m3 except as noted) |                                  |                 |                                 |         |
|----------------------------------------|----------------------------------|-----------------|---------------------------------|---------|
| Element                                | Permissible<br>Exposure<br>Level | Action<br>Level | Short Term<br>Exposure<br>Level | Ceiling |
| ASB(asbestos) as ASB                   | 0.1 fibers/cc                    | 0.1 fibers/cc   | 1.0 fibers/cc                   |         |