SOUTHWESTERN LABORATORIES

Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services

222 Cavalcade St. • P.O. Box 6768, Houston, Texas 77249 • 713/692-9151

Client Brownsville Technical Park, Inc.
Mr. Terry L. Entrekin
P.O. Box 5611
Brownsville, Texas 78523-5611

PLAINTIFF'S EXHIBIT
UC-1993

Client No. 2-5335-02
Report No. 88-1878
Report Date 8/16/88

Project Bulk samples submitted for asbestos content analysis. Sampled by the client and received at SwL-Houston on 8/15/88. Analyzed on 8/16/88

RESULTS

Sample I.D.	SwL Lab No.	Asbestos Type	% Asbestos*
P-1	1878-1	None	--
P-2	1878-2	Amosite[1]	40%
P-3	1878-3	None	--
P-4	1878-4	None	--
P-5	1878-5	None	--
P-6	1878-6	None	--
P-7	1878-7	Amosite[1]	45%
P-8	1878-8	Chrysotile	15%
P-9	1878-9	Amosite	40%
P-10	1878-10	None[1]	--
P-11	1878-11	None	--
P-12	1878-12	None	--
P-13	1878-13	None	--
P-14	1878-14	None	--
P-15	1878-15	Chrysotile	1%
P-16	1878-16	Chrysotile	5%

Union Carbide trial exhibit UC-1993: Southwestern Laboratories Bulk Asbestos Analysis Reports for Brownsville Te… Published by AsbestosClaims.Law
ACL Doc 17023 · Page 1 of 7 asbestosclaims.law/library/17023/1

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Client: BROWNSVILLE TECHNICAL PARK, INC.

File No.: 2-5335-02

Report No.: 88-1878

Report Date: 8/17/88

Sample I.D.	SWL Lab No.	Asbestos Type	% Asbestos*
P-17	1878-17	Chrysotile	10%
P-18	1878-18	Amosite	35%
P-19	1878-19	Amosite	35%
P-20	1878-20	Amosite	40%
V-1	1878-21	Amosite	35%
V-2	1878-22	Chrysotile	5%
V-3	1878-23	Chrysotile	10%
V-4	1878-24	None	--
V-5	1878-25	None	--
V-6	1878-26	Chrysotile	2-3%
V-7	1878-27	Amosite	35%
V-8	1878-28	None	--
V-10	1878-29	Chrysotile	10%
V-11	1878-30	None	--
V-12	1878-31	None	--
V-13	1878-32	None	--
V-14	1878-33	Amosite	55%
V-15	1878-34	Chrysotile	2-3%

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Client: BROWNSVILLE TECHNICAL PARK, INC.

File No.: 2-5335-02

Report No.: 88-1878

Report Date: 8/17/88

Sample I.D.	SWL Lab No.	Asbestos Type	% Asbestos*
V-16	1878-35	Chrysotile	2-3%
V-17	1878-36	None	--

1 Quality control analysis performed by second analyst.

Technician: Phillip Yokley/Martin Gibson

Copies: 3-Louisiana Chemical Equipment Company

Reviewed By

jlh

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Russell J. Di Raimo, P.E. Manager
Environmental Services

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Client Brownsville Technical Park, Inc.
Mr. Terry L. Entrekin
P.O. Box 5611
Brownsville, Texas 78523-5611

Client No. 2-5335-02
Report No. 88-2146
Report Date 9/16/88
P.O. No. 31128

Project Bulk samples submitted for asbestos content analysis. Sampled by the client and received at SWL-Houston on 9/14/88. Analyzed on 9/14/88

RESULTS

Sample I.D.	SwL Lab No.	Asbestos Type	% Asbestos*
36150	2146-1	None	--
36179	2146-2	Amosite	40%
36183	2146-3	None	--
36251	2146-4	None	--
36289	2146-5	Chrysotile	10%
36406	2146-6	Amosite	40%

Method of Analysis: CFR-47, No. 103, Appendix A (Polarized Light Miscroscopy)

** The percentage of asbestos is visually estimated.*

Technician: Charlie Ramirez

Coolers: A-Laundry Chemical Equipment Company

Reviewed By

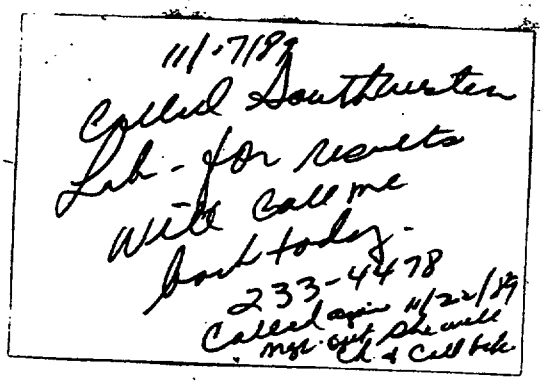
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Russell J. Di Rollo, P.E. Manager
Environmental Services

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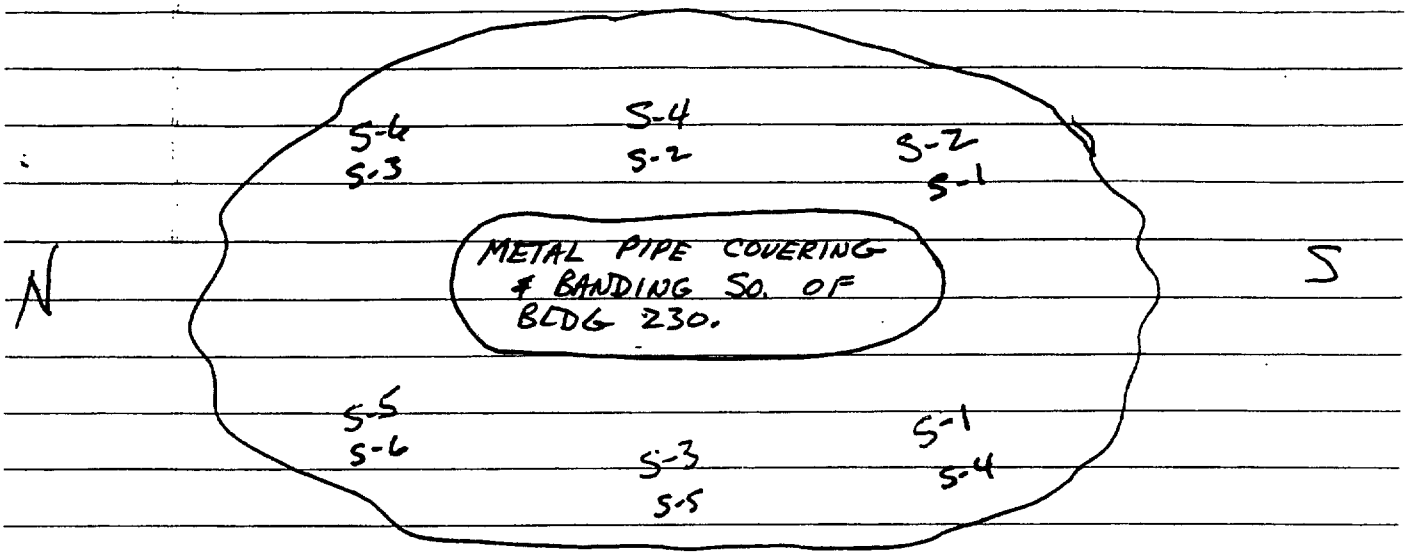

11-7189
Called Southwestern
Lab - for results
will call me
back today -
233-4478
Called again 11/22/89
msg. on ans. machine
Ck & call back

BRD 1266

Samples taken to Lab - 10/11/89

E

RED = PSI SAMPLE PTS.
BLACK = UCC SAMPLE PTS.



Sample 1 – Liner paper from inside of pipe covering, Tar Paper covering, loose pieces of insulation

Sample 2 – Insulation adhering to paper liner of metal pipe covering & Paper liner from pipe covering

Sample 3 – Two pieces metal pipe covering with insulation clinging to them, piece of mesh weather barrier Paper from lining of pipe covering

Sample 4 – Piece of metal pipe covering with liner paper & insulation adhering to it, piece of mesh pipe cover, piece of tar paper with insulation

Sample 5 – Metal, paper & mesh pipe covering with insulation residues adhering

Sample 6 – Mesh pipe covering, tar paper & paper liner with insulation adhering

Sampled 11⁰⁰/A to 11²⁰/AM Oct. 2, 1989

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Client Union Carbide Corporation
Belia Cortez
Star Rt. Box 90
Brownsville, Texas 78521

Client No.
Report No. 89-11-374
Report Date 12/4/89

Project Bulk samples submitted for asbestos content analysis. Received from SwL-Los Fresnos at SwL-Houston on November 30, 1989. Analyzed on November 30, 1989.

RESULTS

Sample I.D.	Sample Description	SwL Lab No.	Asbestos Type	% Asbestos*	Other Fibrous Constituents %
1	White Fibers w/Black Tar in White Coating	89-11-374-1	Amosite Chrysotile	10 2-3	Cellulose (15) Fibrous Glass (10)
2	White Fibrous Powder with Paper Backing	89-11-374-2	None Detected	—	Cellulose (10)
3	White Cementitious Mix w/Fibers on Metal Backing	89-11-374-3	None Detected	—	Cellulose (10) Fibrous Glass (5-8)
4	White Cementitous Mix w/Fibers on Metal Backing	89-11-374-4	Amosite Chrysotile	5-8 5-8	Fibrous Glass (5-8) Cellulose (5-8)
5	White Cementitious Mix w/Fibers on Metal Backing	89-11-374-5	Amosite Chrysotile	15 5-8	Fibrous Glass (5)
6	White Cementitious Mix w/Fibers on Fabric Backing	89-11-374-6	Chrysotile	10	Fibrous Glass (15)

* The percentage of asbestos is microscopically visually estimated.

Method of Analysis: CFR-47, No. 103, Appendix A (Polarized Light Microscopy)
SwL Houston is an accredited laboratory for bulk asbestos analysis - Laboratory I.D. No. 1502 00.
Samples will be discarded after a storage period of 60 days, unless other arrangements are specified. Results presented pertain to only actual sample analyzed.

Technician: Charles Remkes

Copies: 3-Union Carbide Corporation

SOUTHWESTERN LABORATORIES

Reviewed By

Terry J. Jackson, P.E., Asbestos Manager
Environmental/Analytical Services

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BRD 1268