9.5.1 1018

ASBESTOS ASSESSMENT REPORT

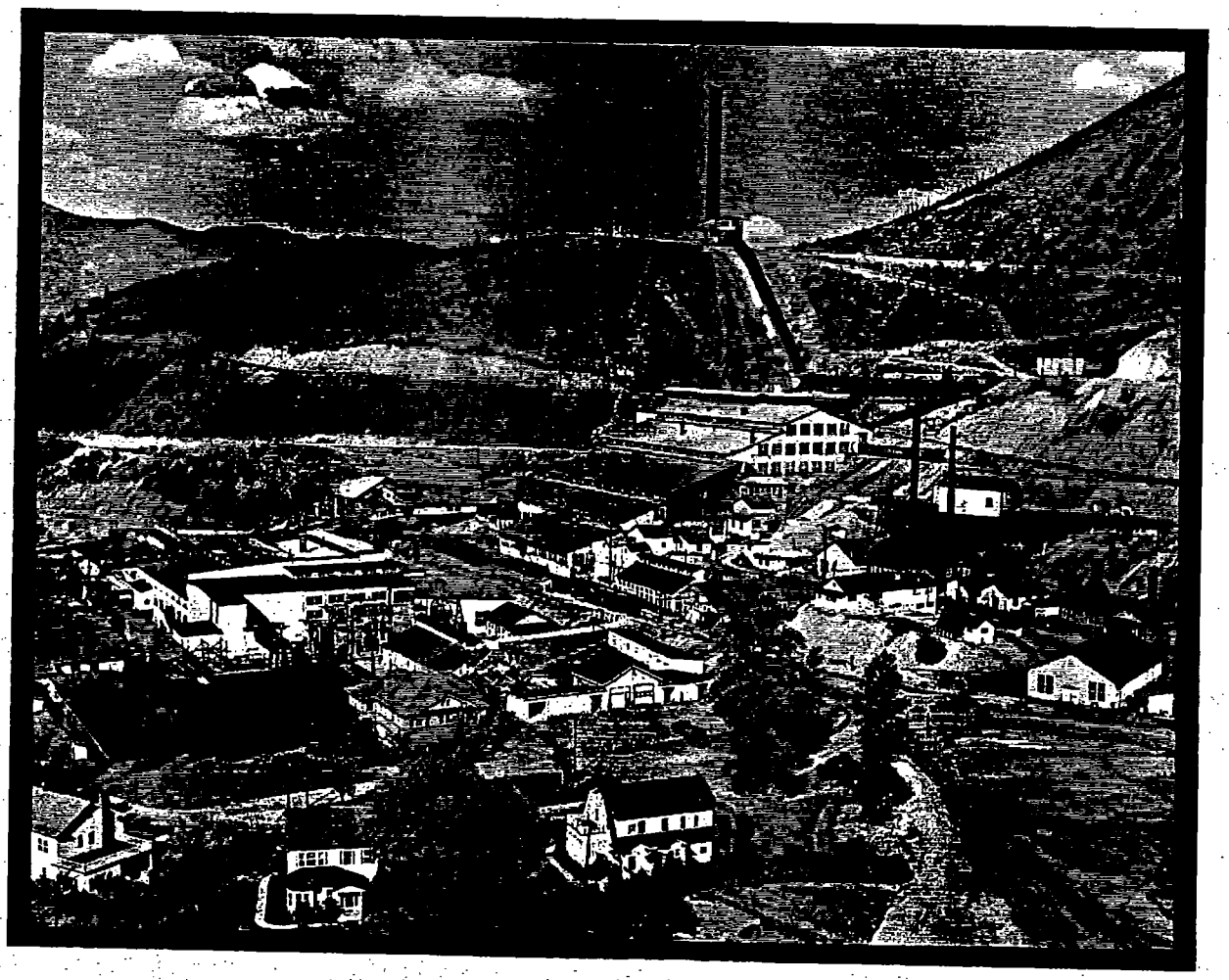
FOR

12/94

BUNKER HILL SUPERFUND SITE

Kellogg, Idaho

CH2M Hill No. NPE69242



Prepared by:

CONVERSE CONSULTANTS MR.

In Association With

BISON ENVIRONMENTAL RESOURCES, INC.

63088

9.5.1 1018

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1.0 INTRODUCTION

1.1 INTRODUCTION TO ASBESTOS ASSESSMENT

This asbestos assessment project has been conducted by Converse Consultants MR under subcontract to CH2M HILL Inc., contractor to the U.S. Environmental Protection Agency under EPA's ARCSWEST program. The purpose of the project was to provide asbestos identification and quantification within structures comprising the Bunker Hill mining complex. This information is used in formulating abatement approaches and for bidding asbestos abatement associated with intended demolition of the structures.

The Bunker Hill mining complex is an inactive integrated, milling and smelting operation, which includes Bunker Mine (lead and zinc), a milling and concentrating operation, a lead smelter, silver refinery, electrolytic zinc plant, phosphoric acid and fertilizer plant, sulfuric acid plant and a cadmium plant. In accordance with the Record of Decision for this Superfund site, all structures within the Bunker Hill Industrial Complex are to be demolished.

It has been previously documented that soils, surface water, groundwater, and air through out the site have been contaminated by heavy metals, to varying degrees, through a combination of airborne particulate deposition, alluvial deposition of tailings dumped into the river by past mining activities, past waste disposal practices and contaminate migration from on-site sources. On-site heavy metals contamination sources include the industrial complex, tailings and other waste piles, material accumulation sites, barren hill sites, and fugitive dust source areas located throughout the site. This information should be considered when occupying the site for any reason.

Asbestos is another contaminant known to exist at the complex. The presence of asbestos is known because of the type of industrial systems present in the complex, and the common knowledge of the use of asbestos as an insulating material on piping, tanks, furnaces and burners, and other high and low temperature applications. Also, the construction dates of the numerous facilities within the complex includes time periods when asbestos containing material (ACM) was used in a large variety of building materials including roofing, siding, structural insulation, surfacing materials, decorative materials, mastic and binding materials, gaskets and other insulating materials, and flooring materials.

Though the presence of ACM in the complex was widely known or assumed in many locations, this asbestos assessment project was the first attempt to locate and quantify all materials throughout the facility with verification through a bulk material sampling and

labeling program. To accomplish this project an aggressive on-site assessment program was developed after detailed discussions with CH2M Hill and EPA representatives.

Safety was a prime consideration for the assessment due to the contamination on site and the deteriorated and partially dismantled state of many of the structures. Working within our safety program, all structures were surveyed with sampling conducted where materials could be safely accessed. Estimates of material quantities were established based on building dimensions and visual estimation.

1.2 FIRMS CONDUCTING ASSESSMENT

This asbestos assessment project was conducted by Converse Consultants MR, Inc. of Boise, Idaho. CCMR was under subcontract to CH2M Hill, Inc., contractor to the U.S. Environmental Protection Agency. Converse Consultants provided key project personnel from their Boise, Idaho and Reno, Nevada offices. Converse sub-contracted with Bison Environmental Resources, Inc. of Spokane, Washington to provide key project performance roles including on-site assessment direction, survey personnel, and data management and reporting.

Laboratory analysis of bulk samples was performed by Converse Consultants MR's asbestos laboratory in Boise, Idaho. QA/QC samples were sent to FRS Geotech, Inc. in Denver, Colorado. Both laboratories are federally accredited by the National Institute of Standards and Technology, under NVLAP (National Voluntary Laboratory Accreditation Program).

1.3 ASSESSMENT PERSONNEL

The following personnel played key roles in the management and on-site assessment work:

Name	Project Role	Asbestos Accreditation	Company
J. Tom Wise	Project Manager	I, MP, D, CP, T	C
Donald J. Hurst	Field Manager	I, MP, D, CP	B
Peggy Williamson	Survey Team Leader	I, MP, D, CP	B
Ted Ice	Survey Team Leader and Site Safety Office	I, MP, D, CP, T	C
Tom N. Walter	Survey Team Leader	I, MP, D, CP, T	C
Gary Goyette	Survey Team Member	I, MP, D, CP	C

Carl Wennstrom	Survey Team Member	I, CP	C
Patrick Palker	Survey Team Member	I, MP, D, CP	C
Jim Kanter	Survey Team Member	I, CP	B
Bob Woellner	Laboratory Director	I, MP, CP, T	C

Accreditations: I - Inspector; MP - Management Planner; D - Designer; CP - Competent Person; T - EPA Course Trainer

Company: C - Converse; B - Bison

Besides the EPA accreditations indicated above, these personnel all have current OSHA 40 Hour Hazardous Waste Operation certifications. These personnel also have other professional training and accreditations in related fields of hazardous materials, engineering and geology.

1.4 DATES OF ASSESSMENT

The Converse/Bison advance planning personnel mobilized to the Bunker Hill site on Thursday, October 6, 1994. Planning and preparation work went on for four days prior to the full survey teams arriving on Sunday, October 9, 1994. Assessment work began on-site Monday, October 10, 1994 and continued six days a week through Saturday, October 22, 1994 when the teams demobilized from the site. Lab analysis continued for approximately two weeks thereafter while data management and report table generation continued through November 18, 1994, with tables generated on approximately 25 fire hazard structures by the 1st of November. Abatement costs estimates were begun on the week of November 20, 1994 and input was sought from the Corp of Engineers based on bid results on the fire structure buildings. Final preparation of this report was completed in December, 1994.

1.5 CONTENT OF REPORT

This report documents the asbestos assessment of the approximately 180 structures identified in CH2M Hill's scope of work. The assessment was conducted according to the project specific survey and sampling plan.

The report has been organized around two important tables that present the summary results of the survey. The first table is the SUMMARY OF SURVEY RESULTS table which includes summaries of the findings of the assessment on a structure by structure basis. The header in this table includes which facility the structure is in, the structure number and description, notes on access to the facility and other items such as square footage, number of floors, building location coordinates and fire ranking. Individual table

information includes: 1) material type according to a 35 item legend; 2) material description; 3) material location; 4) material quantity; 5) sample number; 6) percent asbestos; and, 7) comments. The table also includes estimates of quantity totals of the materials identified to be ACM. Other data is available in the data file, however, the table's contents have been generated to present the summary data most representative of the factual survey findings and which relates to the future abatement of the materials.

The next table is the SEQUENTIAL ASBESTOS SAMPLE SUMMARY table. This table includes the: 1) sample number; 2) homogeneous index number; 3) asbestos content by percent; 4) type of asbestos; 5) type of material by code; 6) description of the material and 7) structure number where the sample was taken. By including this detailed information in the survey, cross referencing of samples and material types is possible to the user of the report.

Complementing these tables is a set of site plans that indicates the numbering system for the individual structures. This information is found directly following the above referenced tables in the Figures section of the report.

Preceding the tables are three text sections of the report. These sections include an introduction with assessment and report preparation specifics, a general discussion of asbestos presence at the complex and related abatement approaches and an abatement cost estimate section.

The appendices of the report has four sections including a laboratory summary report and laboratory accreditation documents, sample change of custody documentation, personnel accreditation data, and the project specific survey and sampling plan.

1.6 LIMITATIONS

This project was conducted to provide asbestos assessment of this large, diverse and complicated complex of structures in a very short time period. Access to the structures was complicated by previously identified high concentrations of hazardous materials in some locations, reported structural problems and observed structural and safety issues. Because of this, the assessment results can only be considered to represent an estimate of the ACM within the complex.

Anyone gaining access to the site should be made aware of the contents of this report, and should consider the presence of friable, damaged ACM when preparing operations and safety plans for on-site activities.

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SECTION 2.0 GENERAL ASBESTOS PRESENCE AND ABATEMENT APPROACHES

2.1 GENERAL ASBESTOS PRESENCE

Asbestos-containing materials are present throughout the complex in approximately 20-25 types of materials, depending on how material types are grouped. Our preliminary quantity estimates indicate these materials total to approximately 1,175,000 square or linear feet of ACM.

The most obvious ACM presence is in the asbestos-cement products including siding, roofing and pipe, which are Category II Non-Friable material per the Environmental Protection Agency's NESHAP (National Environmental Standard for Hazardous Air Pollutants) regulation definitions. Approximately 400,000 square feet of this material exists on structures throughout the complex.

Another major type of ACM on-site is the asphalt-impregnated roofing membranes and the separate, but related construction paper/vapor barrier material used as an underlayment for flooring, siding and roofing. These materials account for approximately 436,000 and 31,500 square feet respectively, and are generally placed in Category I Non-Friable material classification per NESHAP definition, depending on their condition.

High quantities of ACM thermal system insulation exist in the complex in some locations, including duct insulation, pipeline insulation and insulation on tanks, burners, boilers, etc. These materials exist mainly in the lead smelter and the zinc plant though they may be found in other facilities within the complex. These materials are Friable materials per EPA NESHAP definition.

The remaining ACM material types are divided between standard building products including flooring materials, surface materials, mastics, gaskets, acoustic tile and other materials. Several of these materials are actually in storage areas or stock-piled on-site.

The largest quantity of ACM on-site exists within the zinc plant. Large quantities are found in the lead smelter, with declining quantities in the phosphoric acid plant and other miscellaneous facilities within the scope of this survey. It should be noted that the materials do exist throughout the complex, and their presence is not necessarily obvious or predictable. Due to access limitations and the complexity of the facilities, it should be assumed that some materials were not found and sampled.

Pipe products made of asbestos-cement (transite) are evident on site, however, the extent and quantity of the buried pipelines associated with these materials is not known. This presence should be considered if site excavation activities are planned.

2.2 ABATEMENT APPROACHES

When considering abatement approaches for this complex, the following factors should be considered:

- Applicability of regulations
- Safety
- Varying site conditions

A brief discussion of these factors follows.

The regulations that apply directly to the asbestos abatement of the Bunker Hill complex are OSHA 29 CFR 1926.1101, Asbestos in Construction, and EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 61 Subpart M-Asbestos Provisions. No state or local asbestos regulations exist.

The OSHA regulation is new and only fully enforceable after April 10, 1995, since it is in the phased implementation stage as it replaces the interim OSHA asbestos construction industry standard. The OSHA regulation has new, more stringent respiratory protection requirements that may cause considerable abatement cost increases, if fully enforced on this project. The requirement that abatement of friable ACM take place in Type C (supplied air) respirators if the PEL may be exceeded causes the concern. Because the regulation is new, and clarifications on the intent and applicability of this provision is unclear, the effects cannot be predicted. Most abatement contractors we have contacted have not yet considered the new requirements in their project bidding approaches.

The EPA NESHAP regulation specifically covers asbestos abatement associated with renovation and demolition of structures. This regulation and numerous applicability determinations published by the EPA clarifying provisions of the regulations are of importance to this project. One important applicability determination deals with the fact that buildings declared "unsafe for occupancy" can be removed from the notification requirements under NESHAP, although that does not eliminate the requirement for proper disposal procedures for Regulated Asbestos-Containing Material (RACM). RACM is defined as friable ACM because the material exists naturally in a friable state, or non-friable ACM that has been rendered friable by the renovation or demolition activity, or ACM that has a high probability of becoming crumbled, pulverized or reduced to powder by the renovation or demolition. This provision supports demolition and segregation of RACM on the ground for structures that are "unsafe for occupancy".

Since structural safety is believed to be a question for numerous facilities within the complex, the question of who will determine this safety is tied to abatement bid approach decisions. It appears that three options exist regarding who should determine safety. A brief discussion of the options follows:

1. Demolition Abatement Contractor - The demolition/abatement contractor will be responsible for the health and safety of their workers, and they must evaluate the structures during bidding to verify quantities and determine approach for abatement, so they will be required to determine what kind of occupancy the structure will support. Traditionally safety decisions may be requested by contractors, but the decisions are made by other independent agencies or specialists when a variance or waiver of standard NESHAP regulated removal is requested. It is possible that contractors may have differing opinions on which structures are safe and which aren't based on approach, available equipment or other bid considerations, not just safety issues.

2. Local or State Agencies: Often safe occupancy decisions are made by local or state agencies with jurisdiction over property and safety matters. The question is which agency and on what basis will decisions be made. This is a complicated site with numerous types of structures and different kinds of safety issues. Whether a state or local agency is qualified and willing to review this site is not known. They may be used to confirm safety concerns directed by others. This option may require some additional investigation.

3. Consultant: The current consultant team including CH2M Hill and Converse Consultants has site and asbestos location and condition knowledge relating to the occupancy necessary to accomplish abatement. Structural expertise is also available to this team. A criteria could be established for the review of structures with review conducted of each structure containing ACM. Obviously unsafe structures would be determined, with the other structures receiving additional review from the bidding contractors. This approach costs more prior to bid, but should results in lower bids and improved safety.

Whether non-friable materials are rendered friable during demolition is another important consideration for approach on this project. The EPA Statutory Source Compliance Series provides guidance on this issue in it's publication, "A Guide to Normal Demolition Practices Under the Asbestos NESHAP". This publication further clarifies the regulation by confirming that Category I non-friable ACMs which includes packings, gaskets, resilient floor covering, and asphalt roofing products are not believed to produce significant amounts of airborne asbestos fibers during normal demolition activities, and, therefore, are RACM only when they will be or have been subjected to sanding, grinding, cutting or abrading, or they are in poor condition and friable or the structure in which they are located will be demolished by burning. A large quantity of Category 1 non-friable materials were found in our survey, and although some may be deteriorated and potentially friable, the fiber release potential is believed to be small when proper wetting techniques are used.

When preparing abatement specifications safety needs to be considered for the public, adjacent contractors and the abatement specialists. Due to Bunker Hill's deteriorated site conditions, safely accessing ACM for abatement is a consideration keenly tied to approach decisions.

During this assessment we found safety problems associated with most roofs and many floor areas. We also found severely deteriorated concrete catwalks, failing steel stairways, and numerous missing walls and floor areas due to salvage operations. These types of concerns are wide-spread and make approach decisions difficult without a structure by structure safety evaluation.

Safety of adjacent contractors or the public will only be a consideration if buildings are demolished prior to abatement. Natural separation at the site permits appropriate precautions to prevent migration of airborne contaminants at the time of demolition. Precaustions would include dust mitigation measures, not working in high winds and other standard practices for demolition projects.

The size of the complex leads to the desire to create a unified approach to the whole project or major portions of the project. This is complicated somewhat by the varying conditions of the structures and the varying conditions and locations of the ACM. These factors tend to lead to a structure-by-structure approach, within developed guidelines.

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3.0 ABATEMENT COST ESTIMATES

The following abatement cost estimates are order of magnitude estimates. Due to the complexity of the site, questions regarding phasing, approach, safety and actual control of the process, this can only be considered an order of magnitude or very preliminary estimate. This estimate does not consider increased costs due to new OSHA requirements.

The basis of our cost estimates are historic cost figures from Converse/Bison experience bidding over 1000 projects. Costs were adjusted for the Bunker Hill complex due to site safety and access requirements. We compared abatement bids we received from OHM for the fire hazard buildings, however, many of the ACM types in the complex were not present in the fire hazard structures.

To assist in bracketing costs for abatement, we have estimated two approaches. The first approach includes total removal of all EPA and OSHA defined ACM, and this estimate is titled ABATEMENT OPTION 1 on the estimate that follows. Though, it is felt to be impractical for safety reasons, the cost was meant to provide a high-side estimate. .

The second approach is removal of only friable and Category II non-friable materials, with Category 1 non-friable materials demolished in place with the structure. The Category I materials would be handled as standard construction debris on-site. This estimate is titled ABATEMENT OPTION 2.

The total cost of Abatement Option 1 is $4,619,575 and the total for Abatement Option 2 is $3,134,185. As is evident, the approach decisions are key to the abatement costs. With new OSHA requirements, unanswered questions on approach and phasing, the potential for other ACM on site, and indefinite quantities of transite pipe buried on-site, the actual cost could easily exceed this high-side estimate. However, with demolition of unsafe structures and segregation of friable ACM on the ground the cost could be lower than the low-side estimate.

The following cost estimation sheets have costs itemized for the Lead Smelter, Phosphoric Acid Plant, Zinc Plant and then for Miscellaneous Sites.

ABATEMENT OPTION 1 - TOTAL ACM REMOVAL

Material		Unit Rate Total Quantity		Lead Smelter		Phosphorus Plant		Zinc Plant		Miscellaneous Sites	
	Description	Quantity	Unit Rate	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
AT	Acoustic Tile	4000	2.00/s.f.	4,000	8,000.00	0	--	0	--	0	--
BI	Boiler Insulation	25	15.00/s.f.	0	--	0	--	0	--	25	375.00
CA/CB	Cement Asbestos	399,757	2.00/s.f.	98,076	196,152.00	60,250	120,500.00	237,767	475,534.00	3664	7328.00
FT	Floor Tile Only	5,119	2.00/s.f.	2,748	5,496.00	0	--	1,071	2,142.00	1300	2,600.00
CP/VP	Construction Paper	31,582	1.50/s.f.	27,182	40,773.00	0	--	4,400	6,600.00	0	--
D	Debris	13,382	2.00/s.f.	1,000	2,000.00	0	--	12,382	24,764.00	0	--
DI	Duct Insulation	32,710	15.00/s.f.	380	5,700.00	0	--	32,330	484,500	0	--
DW	Dry Wall	5,000	5.00/s.f.	3,250	16,250.00	0	--	1,000	5,000.00	750	3,750.00
EJ	Expansion Joint	1,545	15.00/s.f.	1,320	19,800.00	120	1,800.00	105	1,575.00	0	--
FS	Flooring Sheet	3,735	2.00/s.f.	2,550	5,100.00	375	750.00	260	520.00	550	1,100.00
FT/M	Floor Tile & Mastic	1,215	2.00/s.f.	865	1,730.00	200	400.00	150	300.00	0	--
G	Gaskets	2,134	1.00/s.f.	388	388.00	0	--	1,746	1,746.00	0	--
M	Mastic	2,368	2.50/s.f.	1,500	3,750.00	300	750.00	568	1,420.00	0	--
MISC.	Miscellaneous	108,446	4.00/sf/lf	46,014	184,056.00	360	1,440.00	15,698	62,792.00	0	--
PF	Pipe Fitting	426	20.00/s.f.	126	2,520.00	276	5,520.00	24	480.00	0	--
PR	Pipe Run (includes PR/PF)	36,814	15.00/l.f.	13,935	209,025.00	20	300.00	22,212	333,180.00	650	9,750.00
R	Roofing	436,279	3.00/s.f.	196,986	590,958.00	71,784	215,352.00	166,929	500,787.00	880	2,640.00
S	Surfacing	19,130	4.00/s.f.	2,938	11,752.00	0	--	16,200	64,800.00	0	--
TI	Tank Insulation	54,545	15.00/s.f.	2,373	35,595.00	4,045	60,675.00	48,002	720,030.00	125	1,875.00
TIDI	Tank/Duct Insulation	15,000	10.00/s.f.	15,000	150,000.00	0	--	0	--	0	--
PJ/PI	Pipe Jacket	1,941	5.00/l.f.	925	4,625.00	0	--	566	2,830.00	0	--
TOTAL:		**$4,619,575.00**			**$1,493,670.00**		**$407,487.00**		**$2,689,000.00**		**$29,418.00**

ABATEMENT OPTION 2 - REMOVAL OF FRIABLE AND CATEGORY II NON-FRIABLE ACM

Material		Unit Rate Total Quantity		Lead Smelter		Phosphorus Plant		Zinc Plant		Miscellaneous Sites	
	Description	Quantity	Unit	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
AT	Acoustic Tile	4000	2.00/s.f.	4,000	8,000.00	0	--	0	--	0	--
BI	Boiler Insulation	25	15.00/s.f.	0	--	0	--	0	--	25	375.00
CA/CB	Cement Asbestos	399,757	2.00/s.f.	98,076	196,152.00	60,250	120,500.00	237,767	475,534.00	3664	7328.00
DI	Duct Insulation	32,710	15.00/s.f.	380	5,700.00	0	--	32,330	484,500	0	--
DW	Dry Wall	5,000	5.00/s.f.	3,250	16,250.00	0	--	1,000	5,000.00	750	3,750.00
EJ	Expansion Joint	1,545	15.00/s.f.	1,320	19,800.00	120	1,800.00	105	1,575.00	0	--
MISC.	Miscellaneous	108,446	4.00/sf/lf	46,014	184,056.00	360	1,440.00	15,698	62,792.00	0	--
PF	Pipe Fitting	426	20.00/s.f.	126	2,520.00	276	5,520.00	24	480.00	0	--
PR	Pipe Run (includes PR/PF)	36,814	15.00/l.f.	13,935	209,025.00	20	300.00	22,212	333,180.00	650	9,750.00
S	Surfacing	538	6.00/s.f.	538	3,228.00	0	--	0	--	0	--
TI	Tank Insulation	54,545	15.00/s.f.	2,373	35,595.00	4,045	60,675.00	48,002	720,030.00	125	1,875.00
TIDI	Tank/Duct Insulation	15,000	10.00/s.f.	15,000	150,000.00	0	--	0	--	0	--
PJ/PI	Pipe Jacket	1,941	5.00/l.f.	925	4,625.00	0	--	566	2,830.00	0	--
TOTAL:		$3,134,185.00			$834,951.00		$190,235.00		$2,085,921.00		$23,078.00

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SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **MC-30 Tank (Settling)(2)** Square Feet 2500 Floors: 1 Fire Ranking: Coordinates: E-4

Other Factors: Metal Tanks; North tank has a wood cover with roofing. Piping with black jacket and aircell inside runs from S-33 to tanks. Both tanks have insulation residue on parts of tank bodies.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PJ	Black pipe jacket	East side of north tank. On 8" line.	300	LF	155	ND	On 6" aircell insulated line from S-33, & on 8" line over fiberglass to S-6 & beyond toward S-5, S-9.
		Material Total:	**300**				
PR	Aircell pipe insulation	West side at tank base	60	LF	151	60-80	On 4" O.D. pipe. Some aircell debris at base of tanks.
		Material Total:	**60**				
R	Roofing	Top of North Tank	0		978	ND	See sample # 150 for QT. Resampling 10/21/94.
R	Roofing	Top of North Tank	0		977	ND	See sample # 150 for QT. Resampling 10/21/94.
R	Roofing	Top of North Tank	1250	SF	150	ND	
		Material Total:	**1250**				
S	Tank Body insulation residue	North end of North Tank	0		153	NA	
S	Tank Body insulation residue	North end of North Tank	0		154	NA	
S	Tank Body insulation residue	North end of North Tank	2400	SF	152	5-10	
		Material Total:	**2400**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **MC-31 Tank** Square Feet 600 Floors: 1 Fire Ranking: Coordinates: F-5

Other Factors: Small shed is on east side of Tank; roofing suspect, insulation pad inside shed sampled. No suspect materials on Tank.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Insulation Pad	Inside shed on Electrical Panel	3	SF	137	80-90	Pad behind Electrical Panel.
		Material Total:	**3**				
R	Roofing	On shed roof	64	SF		Assume	
		Material Total:	**64**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **MC-33 Tank** Square Feet 700 Floors: 1 Fire Ranking: Coordinates: G-6

Other Factors: Metal Tank

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	N. side of Tank at Base	200	SF	136	ND	Roofing is on structure at base of tank on north side.
		Material Total:	**200**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **MC-4 Tank** Square Feet 500 Floors: Fire Ranking: Coordinates: E-5

Other Factors: Collapsed - Wood - No suspect ACM

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.

Material Total: 0

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **MC-43 Oil House** Square Feet 500 Floors: Fire Ranking: Coordinates: G-8

Other Factors: Built in 1979. Oil house and adjacent office bldg S-57 (200 SF).

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	CAB transite shingle	South Center, between and above doors	50	SF	580	20-30	Transite shingles in center of oil house bldg 50-57
		Material Total:	**50**				
MT	Mortar from Pumice Block Wall	SW Corner, Exterior Block	950	SF	578	ND	Bldg MC - 43
MT	Mortar from pumice block wall	South Wall, Pumice Block	540	SF	577	ND	Small office SW of oil house bldg S-57
MT	Mortar from Pumice Block Wall	South Center Exterior Block	0		579	ND	See #578 for QT & comment.
		Material Total:	**1490**				
R	Rolled Roofing	North west corner of roof	380	SF	1489	ND	Assumed ACM Rolled Roofing bldg MC-43. Resampled 10/21/94.
R	Rolled Roofing	North west corner of roof	0		1491	ND	See #1489 for QT & comment.
R	Rolled Roofing	North west corner of roof	0		1490	ND	See #1489 for QT & comment.
R	Silver painted rolled roofing	North west corner of roof	200	SF	581	1-3 top; whole <1	Top layer 1-3%; all layers combined < 1%. Small office S & W of Oil House Bldg. S-57
		Material Total:	**580**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-01 General Office Bldg** Square Feet 7000 Floors: 2 Fire Ranking: Coordinates: D,8

Other Factors: No access to crawl space or partial basement

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	1x1 Acoustic Tile	F-1 Ceiling Central East.	0		727	ND	See sample # 725 for QT and comments.
AT	1x1 Acoustic Tile	F-1 Ceiling Central East.	4000	SF	725	not received by lab	Wood Spline
AT	1x1 Acoustic Tile	F-1 Ceiling Central East.	0		726	ND	See sample # 725 for QT and Comments.
		Material Total:	**4000**				
DW	Sheet Rock	Floor 2 Center NE Partition Walls	0		732	ND	See # 731 for QT.
DW	Sheet Rock	Floor 2 Center NE Partition Walls	500	SF	731	ND	
DW	Sheet Rock	Floor 2 Center NE Partition Walls	0		733	ND	See #731 for QT.
		Material Total:	**500**				
FS	Sheet Floor	Floor 1 Central East.	0		730	not received	See # 728 for QT.
FS	Sheet Floor	Floor 1 Central East.	2000	SF	728	ND	
FS	Sheet Floor	Floor 1 Central East.	0		729	ND	See # 728 for QT.
		Material Total:	**2000**				
FT	9x9 Floor Tile Red & Black	F-1 Floor Central East.	0		723	1-3	See # 722 for QT.
FT	9x9 Floor Tile Red & Black	F-1 Floor Central East.	0		724	1-3	See # 722 for QT.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-01 General Office Bldg** Square Feet 7000 Floors: 2 Fire Ranking: Coordinates: D,8

Other Factors: No access to crawl space or partial basement

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FT	9x9 Floor Tile Red & Black	F-1 Floor Central East.	1000	sf	722	1-3	
FT	9x9 Floor Tile Tan	F-1 Floor Entry S.	0		720	1-3	See # 719 for QT and comment.
FT	9x9 Floor Tile Tan	F-1 Floor Entry S.	400	SF	719	1-3	Wood Subfloor
FT	9x9 Floor Tile Tan	F-1 Floor Entry S.	0		721	1-3	See #719 for QT and comment.
FT	White 12x12 Floor Tile	F-2 Partition Wall SW	150	sf	734	1-3	
FT	White 12x12 Floor Tile	F-2 Partition Wall SW	0		735	1-3	See # 734 for QT.
FT	White 12x12 Floor Tile	F-2 Partition Wall SW	0		736	1-3	See # 734 for QT.
		Material Total:	**1550**				
MT	Brick mortar	All Exterior Walls	4000	SF	713	ND	Red brick-gray mortar
MT	Brick mortar	All Exterior Walls	0		714	ND	See #713 for QT and comments
MT	Brick mortar	All Exterior Walls	0		715	ND	See #713 for QT and comments
		Material Total:	**4000**				
P	Plaster (Walls & Ceilings)	F-1 Interior Walls	0		718	ND	See #716 for QT and comments
P	Plaster (Walls & Ceilings)	All Interior Walls	8000	SF	716	ND	On wood lath - Typical floor 1 and 2

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-01 General Office Bldg** Square Feet 7000 Floors: 2 Fire Ranking: Coordinates: D,8

Other Factors: No access to crawl space or partial basement

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
P	Plaster (Walls & Ceilings)	F-1 Interior Walls	0		717	ND	See #716 for QT and comments
		Material Total:	**8000**				
R	Green Comp. Shingle Roof	Roof	3000	SF	737	ND	
R	Green Comp. Shingle Roof	Roof	0		739	ND	See # 737 for QT.
R	Green Comp. Shingle Roof	Roof	0		738	ND	See # 737 for QT.
		Material Total:	**3000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-02 Parking Shed** Square Feet 4800 Floors: 1 Fire Ranking: Coordinates: D,8

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	Entire Roof	4800	SF		Assume	Typical to S-13 roof
		Material Total:	**4800**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-03 Gate & Dry House** Square Feet 8400 Floors: 1 Fire Ranking: Coordinates: D,10

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	1x1 Acoustic Tile	N. Offices	300	SF	706	ND	
AT	1x1 Acoustic Tile	N. Offices	0		708	ND	See # 706 for QT.
AT	1x1 Acoustic Tile	N. Offices	0		707	ND	See # 706 for QT.
AT	1x1 AT smooth	S. Offices	0		702	ND	See # 700 for QT.
AT	1x1 AT smooth	S. Offices	250	sf	700	ND	
AT	1x1 AT smooth	S. Offices	0		701	ND	See # 700 for QT.
		Material Total:	**550**				
CA	Transite - Corrugated Panels	Exterior Walls	4800	SF	693	10-20	2 story structure up to 20"
		Material Total:	**4800**				
FS	Linoleum sheet floor	S. Offices	0		704	60-70	See # 703 for QT.
FS	Linoleum sheet floor	S. Offices	800	SF	703	60-70	
FS	Linoleum sheet floor	S. Offices	0		705	60-70	See # 703 for QT.
		Material Total:	**800**				
FT	12" Vinyl Tile	N. Offices	0		711	<1	See # 709 for QT. tan

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-03 Gate & Dry House** Square Feet 8400 Floors: 1 Fire Ranking: Coordinates: D,10

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FT	12" Vinyl Tile	N. Offices	430	sf	709	<1	tan
FT	12" Vinyl Tile	N. Offices	0		710	<1	See # 709 for QT. tan
		Material Total:	**430**				
N	Ceramic tile grout	Showers	0		697	ND	Typical grout material
N	Ceramic tile grout	Showers	0		698	ND	QT not estimated. See #697 for comments
N	Ceramic tile grout	Showers	0		699	ND	QT not estimated. See #697 for comments
		Material Total:	**0**				
P	Plaster	All Interior Walls	0		696	ND	See #694 for QT and comments
P	Plaster	All Interior Walls	14400	SF	694	ND	On wood lath
P	Plaster	All Interior Walls	0		695	ND	See #694 for QT and comments
		Material Total:	**14400**				
PR	4" pipe run	S. Center Office	40	LF	Assume		Above drop ceiling in tank area and at 12' AFF in SW office
		Material Total:	**40**				
R	Multilayer Comp. shingle	Roof	8500	SF	712	1-3	Multilayer (5) 2 comp 3 tar felt
		Material Total:	**8500**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-03 Gate & Dry House** Square Feet 8400 Floors: 1 Fire Ranking: Coordinates: D,10

Other Factors:

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-03A Pump House** Square Feet 200 Floors: 1 Fire Ranking: Coordinates: D,9

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Felt wrap on piping	Pump House north to slag pile	750	LF	692	50-60	Travels from S-3A to slag pile
		Material Total:	**750**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire,Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-04 Lead Storage Shed** Square Feet 0 Floors: 0 Fire Ranking: Coordinates: D, 6-7

Other Factors: Demolished structure

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-05 Storage Building** Square Feet 3500 Floors: 3 Fire Ranking: 9 Coordinates: E,5

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	12" Accoustic Ceiling Tile	Level 1 SE Office Room	0		161	ND	Damaged Badly
AT	12" Accoustic Ceiling Tile	Level 1 SE Office Room	125	sf	159	ND	Damaged Badly
AT	12" Accoustic Ceiling Tile	Level 1 SE Office Room	0		160	ND	Damaged Badly
		Material Total:	**125**				
CA	Transite Debris	North side of Bldg outside	200	sf	169	20-30	Debris appears to be from demolished shack north of main bldg.
		Material Total:	**200**				
FT/M	12" Brown Floor Tile w/ mastic	Level 1 SE Office Room	0		163	ND	Damaged Badly
FT/M	12" Brown Floor Tile w/ mastic	Level 1 SE Office Room	0		164	ND	Damaged Badly
FT/M	12" Brown Floor Tile w/ mastic	Level 1 SE Office Room	125	sf	162	ND	Damaged Badly
		Material Total:	**125**				
G	Gasket	Level 2 West Side	5	sf	158	60-70	Several loose gaskets on ground seen
		Material Total:	**5**				
M	Cove Base Mastic	Level 1 SE Office Room	45	lf	165	ND	on 2" baseboard
M	Cove Base Mastic	Level 1 SE Office Room	0		166	ND	
M	Cove Base Mastic	Level 1 SE Office Room	0		167	ND	

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-05 Storage Building** Square Feet 3500 Floors: 3 Fire Ranking: 9 Coordinates: E,5

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**45**				
MS	Grey Jacket Debris	North End of Main Bldg Outside	100	SF	171	40-50	Loose on ground outside main bldg & on framing outside N end of bldg.
MS	Rope material	Level 1, east side near door	0		960	ND	See #168 for QT. Resample 10/21/94.
MS	Rope material	Level 1, east side near door	0		959	ND	See #168 for QT. Resample 10/21/94.
MS	Rope Material	Level 1 East side near door	20	lf	168	ND	Rope is coiled & loose on ground (ND)
		Material Total:	**120**				
PR	Pipe Jacket (Black) and lagging (white)	North end outside building	105	LF	170	10-20	4" OD lagging runs along north & east sides. Pipe continues to S-09 but becomes fiberglas at SE corner of S-05.
		Material Total:	**105**				
R	Roofing	Lower rool on small externsion at north end of main bldg	3500	SF	172	ND	
R	Roofing	Lower roof on small extension at N. end of bldg.	0		962	<1	Sample taken on main roof.
R	Roofing	Lower roof on small extension at N. end of bldg.	3500	SF	961	<1	Sample taken on main roof.
		Material Total:	**7000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-06 Acid Tank Building** Square Feet 600 Floors: Fire Ranking: Coordinates: E,4

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing (black) Tar/Felt	North end of roof	600	sf	157	3-5	Typical material
		Material Total:	**600**				
VP	Vapor Barrier (Black Felt)	North end of bldg, under corregated metal panel	1800	sf	156	ND	Typical material
		Material Total:	**1800**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-07 Brick Shed** Square Feet 4600 Floors: 1 Fire Ranking: 9 Coordinates: E,5

Other Factors: Note, Bags of fire clay (ground) and mortar stored in bldg; no labeling on bags saying material contains asbestos

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	12" ceiling tile	North end room on west side	0		141	ND	See #139 for QT.
AT	12" ceiling tile	North end room on west side	300	SF	139	ND	
AT	12" ceiling tile	North end room on west side	0		140	ND	See #139 for QT.
		Material Total:	**300**				
FB	Fire Bricks	SW Corner	1750	SF	147	ND	35 pallets, each 50 SF. 3 types of bricks
FB	Fire Bricks	East wall middle	0		149	ND	See #147 for QT & comment.
FB	Fire Bricks	East wall middle	0		148	ND	See #147 for QT & comment.
		Material Total:	**1750**				
MS	Insulation Sheet	NW corner room	3	sf	142	70-80	Loose sheet in NW room
MS	Loose piece of black insulation	SW Corner	42	sf	144	ND	Loose Black insulation
MS	Loose piece of black insulation	SW Corner	0		145	ND	See #144 for QT & comment.
MS	Loose piece of black insulation	SW Corner	0		146	ND	See #144 for QT & comment.
		Material Total:	**45**				
PR	Pipe Lagging	Center area	60	LF	143	30-40	4" OD pipe. Black jacket is over lagging. Not sampled; same as SH-23
		Material Total:	**60**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-07 Brick Shed** Square Feet 4600 Floors: 1 Fire Ranking: 9 Coordinates: E,5

Other Factors: Note, Bags of fire clay (ground) and mortar stored in bldg; no labeling on bags saying material contains asbestos

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing; silver paint on black tar/felt	South end of roof	0		963	<1	Resample 10/21/94.
R	Roofing; silver paint on black tar/felt	South end of roof	5000	sf	138	ND	
R	Roofing; silver paint on black tar/felt	South end of roof	0		964	<1	Resample 10/21/94
		Material Total:	**5000**				
S	(Gunnite) Spray-on wall materials	Interior north-south walls	2500	sf		ND	Not sampled, same as in S-64
		Material Total:	**2500**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-08 Change Room** Square Feet 1000 Floors: 1 Fire Ranking: 9 Coordinates: E-5

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	1 x 1 AT	Southwest office ceiling	100	SF	632	ND	Typical 1x1 acoustic tile (A.T.)
AT	1 x 1 AT	Southwest office ceiling	0		639	ND	See #632 for QT and comments
AT	1 x 1 AT	Southwest office ceiling	0		638	ND	See #632 for QT and comments
AT	2 x 4 acoustic tile	S. Ctr. Hallway	0		637	ND	See #634 for QT and comments
AT	2 x 4 acoustic tile	S. Ctr. Hallway	100	SF	634	ND	Typical 2x4 A.T.
AT	2 x 4 acoustic tile	S. Ctr. Hallway	0		636	ND	See #634 for QT and comments
		Material Total:	**200**				
DW	Sheetrock	Partition walls, SW office	0		645	ND	Group with sheetrock in S-01
		Material Total:	**0**				
FT	12" vinyl tile	Southwest office floor	100	sf	633	ND	
FT	12" vinyl tile	Southwest office floor	0	sf	1458	1-3	See sample # 633 for QT. Resampling 10/20/94.
FT	12" vinyl tile	Southwest office floor	0	sf	1459	NA	See sample # 633 for QT. Resampling 10/20/94.
		Material Total:	**100**				
MS	Ceramic tile grout & mastic	Ceramic tile grout & mastic	100	sf	635	ND	

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-08 Change Room** Square Feet 1000 Floors: 1 Fire Ranking: 9 Coordinates: E-5

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Ceramic tile grout & mastic	Ceramic tile grout & mastic	0	sf	1463	ND	See sample # 635 for QT. Resampling 10/20/94.
MS	Ceramic tile grout & mastic	Ceramic tile grout & mastic	0	sf	1464	ND	See sample # 635 for QT. Resampling 10/20/94.
		Material Total:	**100**				
PF	6 mudded fittings	South exterior	6	EA	1469	ND	8' to 12' abouve ground
		Material Total:	**6**				
PR	Pipe run	South exterior	30	lf	630	ND	8' to 12' above ground
PR	Pipe run	South exterior	0	lf	1468	ND	See sample # 630 for QT. Resampling 10/20/94. 8' to 12' above ground
PR	Pipe run	South exterior	0	lf	1467	ND	See sample # 630 for QT. Resampling 10/20/94. 8' to 12' above ground
		Material Total:	**30**				
R	Comp shingle	Roof NW corner	100	sf	642	ND	
R	Comp shingle	Roof NW corner	0	sf	1466	ND	See sample # 642 for QT. Resampling 10/20/94.
R	Comp shingle	Roof NW corner	0	sf	1465	ND	See sample # 642 for QT. Resampling 10/20/94.
R	Rubber Roll	Roof	900	SF	640	ND	
R	Rubber Roll	Roof	0	SF	1461	ND	See sample # 640 for QT. Resampling 10/20/94.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-08 Change Room** Square Feet 1000 Floors: 1 Fire Ranking: 9 Coordinates: E-5

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Rubber Roll	Roof	0	SF	1460	ND	See sample # 640 for QT. Resampling 10/20/94.
R	Rubber Roll	Roof	0	SF	1462	ND	QA/QC sample of 1461. See sample # 640 for QT. Resampling 10/20/94.

Material Total: 1000

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-09 Gold & Silver Refinery** Square Feet 7000 Floors: Fire Ranking: 9 Coordinates: E-5

Other Factors: No interior suspect materials

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Felt	Beneath ext. metal wall	20	sf	644	ND	Under all metal exterior walls
		Material Total:	**20**				
R	Roof - roll built up	Roof	7000	SF	641	5-10	<1" thick at sample location
		Material Total:	**7000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-09A addition to S-9** Square Feet 2000 Floors: 1 Fire Ranking: 9 Coordinates: E-5

Other Factors: No suspect building materials

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Crushed debris on floor--dark gray	Center floor	0		1440	ND	See #621 for QT
MS	Crushed debris on floor--dark gray	Center floor	0		1441	ND	See #621 for QT
MS	Crushed debris on floor--dark gray	Center floor	5	CF	621	ND	
MS	Crushed debris on floor--tan	Center	3	CF	622	ND	
MS	Crushed debris on floor--tan	Center	0		1439	ND	See # 622 for QT
MS	Crushed debris on floor--tan	Center	0		1438	ND	See #622 for QT
		Material Total:	**8**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-10 Retort Bldg** Square Feet 13500 Floors: 1 Fire Ranking: 9 Coordinates: E,5

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	Acoustic Tile	SW Office	0		628	ND	See # 627 for QT.
AT	Acoustic Tile	SW Office	0		629	ND	See # 627 for QT.
AT	Acoustic Tile	SW Office	100	sf	627	ND	
		Material Total:	**100**				
FS	Floor sheeting	North Entry	200	SF	631	50-60	Concrete floor
FS	Floor sheeting	SW Office	100	sf	626	50-60	
		Material Total:	**300**				
MS	Fluffy material cotton like	S center area on shelf	1	CF	623	ND	Concrete floor
MS	Insulation		0		1445	ND	Same as sample #623
MS	Insulation		0		1446	ND	Same as sample #623
		Material Total:	**1**				
MT	Fire brick mortar		0		1473	ND	Same as sample #624
MT	Fire brick mortar		0		1472	ND	Same as sample #624
MT	Fire brick mortar	Center East/West	2000	SF	624	ND	Kilns mortar

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-10 Retort Bldg** Square Feet 13500 Floors: 1 Fire Ranking: 9 Coordinates: E,5

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MT	Red brick mortar	Interior Walls	0		1471	ND	Same as sample #625
MT	Red brick mortar	Interior walls	0		1470	ND	Same as sample #625
MT	Red brick mortar	Interior walls	2000	SF	625	ND	All red brick walls
		Material Total:	**4000**				
PR	insulation on pipe	South of kiln wall center of structure	5	LF	648	21-33	Pipe uninsulated on @ side of TSI
		Material Total:	**5**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-12 Cupel Room** Square Feet 3600 Floors: 1 Fire Ranking: Coordinates: E,6

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Insulation	Between flue & east wall	0		1443	ND	Found on shelf. See # 1442 for QT & comment.
PR	Insulation	Between flue & east wall	0		1444	ND	QA/QC of #649, 1442, 1443
PR	Insulation around duct	East wall between flue & wall, 6' to 15' AFF	4	ea	649	ND	4 flues with 2' dia. Material between flue & brick
PR	Insulation around flue	Between flue & east wall	25	SF	1442	ND	4 flues with 2' dia. White fluffy insulation. Same as #649
PR	Pipe runs	South center 25'	25	LF	Assume		No access 25' AFF. Typical ACM type.
		Material Total:	**54**				
S	Plaster on red brick	Southeast Corner	0		1474	ND	Same as #646
S	Plaster on red brick	Southeast Corner	0		1475	ND	Same as #646
S	Plaster on red brick wall	Southeast corner	0		646	ND	Partially removed
		Material Total:	**0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-13, Lead Refinery Bldg** Square Feet 25,900 = Base (3 Floors: 3 Fire Ranking: Coordinates: E-6

Other Factors: South ramp to Level 2 exterior is littered with transite debris.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite Panels - typical	NW level 2, locker room	1000	SF	659	50-60	On locker room interior walls & south center columns
		Material Total:	**1000**				
MS	Blanket	South Center, Level 2	80	SF	663	60-70	Draped over railing
		Material Total:	**80**				
MT	Brick Mortar	Level 1 Tank interior	0		654	ND	QT not estimated.10 tanks, Levels 1 & 2
MT	Brick mortar	Square brick flue at SW level 2	0		653	ND	QT not estimated. 10 tanks, Levels 1 & 2
MT	Brick Mortar	Round tanks interior brick	0		652	ND	QT not estimated. 10 tanks, Levels 1 & 2
		Material Total:	**0**				
PR	Cement interior lining of 3' dia. flue	West Wall and NW Pentrates West to exterior level 2	200	LF	650	ND	Inside 2" thick cementitious material
PR	Extra samples of 651 fiberglass wrap	Level 2	0		655	ND	See #651 for QT & comment. 651, 655, 656 test to 1st.
PR	Extra samples of 651 fiberglass wrap	Level 1	0		656	ND	See #651 for QT & comment.
PR	Felt wrap on fiberglass pipe run	Exterior west end of north wall	18	LF	664	ND	Typical felt wrap found in many areas around plant
PR	Fiberglass type insulation with cloth wrap 3/4"	NW at platform level 1	200	LF	651	ND	Typical fiberglass insulation
PR	Flue insulation	N. Center of structure	20	LF	647	20-30	2' dia.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-13, Lead Refinery Bldg** Square Feet 25,900 = Base (3 Floors: 3 Fire Ranking: Coordinates: E-6

Other Factors: South ramp to Level 2 exterior is littered with transite debris.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Pipe run 4"	Vertical at south center, Level 1	50	LF	657	30-40	5' lf to 30' then south to exterior
PR	Pipe run 4", canvas wrap	NW offices, level 1	50	LF	658	10-20	30 at ceiling, 20 on floor
PR	Pipe run 4", metal wrap lagging	South of cool tower, brick flue on beam	30	LF	Assume		20 feet above ground on level 2
		Material Total:	**568**				
R	Roofing	Roof	25900	SF	660	1-3	
R	Roofing	Roof	0		662	1-3	See #660 for QT.
R	Roofing	Roof	0		661	1-3	See #660 for QT.
		Material Total:	**25900**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	C	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-14 Blast Furnace Bldg.** Square Feet 15700 Floors: Fire Ranking: Coordinates: E,7

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	Acoustic tile 2x4	Level 2 south office area	900	SF	674	ND	Typical 2x4 acoustic tile (AT)
AT	Acoustic tile 2x4	Level 2 south office area	0		675	ND	See # 674 for QT & comment.
AT	Acoustic tile 2x4	Level 2 south office area	0		676	ND	See # 674 for QT & comment.
		Material Total:	**900**				
G	Cloth pipe wrap	East of furnace	20	LF	677	70-80	Some disconnected pipe on ground/ level 2 vertical runs
		Material Total:	**20**				
MS	Cement on blast furnace	South center of structure	0		680	ND	See # 678 for QT & comment.
MS	Cement on blast furnace	South center of structure	1000	lf	678	ND	4" thick cementitious
MS	Cement on blast furnace	South center of structure	0		679	ND	See # 678 for QT & comment.
		Material Total:	**1000**				
R	Roll hot mop	Entire roof	15700	SF	Assume		Typical of S-15 structure roof
		Material Total:	**15700**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-15, Slag Fuming Plant** Square Feet 15000 Floors: 6 Fire Ranking: Coordinates: E-8

Other Factors: Extremely dusty with debris etc., & corrosion of structure

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DI	Insulation on wire lathe	SW area coal pulverizers-exterior flue risers	150	LF	681	10-20	On 2' diameter exhaust flue. 3 flues, 50' each
		Material Total:	**150**				
PR	Chiller outlet - 2' dia. elbow	NW area, pump room	3	LF	684	23-35	2' dia. line
PR	Pipe insulation, < 8" dia. lines	NW area, pump room	1500	LF	682	10-20	<8" dia.
PR	Pipe insulation, >8" dia. lines	All areas	1800	LF	686	1-3	>8" dia. lines. All levels
		Material Total:	**3303**				
R	Roll hot mop	Roof	0		691	1-3	
R	Roll hot mop	Roof	0		690	1-3	
R	Roll hot mop	Roof	15000	SF	689	<1	
		Material Total:	**15000**				
TI	Tank insulation	Level 3	0		687	4-8	See #683 for QT. Tank insulation.
TI	Tank insulation	NW area, pump room	1800	SF	683	5-10	5 tanks and headers, typical material
TI	Tank insulation	Level 2 SE	0		688	4-8	See #683 for QT. Tank insulation
TI	Tank insulation	Level 1, north center	0		685	ND	See #683 for QT. Tank insulation.
		Material Total:	**1800**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	C	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-15, Slag Fuming Plant** Square Feet 15000 Floors: 6 Fire Ranking: Coordinates: E-8

Other Factors: Extremely dusty with debris etc., & corrosion of structure

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-16, Electric Housse** Square Feet 900 Floors: 1 Fire Ranking: Coordinates: E-9

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	1' x 2' ceiling tile	SE area	100	sf	245	ND	
AT	1' x 2' ceiling tile	SE area	0		246	ND	See #245 for QT.
AT	1' x 2' ceiling tile	SE area	0		247	ND	See #245 for QT.
		Material Total:	**100**				
DW	Drywall (1/4")	SE area	700	sf	248	ND	Drywall is on entire ceiling behind plywood or ceiling tile
		Material Total:	**700**				
MS	Insulation blocks (cementitious)	Outside bldg, east side on ground	25	sf	250	10-20	Broken pieces of debris on ground outside the bldg
		Material Total:	**25**				
R	Roofing	NW corner of roof	1050	sf	249	3-5	
		Material Total:	**1050**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17, Zinc Baghouse** Square Feet 7100 Floors: Fire Ranking: Coordinates: E-9

Other Factors: Includes zinc cooler to south and lead coller to north

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Expansion joint	Yellow ducting	160	lf	1258	20-30	1' wide, 12' diameter (4 times)
MS	Hopper door gasket	Zinc, level 2	500	LF	1264	60-70	10 lf x 50 doors. Gasket meterial: rope type 1" dia. No adhesive observed
MS	Rope	Lead cooler NW stairs	20	LF	Assume		
		Material Total:	**680**				
PR	6 " felt wrap	Lead cooler	300	lf	Assume		
PR	6" diameter laggiing	NW exterior rooms	300	lf	Assume		Debris on SE floor, runs interior and exterior
PR	Felt wrap on fiberglass	SW of bldg	40	lf	1259	ND	
PR	Felt wrap on fiberglass	SW of bldg	0		1260	ND	See #1259 for QT.
PR	Felt wrap on fiberglass	SW of bldg	0		1261	ND	See #1259 for QT.
PR	Metal jacket lagging	Zinc Cooler	30	lf	1257	13-25	7 feet above platform
PR	Mud elbow, metal jacket on run	Above conveyor roof	4	LF	1262	13-25	12" diameter elbow. On shed conveyor roof
PR	Pipe run, 3" diameter	West room	10	lf	Assume		3' diameter pipe.
		Material Total:	**684**				
R	Roll Roof	Roof	8000	SF	1274	1-3	Typical roof, S-13 S-14, S-15, S-17

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17, Zinc Baghouse** Square Feet 7100 Floors: Fire Ranking: Coordinates: E-9

Other Factors: Includes zinc cooler to south and lead coller to north

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roll Roof	Roof	0		1275	1-3	See #1274 for QT & comment.
R	Roll Roof	Roof	0		1276	1-3	See #1274 for QT & comment.
		Material Total:	**8000**				
TI	Tank insulation	SW room, west side	40	sf	1263	20-40	
		Material Total:	**40**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17A, Sinter Plant** Square Feet Floors: Fire Ranking: Coordinates: F-9

Other Factors: This is not a building but a large metal tank of some kind. Tank and associated catwalks and piping have 4 levels

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DI	Black jacket on 3' dia. pipe	Level 2, east side; level 3, east side; Level 4, south end	200	LF	812	5-10	Over mud on fiberglass insulation.
DI	Black jacket on 3' dia. pipe	Level 2, east side; level 3, east side; Level 4, south end	0		814	5-10	See #812 for QT & comment.
DI	Black jacket on 3' dia. pipe	Level 2, east side; level 3, east side; Level 4, south end	0		813	5-10	See #812 for QT & comment.
DI	Mud insulation (under black jacket on 3' duct	Level 4, south end	150	lf	816	ND	Mud is between black jacket and fiberglass
		Material Total:	**350**				
G	Rope gasket	West side, north end of tank	300	lf	809	60-70	1/2" wide rope gasket in 8 joints on the main 12' diameter tank
		Material Total:	**300**				
MS	Green insulation	On walls of shack, east of tank	300	sf	815	60-70	Insulation for walls of small shack on end side of tank
MS	Woven blanket material	Level 3, east side	40	SF	810	70-80	Material is 4 pieces on side of tank (each 10 SF)
MS	Woven blanket material	Level 3, east side	0		811	70-80	See #810 for QT & comment.
		Material Total:	**340**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17A1** Square Feet 1000 Floors: Fire Ranking: Coordinates: F-9

Other Factors: Roof is corregated metal panels

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FS	Linoleum	Level 3, SE office	300	sf	823	20-30	
FS	Linoleum	Level 3, SE office	0		824	20-30	See #823 for QT.
FS	Linoleum	Level 3, SE office	0		825	20-30	See #823 for QT.
		Material Total:	**300**				
FT	12' floor tile	Level 3, office	100	sf	817	1-3	
FT	12' floor tile	Level 3, office	0		818	1-3	See #818 for QT.
FT	12' floor tile	Level 3, office	0	0	819	1-3	See #818 for QT.
FT	9" floor tile	Level 3, office	100	SF	820	ND	This tile is under the 12" tile (Samples 817-819)
FT	9" floor tile	Level 3, office	0		822	ND	See #820 for QT & comment.
FT	9" floor tile	Level 3, office	0		821	ND	See #820 for QT & comment.
		Material Total:	**200**				
MS	Rope material	Level 2, SW room	20	lf	827	ND	
MS	Rope material	Level 2, SW room	0		828	ND	See #827 for QT.
MS	Rope material	Level 2, SW room	0		829	ND	See #827 for QT.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17A1** Square Feet 1000 Floors: Fire Ranking: Coordinates: F-9

Other Factors: Roof is corregated metal panels

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Woven material	Level 2, SW area	6	sf	826	70-80	Loose piece hanging from steel framing near S-17A tank
MS	Woven material on metal pipe	Level 2	10	sf	830	50-60	Same as samples 810 and 811 for S-17A
		Material Total:	**36**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17A2, Tank and Sizing Bldg** Square Feet 1600 Floors: Fire Ranking: Coordinates: F-9

Other Factors: Building and tank are demolished. No suspect materials seen in the debris

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17B, Acid Plant** Square Feet 1500 Floors: 1 Fire Ranking: Coordinates: I-8

Other Factors: Acid plant consists of 5 insulated vertical tanks/stacks, 40-60 ft high with 12-30 ft diameters, all connected with 8-10 ft diameter ducts. Plant also includes a black bldg, vertical non-insulated tanks, and cooling tower

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Corregated transite panels	Base of cooling tower in NE area of plant	400	SF	Assume		May be additional panels at edge of tower
		Material Total:	**400**				
FB	Fire brick liner	Center area, NE tank, inside vertical & horizontal parts	3500	SF	105	ND	Bricks line inside of vertical tank/flue and connected horizontal section
FB	Fire brick liner	Center area, NE tank, inside vertical & horizontal parts	0	SF	106	ND	See #105 for QT & comment.
FB	Fire brick liner	Center area, NE tank, inside vertical & horizontal parts	0	SF	107	<1	See #105 for QT & comment.
		Material Total:	**3500**				
G	Gasket	On duct above block bldg	50	EA	117	80-90	Each gasket. Similar gaskets may exist in duct joints throughout the plant
		Material Total:	**50**				
PF	Mudded pipe elbow insulation	Inside block bldg	35	LF	118	1-3	18 elbows on 3" pipe. Elbows are all on pipes going through inside of block bldg
PF	Mudded pipe elbow insulation	Inside block bldg	0	LF	120	1-3	See #118 for QT & comments.
PF	Mudded pipe elbow insulation	Inside block bldg	0	LF	119	1-3	See #118 for QT & comments.
		Material Total:	**35**				
R	Roof tar	SE area on block bldg	1500	sf	114	5-10	
R	Roof tar	SE area on block bldg	0	SF	115	5-10	See #114 for QT.
R	Roof tar	SE area on block bldg	0	SF	116	5-10	See #114 for QT.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17B, Acid Plant** Square Feet 1500 Floors: 1 Fire Ranking: Coordinates: I-8

Other Factors: Acid plant consists of 5 insulated vertical tanks/stacks, 40-60 ft high with 12-30 ft diameters, all connected with 8-10 ft diameter ducts. Plant also includes a black bldg, vertical non-insulated tanks, and cooling tower

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**1500**				
TI,DI	Black tank/duct jacket	Center area, tanks and ducts	15000	SF	108	5-10	Black jacket over mud on chicken wire & over fiberglass is on 2 tanks & various ducts. Mud assumed under metal jackets.
TI,DI	Black tank/duct jacket	Center area, tanks and ducts	0	SF	110	5-10	See #108 for QT & comments.
TI,DI	Black tank/duct jacket	Center area, tanks and ducts	0	SF	109	5-10	See #108 for QT & comments.
		Material Total:	**15000**				
TI/DI	Tank mudded insulation under black jacket, tin	Center area, tanks and ducts	27000	SF	111	ND	See #108 for QT & comments.
TI/DI	Tank mudded insulation under black jacket, tin	Center area, tanks and ducts	0	SF	113	ND	See #108 for QT & comments.
TI/DI	Tank mudded insulation under black jacket, tin	Center area, tanks and ducts	0	SF	112	ND	See #108 for QT & comments.
		Material Total:	**27000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17B, Lurgi Building** Square Feet 2000 Floors: 3-4 Fire Ranking: Coordinates: F-9

Other Factors: Roof is flat but can't be accessed-assume tar/felt ACM on roofing

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Black tar/jacket	West side of bldg	11000	SF	799	10-20	Material is under #797 tar/jacket & on top of fiberglass wool insulation
MS	Black tar/jacket	East side of bldg	0	SF	800	10-20	See #799 for QT & comments.
MS	Black tar/jacket	North side of bldg	0	SF	801	10-20	See #799 for QT & comments.
MS	Black tar/jacket on duct	Ext. wall on south side of bldg-where duct connects	1500	SF	797	3-5	On large duct from shack up the hill & west of bldg & on duct on east side of bldg
MS	Black tar/jacket on duct (outer)	South side of bldg- Ext wall	11000	SF	798	10-20	Looks same as #797 material & is outer coating on all sides of the bldg
MS	Fiberglass/wood insulation	West side of bldg	11000	SF	802	ND	6" thick on all sides of bldg; under 799-801 material
MS	Fiberglass/wood insulation	East side of bldg	0	SF	804	ND	6" thick on all sides of bldg; under 799-801 material
MS	Fiberglass/wood insulation	North side of bldg	0	SF	803	ND	6" thick on all sides of bldg; under 799-801 material
MS	Gray/black tar jacket	East side of bldg; ext. wall	11000	sf	805	20-30	Same as 798
MS	Green insulation material	On small tank at NE corner outside bldg	100	sf	807	10-20	Small tank outside bldg
MS	Green insulation material	On small tank at NE corner outside bldg	100	sf	808	30-40	Small tank outside bldg
MS	Residue	West side of bldg; ext. wall	11000	sf	806	ND	This residue is on concrete walls of bldg at back side of fiberglass/wood insulation; same residue may be inside with sample 802-804
		Material Total:	**56700**				
R	Tar/felt material	Roof	2000	SF	Assume		Assume roofing is ACM; material is inaccessible

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17B, Lurgi Building** Square Feet 2000 Floors: 3-4 Fire Ranking: Coordinates: F-9

Other Factors: Roof is flat but can't be accessed-assume tar/felt ACM on roofing

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments

Material Total: 2000

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-17C, Effluent Water Plant** Square Feet 1300 Floors: Fire Ranking: Coordinates: E-10

Other Factors: Area is dangerous due to corrosion of metal stairs and outwalks

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Elbow, mud.	Metal jacket, 6" dia. run, 20' above ground	4	EA	1253	10-20	Beneath wood platform continues into S-20. Run is fiberglass.
PR	Felt wrap 8" diameter, lagging mud on pipe run	20' above ground. Continues to Pintlar office area.	5280	lf	1256	10-20	This is MP-1 pipe run connecting lead plant to Pintlar office. > or = 1 mile.
PR	Pipe run - glass 6" diam. elbow, mud	Metal jacket	0	EA	1254	NA	See #1253 for QT & comment.
PR	Pipe run - glass 6" diam. elbow, mud	Metal jacket	0	EA	1255	NA	See #1253 for QT & comment.
		Material Total:	**5284**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-18, Car Unloading Bins** Square Feet 1200 Floors: Fire Ranking: Coordinates: E-9

Other Factors: Roof only - typical of S-14

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing felt - roll hot mop	Roof	1500	SF	Assume	>1	Typical of S-15 Samples 689, 690, 691.

Material Total: 1500

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-19, Crushing Plant** Square Feet 6500 Floors: 1 Fire Ranking: Coordinates: F-10

Other Factors: This structure includes S-19, S-20, S-21, and S-22. All exterior and interior materials are common with piping shared. Only S-22 has a separate roof.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite panels. Partition wall	Interior wall between S-19and S-20	1500	SF	Assume	>1	Common wall between S-19 and S-20 up to 30' high
CA	Transite shingles	Exterior walls	10700	SF	Assume	>1	Typical of S-20, S-21, S-22, S-44. Walls 30' to 90'
		Material Total:	**12200**				
MS	Felt	Exterior walls under transite shingles	10700	SF		ND	Typical of samples 1271, 1272, 1273
		Material Total:	**10700**				
R	Roll with silver paint	Roof	6500	SF	Assume	30-40	Typical of S-20, S-21, S-19. Sample # 1265, 1266, 1267.
		Material Total:	**6500**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-20, Preparation Plant** Square Feet 19800 Floors: Fire Ranking: Coordinates: F-10

Other Factors: This structure includes S-19, S-20, S-21, and S-22. All exterior and interior materials are common with piping shared. Only S-22 has a separate roof.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite Panels	Between S-20 and S-19	6150	SF	Assume	>1	Common walls between S-20 and S-21. Wall >30' high.
CA	Transite Shingles	Exterior walls	27040	SF	Assume	>1	Typical type with felt under. Walls to 40' high.
		Material Total:	**33190**				
MS	Felt under shingles	Exterior walls	27040	SF		ND	Typical of S-19, S-20, S-21, S-22, S-44, #1271, 1272, 1723. Assume ND.
		Material Total:	**27040**				
PR	Pipe elbows	Various: 10' to 20' above floor	30	EA	Assume	10-20	Typical of S-17C, #1253, 1254, 1255.
		Material Total:	**30**				
R	Roofing, roll with silver paint	Roof	19800	SF	Assume	30-40	Shared roof with S-19 & S-21. Samples 1265, 1266, 1267. Assume 30-40%.
		Material Total:	**19800**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-21, Bedding Plant** Square Feet 12600 Floors: Fire Ranking: Coordinates: F-10

Other Factors: This structure includes S-19, S-20, S-21, and S-22. All exterior and interior materials are common with piping shared. Only S-22 has a separate roof.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite panels	Common wall between S-21 & S-22	4950	SF	Assume	>1	
CA	Transite shingles	Exterior walls	8000	SF	Assume	>1	Typical on S-19 through S-22, and S-44
		Material Total:	**12950**				
MS	Felt under ext. CA	Exterior walls under transite shingles	8000	SF		ND	Typical of #1271, 1272, 1273.
		Material Total:	**8000**				
PR	Mud elbows	South area	10	EA	Assume	10-20	Elevation varies. Metal jacket 6" dia. run. Same material as S-17C, #1253, 1254, 1255.
		Material Total:	**10**				
R	Roll with silver paint	Roof	12600	SF	1265	30-40	Share same roof with S-19 and S-20
R	Roll with silver paint	Roof	0		1267	30-40	See #1265 for QT & comment.
R	Roll with silver paint	Roof	0		1266	30-40	See #1265 for AT & comment.
		Material Total:	**12600**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-22, Pelletizing Plant** Square Feet 5300 Floors: Fire Ranking: Coordinates: F-10

Other Factors: This structure includes S-19, S-20, S-21, and S-22. All exterior and interior materials are common with piping shared. Only S-22 has a separate roof.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite panels	Interior partition wall between S-22 & S-21	0		Assume	>1	QT accounted for in S-21. Common wall between S-22 & S-21
CA	Transite shingles	Exterior walls	17150	SF	Assume	>1	Typical of S-19, S-20, S-21, & S-44
		Material Total:	**17150**				
MS	Felt	Under transite shingles, exterior walls.	17500	SF	1271	ND	Typical of S-19, S-20, S-21 (under all shingles)
MS	Felt	Under transite shingles, exterior walls	0		1272	ND	See #1271 for QT & comment.
MS	Felt	Under transite shingles, exterior walls	0		1273	ND	See #1271 for QT & comment.
		Material Total:	**17500**				
R	Roll hot mop	Entire roof	6000	SF	1268	10-20	
R	Roll hot mop	Entire roof	0		1270	10-20	See #1268 for QT.
R	Roll hot mop	Entire roof	0		1269	10-20	See #1268 for QT.
		Material Total:	**6000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-23 Impactor Building** Square Feet 800 Floors: Fire Ranking: Coordinates: E-10

Other Factors: Includes 2 ramps connecting to S-20 and S-21. Typical materials found on S-19, S-20, S-21, S-22, & S-44.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite shingles	Exterior walls	5600	SF	Assume	>1	Typical shingles as S-19, S-20, S-21, S-22
		Material Total:	**5600**				
MS	Felt	Exterior walls	5600	SF		ND	Typical exterior felt (S-19, S-20, S-21, S-22). See #1271, 1272, 1273.
		Material Total:	**5600**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-24, Electric Shop** Square Feet 3200 Floors: 2 Fire Ranking: Coordinates: E-9

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DW	Drywall joint compound	Center office on west side of bldg (ceiling)	0	SF	241	3-5	Drywall is on several ceilings and one north-south wall dividing the bldg
DW	Drywall joint compound	Center office on west side of bldg (ceiling)	0	SF	242	3-5	Drywall is on several ceilings and one north-south wall dividing the bldg
DW	Drywall joint compound	Center office on west side of bldg (ceiling)	750	SF	240	3-5	Drywall is on several ceilings and one north-south wall dividing the bldg
		Material Total:	**750**				
FS	Red and black linoleum	SW office	0	SF	235	50-60	See #234 for QT.
FS	Red and black linoleum	SW office	0	SF	236	50-60	See #234 for QT.
FS	Red and black linoleum	SW office	150	sf	234	50-60	
FS	Red linoleum	Middle of NW office	0	SF	232	50-60	See #231 for QT.
FS	Red linoleum	Middle of NW office	0	SF	233	50-60	See #231 for QT.
FS	Red linoleum	Middle of NW office	400	sf	231	50-60	
		Material Total:	**550**				
FT/M	12" floor tile with mastic	Center office on west side of bldg	150	sf	237	1-3	
FT/M	12" floor tile with mastic	Center office on west side of bldg	0	SF	238	1-3	See #237 for QT.
FT/M	12" floor tile with mastic	Center office on west side of bldg	0	SF	239	1-3	See #237 for QT.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-24, Electric Shop** Square Feet 3200 Floors: 2 Fire Ranking: Coordinates: E-9

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**150**				
MS	3" x 6" brake shoe	NE area	20	ea	229	70-80	Brake shoes
MS	6" x 12' brake shoe	NE area	20	ea	230	30-40	Brake shoes
		Material Total:	**40**				

AT = Acoustic Tile
BI = Boiler Insulation
CA = Cement Asbestos
CP = Construction Paper
CT = Ceiling Tile
D = Debris
DI = Duct Insulation
DT = Duct Tape
DW = Dry Wall
EJ = Expansion Joing
FB = Fire Brick
FD = Fire Door
FP = Fire Proofing
FS = Flooring Sheet
FT = Flooring Tile
G = Gaskets
M = Mastic
MS = miscellaneous
MT = Mortar
PF = Pipe Fitting
PR = Pipe Run
R = Roofing
S = Surfacing
TI = Tank Insulation
ND = None Detected
NA = Not Analyzed
QT = Quantity
LF = Lineal Foot
SF = Square Foot
CF = Cubic Foot
EA = Each

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-26, Coal Bin and adjacent conveyer** Square Feet 1200 Floors: Fire Ranking: Coordinates: E-8

Other Factors: S-26 is a large concrete bin with no access on sides; can't access due to fire damaged stairs. Top of bin is also fire damaged.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Pipe lagging	West end, lower level	15	LF	228	70-80	10' outside S-26 below conveyer on lower level & approx. 5' inside lower level at west end
		Material Total:	**15**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-27, Machine Shop and Offices** Square Feet 2200 Floors: 2 Fire Ranking: Coordinates: E-8

Other Factors: Building is demolished except for center and east end which have lower levels. East end where roof is intact is approx. 40'x25'. Also, insulated pipes run in S-27 lower levels.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FT	12" tile	Center part of west end open concrete slab	30	SF	225	3-5	Only loose pieces of debris remain
FT	12" tile	Center part of west end open concrete slab	0		226	3-5	See #225 for QT & comment.
FT	12" tile	Center part of west end open concrete slab	0		227	3-5	See #225 for QT & comment.
		Material Total:	**30**				
FT/M	12" floor tile with gold mastic	West end on open concrete slab	300	SF	222	1-3	Both this and above area are at west end of open concrete slab
FT/M	12" floor tile with gold mastic	West end on open concrete slab	0		223	1-3	See #222 for QT & comment.
FT/M	12" floor tile with gold mastic	West end on open concrete slab	0		224	1-3	See #222 for QT & comment.
FT/M	9" floor tile with black mastic	West end on open concrete slab	300	SF	219	3-5	12" tile/mastic is on top of 9" tile/mastic
FT/M	9" floor tile with black mastic	West end on open concrete slab	0		220	3-5	See #219 for QT & comment.
FT/M	9" floor tile with black mastic	West end on open concrete slab	0		221	3-5	See #219 for QT & comment.
		Material Total:	**600**				
PF	Mudded pipe elbowinsulation	West end, lower level	20	LF	218	20-30	Various lower level lines
PF	Pipe elbow insulation (mudded)	Center area, lower level	20	LF	213	5-10	Various lower level lines
PF	Pipe hanger mud	West end, lower level	20	LF	217	30-50	Various lower level lines

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-27, Machine Shop and Offices** Square Feet 2200 Floors: 2 Fire Ranking: Coordinates: E-8

Other Factors: Building is demolished except for center and east end which have lower levels. East end where roof is intact is approx. 40'x25'. Also, insulated pipes run in S-27 lower levels.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**60**				
PJ	Pipe jacket (black) over fiberglass	Center area, lower level	400	LF	212	<1	On various lower level lines
PJ	Pipe jacket (black) over fiberglass	Center area, lower level	0		981	ND	See #212 for QT & comment. Resample 10/21/94
PJ	Pipe jacket (black) over fiberglass	Center area, lower level	0		982	ND	See #212 for QT & comment. Resample 10/21/94
		Material Total:	**400**				
PR	Aircell pipe, lagging insulation	NE area, lower level	50	LF	214	20-30	Various lower level lines
PR	Pipe lagging	NE area, lower level	20	LF	215	10-20	Various lower level lines
PR	Pipe lagging	NE area, lower level	100	LF	216	35-50	Various lower level lines
		Material Total:	**170**				
R	Roofing	East end, lower level	0		979	ND	See #211 for QT. Resample 10/21/94
R	Roofing	East end, lower level	1000	SF	211	ND	
R	Roofing	East end, lower level	0		980	ND	See #211 for QT. Resample 10/21/94
		Material Total:	**1000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-28, Water Softener Building** Square Feet 500 Floors: Fire Ranking: Coordinates: E-9

Other Factors: Same

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
VP	Black felt vapor barrier	North, east, & west walls	700	SF			Not sampled; same as other black felt sampled under corrugated metal wall panels
		Material Total:	**700**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-28, Water Softener Plant** Square Feet 500 Floors: Fire Ranking: Coordinates: E-9

Other Factors: S-22 is a small bldg north of S-24 lower level and includes a stairwell housing stairs down to S-16

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Paint/tar coating	NE corner of stairway housing under corrugated metal panels	500	SF	244	ND	Coating is on corrugated metal panels for NE stairway housing. Not on main bldg panels
		Material Total:	**500**				
PJ	Pipe jacket (black)	Pipe lagging	50	lf			Not sampled, same as other black jacket sample
		Material Total:	**50**				
PR	Pipe lagging	Runs along south wall	35	LF			Not sampled, same as sample 216 from S-27
		Material Total:	**35**				
R	Roofing	At NE corner	700	sf	243	1-3	On roof and on stairway covering on north side
		Material Total:	**700**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-30, Blower House** Square Feet 2250 and 3200 Floors: 1 Fire Ranking: Coordinates: F-7

Other Factors: S-30 is 2 connected buildings and underground tunnel that runs east:; no suspect materials seen in tunnel

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite insulation board	SW area of bldg 1	10	sf	199	30-40	Loose peices seen in bldg 1, west side
CA	Transite insulation board	SW area of bldg 1	0	SF	200	NA	See #199 for QT & comment.
CA	Transite insulation board	SW area of bldg 1	0	SF	201	NA	See #199 for QT & comment.
		Material Total:	**10**				
MS	Black rope gasket	West end of bldg 2	10	lf	205	10-20	Rope material is loose
MS	Silver paint and tar coating	On west side of bldg 2	5250	sf	198	ND	Under corregated metal panels for bldg 2
MS	Tar and black gasket	In bldg 2, west end	6	SF	206	50-60	1 gasket seen, loose on floor
MS	Tar and black gasket	In bldg 2, west end	0	SF	208	NA	See #206 for QT & comment.
MS	Tar and black gasket	In bldg 2, west end	0	SF	207	NA	See #206 for QT & comment.
MS	White gasket	In bldg 2	5	SF	Assume		Not samples, similar to other white gaskets seen
		Material Total:	**5271**				
PR	Pipe lagging	East end bldg 2	10	lf	210	40-60	Most of pipe not insulated, only 10 ft on vertical pipe
		Material Total:	**10**				
R	Roofing	In bldg 2, west end	6000	sf	209	ND	3 black layers; roof is same on bldgs 1 and 2

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-30, Blower House** Square Feet 2250 and 3200 Floors: 1 Fire Ranking: Coordinates: F-7

Other Factors: S-30 is 2 connected buildings and underground tunnel that runs east:; no suspect materials seen in tunnel

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	SW corner of bldg 1	0		975	1-3	See #209 for QT & comment. Resample 10/21/94
R	Roofing	SW corner of bldg 1	0		976	1-3	See #209 for QT & comment. Resample 10/21/94
		Material Total:	**6000**				
S	Plaster wall material (on brick)	East interior wall of bldg 1	7500	SF	202	ND	Plaster is on brick on interior walls for bldg 1
S	Plaster wall material (on brick)	East interior wall of bldg 1	0		203	ND	See #202 for QT & comment.
S	Plaster wall material (on brick)	East interior wall of bldg 1	0		204	ND	See #202 for QT & comment.
		Material Total:	**7500**				
VP	Vapor barrier	On west side of bldg 2	5250	sf	197	ND	Under corregated metal panels for bldg 2
		Material Total:	**5250**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-31, Compressor House** Square Feet 1500 Floors: 1 Fire Ranking: Coordinates: F-6

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Flat transite panels	At west wall	1200	sf	191	30-40	Transite is on south and west interior walls
		Material Total:	**1200**				
MS	Gasket	At NW entrance on floor	5	SF	190	60-70	Gaskets seen in several places
MS	Tar coating on corrugated metal panels	On west side of west shed	900	SF	196	ND	On west shed only
		Material Total:	**905**				
PF	Pipe elbow mud	NW corner on piping	21	lf	188	50-60	Pipe length insulated with fiberglass
PF	Pipe hanger mud	NW corner on piping	6	LF	189	5-10	Mudded hangers. Piping is up to 30'
		Material Total:	**27**				
R	Roofing	On shed connected to west side of bldg	750	SF	192	<1	2 layers of roofing on shed connected to west side of main bldg only
		Material Total:	**750**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-32, Cadmium Plant** Square Feet 3500 Floors: 4 Fire Ranking: 9 Coordinates: F-6

Other Factors: Various Roof Levels

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Corregated transite panel	Level 3, west wall	72	sf	180	20-30	Only on level 3 west wall
		Material Total:	**72**				
ME	woven blanket	Level 2, NE area of west room	0		177	ND	See #176 for QT & comment.
ME	woven blanket	Level 2, NE area of west room	0		178	ND	See #176 for QT & comment.
ME	woven blanket	Level 2, NE area of west room	40	lf	176	ND	Blanket seen in 2 places on level 2
		Material Total:	**40**				
MS	Insulation pad	Level 2, NE corner of west room	10	sf	175	50-60	Felt pad exists in various level 2 places
		Material Total:	**10**				
PR	Aircell pipe insulation	Level 1, west room	7	lf	173	50-60	
PR	Pipe jacket (black) and lagging	Level 1, NW corner outside	140	LF	182	10-20	On 6-8" OD pipe. Piping runs outside bldg at NW corner & along south side
PR	Pipe lagging	Level 3, center area at tanks	20	LF	179	3-5	On 4" OD pipe.
PR	Pipe lagging	Level 4, east side	100	LF	181	30-40	On 4-6" OD pipe.
PR	Pipe lagging (white mud)	Level 2, east wall of west room	30	LF	174	20-30	On 3" OD pipe.
		Material Total:	**297**				
R	Composite shingle and tar/felt layers	Roof of main bldg	0		974	1-3	See # 184 for QT & comment. Resample 10/21/94

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-32, Cadmium Plant** Square Feet 3500 Floors: 4 Fire Ranking: 9 Coordinates: F-6

Other Factors: Various Roof Levels

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Composite shingle and tar/felt layers	Roof of main bldg	0		973	ND	See #184 for QT & comment. Resample 10/21/94
R	Composite shingle roofing	Roof of main bldg, east side	5000	sf	184	ND	Main roof
R	Roofing, silver paint on black tar/felt	Level 4, NE area	6500	sf	183	1-3	1500 sf on NE roof of extension and 5000 sf under comp shingles on main roof
R	Roofing; black tar/felt	South side level 4 on roof above stairway	2000	sf	185	1-3	This roofing is on south side of main bldg
		Material Total:	**13500**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-33 Dry Ore Reduction Plant** Square Feet 8000 Floors: 5 Fire Ranking: 1 Coordinates: F-4

Other Factors: Wood frame structure, built up roofing, covered coal chutes (old conveyor belts) to West of building. Five (5) stories - main structure with numerous 1/2 level(s) & catwalks

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	1/4" to 3/8" CB panels attached to hopper	SW corner - 3rd floor	50	sf		40-50	Transite panels attached to side of hopper height to 16'
CA	12" x 12" CA panels sculptured corners	SW corner - 3rd floor	100	sf	541	20-30	Transite panels various thickness 1/4" - 1" scattered on floor above furnace hopper feed areas
		Material Total:	**150**				
CB	CB panels & pieces loose	NW section - Level 3-B	40	sf		40-50	Various sizes thicknesses loose on floor & stacked NW corner
CB	Corrugated CB (Transite) panels	NE corner - Level 3-B	180	sf	546	5-10	Corrugated transite panels approx 1/4" thick stacked loose on floor
		Material Total:	**220**				
FI	12" Floor Tile and Mastic	NW Quadrant 2nd Floor	115	sf	536	1-3	North floor tile on wood substrate
FI	12" Floor Tile and Mastic	NW Quadrant 2nd Floor	0	SF	537	1-3	See #536 for quantity. North floor tile on wood substrate
FI	12" Floor Tile and Mastic	NW Quadrant 2nd Floor	0	SF	538	1-3	See #536 for quantity. North floor tile on wood substrate
		Material Total:	**115**				
MT	Furnance flue brick mortar	SW corner - 3rd floor	300	SF	542	ND	Mortar on furnace flue fire brick
MT	Furnance flue brick mortar	SW corner - 3rd floor	0	SF	1454	ND	See #542 for quantity. Actually in S-34. Mortar on furnace flue fire brick
MT	Furnance flue brick mortar	SW corner - 3rd floor	0	SF	1455	ND	See #542 for quantity. Actually in S-34. Mortar on furnace flue fire brick
		Material Total:	**300**				
PR	Aircell pipe run <8"	North wall - Level 3-B	140	lf			Vertical and horizontal pipe run, heights to 20' & debris on floor

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-33 Dry Ore Reduction Plant** Square Feet 8000 Floors: 5 Fire Ranking: 1 Coordinates: F-4

Other Factors: Wood frame structure, built up roofing, covered coal chutes (old conveyor belts) to West of building. Five (5) stories - main structure with numerous 1/2 level(s) & catwalks

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Cloth pipe wrap on verticle lines	SW corner - 3rd floor	32	lf	543	40-50	SW corner of catwalk above furnaces, cloth wrap over rubber hose
PR	Debris from excavated pipe	NE Corner, 1st floor Exterior	40	sf	534	55-70	Debris in exit and stuck to accoustical siding boards
PR	Pipe insulation aircell < 8"	NE quad. - 2nd floor	100	LF	539	ND	70 lf located inside building at various heights to 35'; 30 lf ext. to tank on North
PR	Pipe insulation aircell < 8"	NE quad. - 2nd floor	0	LF	1449	40-50	See #539 for quantity. 70 lf located inside building at various heights to 35'; 30 lf ext. to tank on North
PR	Pipe insulation aircell < 8"	NE quad. - 2nd floor	0	LF	1450	NA	See #539 for quantity. 70 lf located inside building at various heights to 35'; 30 lf ext. to tank on North
		Material Total:	**312**				
R	Built up roofing	Building S-34 Roofing	0		550	1-3	See sample 549
R	Built up roofing	Building S-34 Roofing	4800	sf	549	1-3	Multilayered, built up roofing 1/2" to 1-1/2" thick. Also on pitched penthouse roof & flat roof hatches and curbs. Main roof < 1:12 slope.
R	Built up roofing	Building S-34 Roofing	0		551	1-3	See sample 549
R	Built up roofing material	Built up roof West Center	9000	sf	553	3-5	Material located on main roof and on covered conveyor coal bins/chutes to the West
R	Rolled roofing	NW quad - 2nd floor	330	sf	540	ND	Rolled roofing over bathroom - interior of main bldg
R	Rolled roofing	NW quad - 2nd floor	0	SF	1451	ND	See #540 for quantity. Rolled roofing over bathroom - interior of main bldg
R	Rolled roofing	NW quad - 2nd floor	0	SF	1453	1-3	QA/QC duplicate of 1452. Rolled roofing over bathroom - interior of main bldg
R	Rolled roofing	NW quad - 2nd floor	0	SF	1452	ND	See #540 for quantity. Rolled roofing over bathroom - interior of main bldg

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-33 Dry Ore Reduction Plant** Square Feet 8000 Floors: 5 Fire Ranking: 1 Coordinates: F-4

Other Factors: Wood frame structure, built up roofing, covered coal chutes (old conveyor belts) to West of building. Five (5) stories - main structure with numerous 1/2 level(s) & catwalks

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing material - gray sheeting	NE penthouse roofing	2	sf	552	60-70	Sheeting paper on penthouse roof area
		Material Total:	**14132**				
TI	Blanket insulation	SW Quaudrant, 2nd Floor	320	lf	535	ND	Blanket insulation on ceiling of furnace
TI	Blanket insulation - ext. wall behind corrugated	SW corner - 3rd floor	80	sf		ND	SW corner wall insulation adjacent furnace hoppers.
TI	Blanket insulation between flue tile	SW corner - 3rd floor	0	SF	1448	ND	See #535 for quantity & comments..
TI	Blanket insulation loose debris	SW corner - 3rd floor	0	SF	1447	ND	See #535 for quantity and comments.
TI	Cementitious mudded stack liner	SW corner of NE quad of 4th floor	188	SF	547	5-10	Vertical stack liner encased in steel with appearance of welded 55 gal drums.
TI	MAG block insulation on furnace duct	SW corner - 3rd floor	2	sf	544	ND	Important Note: This material was located on the side of horizontal blast furnace flue duct. Extensive debris remaining on catwalk floor mixed in with accumulated
TI	MAG block insulation on furnace duct	SW corner - 3rd floor	0	SF	1456	ND	See #544 for quantity. Important Note: This material was located on the side of horizontal blast furnace flue duct. Extensive debris remaining on catwalk floor mixed in
TI	MAG block insulation on furnace duct	SW corner - 3rd floor	0	SF	1457	ND	See #544 for quantity. Important Note: This material was located on the side of horizontal blast furnace flue duct. Extensive debris remaining on catwalk floor mixed in
TI	Mag block stack insulation	SW corner of NE section	50	SF	545	10-20	Remnants of stack insulation & debris on floor. Exhaust stack from 3rd to 4th floor.
TI	Pipe wrap TSI <8"	SW corner of NE quad of 4th floor	20	lf	548	70-80	Badly deteriorated - scattered on floor. Approx 100 sf of debris & a pile of debris approx 3/4 cubic yd
		Material Total:	**660**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-34 Electric furnace Bldg** Square Feet 3700 Floors: 3 Fire Ranking: 1 Coordinates: F-4

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CB	CB transite shingles	South pump house S-34	75	SF	554	40-50	Also approx. 15 sf of debris on ground.
		Material Total:	**75**				
R	Built up roofing material	South pump house, Bldg S-34	60	60		1-3	Friable roofing materials on lean-to & pump house roofs
R	Builtup roofing material & debris	West side Bldg S-34	100	SF		1-3	Scattered roofing debris & wood roofing structure on ground
		Material Total:	**160**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-35 Carpenter Shop** Square Feet 3500 Floors: 2 Fire Ranking: 1 Coordinates: F-4

Other Factors: "L" shaped bldg. North portion ob bldg. has rolled roofing - SW & silver painted rolled on remainder; south wing of bldg has asphalt shingles. Exterior siding is corrogated over felt paper.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CP	Asbestos paper sheeting beneath corrugated steel	North wall asbestos sheeting	400	sf	44	60-70	White construction paper beneath corrugated steel siding on NW addition of bldg
CP	Felt underlayment	2nd floor - SW wall of N. wing	2800	sf	527	40-50	Felt underlayment beneath steel corrugated siding on walls - Exterior throughout
CP	Felt underlayment	2nd floor - SW wall of N. wing	0		528	40-50	See sample 527
CP	Felt underlayment	2nd floor - West wall of South wing	0		529	40-50	See sample 527
		Material Total:	**3200**				
CT	12" ceiling tile	2nd floor - North end of South wing	480	SF	514	ND	12" x 12" wood matrix ceiling tile significantly damaged. Approx 50% is on the floor.
CT	12" ceiling tile	2nd floor - North end of South wing	0		515	ND	See sample 514. 12" x 12" wood matrix ceiling tile significantly damaged. Approx 50% is on the floor.
CT	12" ceiling tile	2nd floor - North end of South wing	0		516	ND	See sample 514. 12" x 12" wood matrix ceiling tile significantly damaged. Approx 50% is on the floor.
		Material Total:	**480**				
FT	12" floor tile & mastic (light brown)	2nd floor - West end of North addition	0		519	1-3	See sample 518
FT	12" floor tile & mastic (light brown)	2nd floor - West end of North addition	288	sf	518	1-3	Approx 30% water damage
FT	12" floor tile & mastic (light brown)	2nd floor - West end of North addition	0		520	1-3	See sample 518
FT	12" floor tile & mastic (wood grain brown)	2nd floor - North end of South wing	0		512	<1	Significant damage
FT	12" floor tile & mastic (wood grain brown)	2nd floor - North end of South wing	0		511	ND	Significant damage

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-35 Carpenter Shop** Square Feet 3500 Floors: 2 Fire Ranking: 1 Coordinates: F-4

Other Factors: "L" shaped bldg. North portion ob bldg. has rolled roofing - SW & silver painted rolled on remainder; south wing of bldg has asphalt shingles. Exterior siding is corrogated over felt paper.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FT	12" floor tile & mastic (wood grain brown)	2nd floor - North end of South wing	480	sf	510	<1	Significant damage
FT	Side by side duplicate of 510, 511, 512	2nd floor - North end of South wing	0		513	ND	Duplicate of sample 510
		Material Total:	**768**				
PR	Silver cloth pipe wrap < 8"	1st floor - North wing of basement	0		531	70-80	See sample 530
PR	Silver cloth pipe wrap < 8"	1st floor - North wing of basement	5	lf	530	70-80	Thin silver pipe wrap-cloth
PR	Silver cloth pipe wrap < 8"	1st floor - North wing of basement	0		532	70-80	See sample 530
PR	TSI pipe run (aircell) < 8"	2nd floor - West end of North wing	70	lf	517	60-70	1 sf debris on floor SW
		Material Total:	**75**				
R	Asphalt comp. shingle	2nd floor - West side of South wing	1440	sf	521	ND	Good condition roof pitch 6:12
R	Asphalt comp. shingle	2nd floor - West side of South wing	0	sf	522	ND	See sample 521
R	Asphalt comp. shingle	2nd floor - West side of South wing	0	sf	523	ND	See sample 521
R	Silver painted rolled roofing	2nd floor - North edge of North addition	0		526	1-3	
R	Silver painted rolled roofing	2nd floor - North edge of North addition	0		525	1-3	
R	Silver painted rolled roofing	2nd floor - North edge of North addition	2400	sf	524	<1	

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-35 Carpenter Shop** Square Feet 3500 Floors: 2 Fire Ranking: 1 Coordinates: F-4

Other Factors: "L" shaped bldg. North portion ob bldg. has rolled roofing - SW & silver painted rolled on remainder; south wing of bldg has asphalt shingles. Exterior siding is corrogated over felt paper.

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments

Material Total: 3840

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-36 Framing shed** Square Feet 2800 Floors: 1 Fire Ranking: 1 Coordinates: F-3

Other Factors: Small metal shed attached on west side of bldg with remnants of rolled roofing (approx 20 sf)

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Rolled roofing	East roof	3700	SF	508	1-3	Dome roof with rolled roofing. Approx 40 sf roofing debris on ground inside & outside bldg.
R	Rolled roofing	East roof	0	SF	508.2	1-3	See sample 508. Dome roof with rolled roofing. Approx 40 sf roofing debris on ground inside & outside bldg.
R	Rolled roofing	East roof	0	SF	508.3	1-3	See sample 508. Dome roof with rolled roofing. Approx 40 sf roofing debris on ground inside & outside bldg.
		Material Total:	**3700**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-37 Lumber shed** Square Feet 2160 Floors: 1 Fire Ranking: 1 Coordinates: F-3

Other Factors: Rolled roofing part of roof is attached contiguously with north edge of S-36 bldg.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Rolled roofing	Roof	2160	SF	1435	ND	NE of bldg has been demolished. Significant roofing debris scattered throughout immediate area.
R	Rolled roofing	Roof	0	SF	1436	1-3	See #1435 for quantity. NE of bldg has been demolished. Significant roofing debris scattered throughout immediate area.
R	Rolled roofing	Roof	0	SF	1437	NA	See #1435 for quantity. NE of bldg has been demolished. Significant roofing debris scattered throughout immediate area.
		Material Total:	**2160**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-38 Lumber storage building** Square Feet Floors: 1 Fire Ranking: 2 Coordinates: F-4

Other Factors: 3-sided lumber storage shed with various sizes of transite board panels 1/4" sandwiched with celofex, mics 1/4" panels, & 1" thick panels

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CB	Transite panels stored in bins	West bay	226	sf	509	40-50	200 sf 1/4" thick, 26 sf 1" thick
		Material Total:	**226**				
R	Roofing	Roof	0	SF	1432	NA	See #1431 for quantity. Resample 10/20/94
R	Roofing	Roof	1130	SF	1431	<1	Resample 10/20/94
R	Roofing	Roof	0	SF	1433	NA	See #1431 for quantity. Resample 10/20/94
R	Roofing	Roof	0	SF	1434	3-5	QA/QC Roofing. See #1431 for quantity. Resample 10/20/94
		Material Total:	**1130**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-39 Paint Shop** Square Feet 800 Floors: 1 Fire Ranking: Coordinates: G-3

Other Factors: Metal clad siding over felt paper, rolled roofing. Note: height 12' to top of walls, does not include gable end

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CP	Felt Paper Underlay	Exterior North Wall	1000	sf	502	ND	Beneath Metal clad siding
CP	Felt Paper Underlay	Exterior North Wall	0		502.2	ND	See # 502 for QT. Beneath Metal clad siding
CP	Felt Paper Underlay	Exterior West Wall	0		502.3	ND	See # 502 for QT. Beneath Metal clad siding
		Material Total:	**1000**				
PR	TSI Pipe Run <8"	Interior West Wall	2	lf	501	50-70	Loose debris on counter
		Material Total:	**2**				
R	Rolled Roofing	Roofing, East	1008	SF	503	ND	One foot overhang with 6:12 pitch. Approx. 20 sf roofing debris on ground around bldg.
R	Rolled Roofing	Roofing, West	0		503.2	ND	See # 503 for QT. One foot overhang with 6:12 pitch. Approx. 20 sf roofing debris on ground around bldg.
R	Rolled Roofing	Roofing, South	0		503.3	ND	See # 503 for QT. One foot overhang with 6:12 pitch. Approx. 20 sf roofing debris on ground around bldg.
		Material Total:	**1008**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-40 Track Repair Shop** Square Feet 1056 Floors: 1 Fire Ranking: Coordinates: G-3

Other Factors: Metal clad siding over felt paper, rolled roofing, and area of floor tile; TSI <8" pipe run in attic plus verticle on exterior - east side; ridge height 16'

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FT	12" Floor Tile and Mastic (Gray)	NE Room	80	sf	504	ND	Tile and mastic on wood substrate
FT	12" Floor Tile and Mastic (Gray)	NE Room	0	SF	504.3	ND	See #504 for quantity. Note: Felt underlayiment between floor layers
FT	12" Floor Tile and Mastic (Gray)	NE Room	0	SF	504.2	ND	See #504 for quantity. Note: Felt underlayiment between floor layers
FT	12" Floor Tile and Mastic (red/brown)	N. Center Room	0	SF	505.2	ND	See #505 for quantity. Note: Felt underlayiment between floor layers
FT	12" Floor Tile and Mastic (red/brown)	N. Center Room	0	SF	505.3	<1	See #505 for quantity. Note: Felt underlayiment between floor layers
FT	12" Floor Tile and Mastic (red/brown)	N. Center Room	204	sf	505	ND	Note: Felt underlayiment between floor layers
		Material Total:	**284**				
PR	TSI Pipe run <8" (black)	East Exterior Wall	52	lf	506	40-60	Located in attic and rubber coated exposed verticle coat exterior
		Material Total:	**52**				
R	Rolled Roofing	S. Center Roof	0	SF	507.3	ND	See #507 for quantity. One foot overhang,6:12 pitch, approximately 30 sf roofing debris on ground
R	Rolled Roofing	SE Roofing	0	SF	507.2	ND	See #507 for quantity. One foot overhang,6:12 pitch, approximately 30 sf roofing debris on ground
R	Rolled Roofing	NE Roofing	1300	sf	507	ND	One foot overhang,6:12 pitch, approximately 30 sf roofing debris on ground
		Material Total:	**1300**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-40A, Warehouse** Square Feet Floors: 1 Fire Ranking: Coordinates: G-9

Other Factors:

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			

Material Total: 0

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-41 Coal & Coke Storage Bins** Square Feet Floors: Fire Ranking: 1 Coordinates: G-5

Other Factors: Assumed asbestos work boots & clothing in west bay of scale house approx. 6 sf. Also approx 3/4 cubic of assumed ACM asphalt shingles in unwrapped bundles.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CP	Construction paper	NE corner of scale house	0		556	ND	See sample 555
CP	Construction paper	NW corner - Scale house	850	sf	555	ND	Construction felt paper sheeting beneath corrugated steel siding
CP	Construction paper	NW corner - Scale house	0	SF	1479	ND	See #555 for QT. Construction felt paper sheeting beneath corrugated steel siding
		Material Total:	**850**				
R	Rolled roofing material	North side - E. structure	8500	SF	557	ND	Significant damage, approx 400 sf debris on ground, material also located in fiberglass transportation container - NW
R	Rolled roofing material	North side - E. structure	0	SF	1480	ND	See #557 for QT. Significant damage, approx 400 sf debris on ground, material also located in fiberglass transportation container - NW
R	Rolled roofing material	North side - W of structure	0		558	ND	See sample 557. Significant damage, approx 400 sf debris on ground, material also located in fiberglass transportation container - NW
		Material Total:	**8500**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-44, Feed Conveyers** Square Feet 10000 Floors: 2 Fire Ranking: 2 Coordinates: G-10

Other Factors: wood framing. This building connects with S-45 (around concentrate bins) and S-19, S-20, S-21 on north side. The piping found is similar to S-45, S-47, and S-49. Exterior transite shingles on north and east walls.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite Shingle	East & north walls	5500	SF	Assume	>1	Typical transite shingle on S-19, S-20, S-21, S-22, et al.
		Material Total:	**5500**				
MS	Felt	Under transite shingles, Exterior N wall	5500	SF		ND	Typical of #1271, 1272, 1273
		Material Total:	**5500**				
PR	Pipe runs < 8"	Basement Catwalks	400	LF	Assume	>1	Very difficult access to this unstable structure. Typical lagging S-49, #603.
		Material Total:	**400**				
R	Roofing - roll comp.	Entire Roof	0		1500	ND	See #643 for QT.
R	Roofing - Roll comp.	Entire Roof	4000	SF	643	ND	
R	Roofing - roll comp.	Entire Roof	0		1499	ND	See #643 for QT.
		Material Total:	**4000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-45, Ore and Concerntrate Bins** Square Feet 9500 Floors: Fire Ranking: 2 Coordinates: G-10

Other Factors: Bldg has been demolished above ground level. Catwalks run east-west on each side of the bins. Piping is found full length very deteriorated with debris. Typical material found in S-47, S-49.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite pipe run, 12" dia.	Basement	50	LF	Assume	>1	Connects to S-47 run
		Material Total:	**50**				
PR	Pipe Runs <12"d	Basement Catwalks	800	LF	Assume	>1	#603 in S-49. Very difficult access, unstable structure. Deteriorated with debris.
		Material Total:	**800**				
R	Rolled Roofing	Basement of S-47 to access this material.	0		1481	ND	See #618 for QT & comment.
R	Rolled Roofing	Basement of S-47 to access this material.	1000	SF	618	ND	Apparently this was an older roof that is now below grade.
R	Rolled Roofing	Basement of S-47 to access this material.	0		1482	ND	See #618 for QT & comment.
		Material Total:	**1000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-46, Roundhouse** Square Feet 3500 Floors: 8 Fire Ranking: Coordinates: G-10

Other Factors: 3 connected bldgs; 3 suspect materials are all part of previously sampled homogenous materials

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PJ	Black jacket over fiberglass pipe insulation	East end of bldg.	75	LF			
		Material Total:	**75**				
R	Roofing Tar/Felt (Black)	Roof, Under Corregated roof panels	5500	SF			
		Material Total:	**5500**				
VP	Vapor Barring (Black Felt)	Under Corrugated Metal Panels on Exterior Walls	18000	SF			
		Material Total:	**18000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-47** Square Feet 3500 Floors: Basem ent Fire Ranking: Coordinates: G-10

Other Factors: Building above basement has been demolished. This structure connects at west end with S-49. At the north end, it connects with S-45, where access to S-45 roofing is in basement of S-47.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	12" Transite Pipe	Basement, West Area	50	LF	Assume	>1	12' above basement Floor, runs north-south. Connects to S-45
		Material Total:	**50**				
PR	Pipe Run, Typical aircell	Basement, West Area	200	LF	Assume	>1	At ceiling level. Typical to S-49 run. S-49, #603.
		Material Total:	**200**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-48 Abandoned Heating Plant (beneath S-49)** Square Feet 1600 Floors: 1 Fire Ranking: 4 Coordinates: G-9

Other Factors: Building S-49 is above S-48. Stairs down to S-45 are located at west end of S-45 on north side of S-49. A window allows visual inspection of S-48 interior. Interior height estimate at 30'. Scaffolding required for abatement.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR/PF	Pipe Runs and Elbows, 12" dia.	All Areas of S-48	120	LF	Assume	>1	12" pipe. No access was possible. Very difficult abatement work
		Material Total:	**120**				
R	Rolled Roofing	Beneath S-49	1600	SF		ND	Typical of material collected from S-45 in the S-47 basement (#618, 1481, 1482).
		Material Total:	**1600**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-49 Warehouse** Square Feet 14400 Floors: 4 Fire Ranking: 4 Coordinates: G-9

Other Factors: 2 partial basements, entire floor 1, partial floor 2, partial floor 3. Boxes of ACM stored in basement East, assorted labeled ACM stored floor 1, debris in basement and floor 2 NW. Building S-48 is found beneath this structure.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DW	Sheetrock	NE offices Floor 1	0		607	ND	See #606 for QT & comment.
DW	Sheetrock	NE offices Floor 1	250	SF	606	ND	Damaged material
DW	Sheetrock	NE offices Floor 1	0		608	ND	See #606 for QT & comment.
		Material Total:	**250**				
FT	Floor tile 9x9	Floor 1 - NW office	150	SF	616	5-10	Wood floor
		Material Total:	**150**				
MS	Debris looks like TSI	Floor 2 Center West	0		1488	ND	See #610 for QT & comment.
MS	Debris looks like TSI	Floor 2 Center West	20	SF	610	ND	Material on wood floor
MS	Debris looks like TSI	Floor 2 Center West	0		1487	ND	See #610 for QT & comment.
MS	Fabric material	Floor 2 NW	0		612	ND	See #611 for QT & comment.
MS	Fabric material	Floor 2 NW	0		613	ND	See #611 for QT & comment.
MS	Fabric material	Floor 2 NW	100	CF	611	ND	Piled on floor
MS	Gasket coils	Floor 1 Shelf, Center area	150	LF	604	10-20	New condition stored on shelf. Will fit in one waste bag.
MS	Raybestos - Sheets	Floor 1 Shelf, Center area	20	SF	605	60-70	On shelf. Can be cut into pieces to fit in one waste bag.

AT = Acoustic Tile
BI = Boiler Insulation
CA = Cement Asbestos
CP = Construction Paper
CT = Ceiling Tile
D = Debris
DI = Duct Insulation
DT = Duct Tape
DW = Dry Wall
EJ = Expansion Joing
FB = Fire Brick
FD = Fire Door
FP = Fire Proofing
FS = Flooring Sheet
FT = Flooring Tile
G = Gaskets
M = Mastic
MS = miscellaneous
MT = Mortar
PF = Pipe Fitting
PR = Pipe Run
R = Roofing
S = Surfacing
TI = Tank Insulation
ND = None Detected
NA = Not Analyzed
QT = Quantity
LF = Lineal Foot
SF = Square Foot
CF = Cubic Foot
EA = Each

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-49 Warehouse** Square Feet 14400 Floors: 4 Fire Ranking: 4 Coordinates: G-9

Other Factors: 2 partial basements, entire floor 1, partial floor 2, partial floor 3. Boxes of ACM stored in basement East, assorted labeled ACM stored floor 1, debris in basement and floor 2 NW. Building S-48 is found beneath this structure.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Rope 1" diameter	Floor 1 NW area	100	LF	614	60-70	On floor. Will fit in one waste bag.
MS	Stored sacks of cement asbestos mix - labeled	East basement	2	EA	Assume	>1	50 lbs Sacks of cement are labeled asbestos Johns Manville
		Material Total:	**392**				
PR	Multilayer pipe wrap	Floor 1 - Stairs NW area	6	LF	615	20-30	Vertical run may penetrate the floor - not visible below. Typical in S-45.
PR	Pipe elbows on fiberglass runs with metal jacket	South exterior	4	LF	609	10-20	Elbows. Damaged appprox. 10-20' AFF
PR	Pipe run - lagging	West basement	30	LF	603	33-45	TSI run is E-W at ceiling level. Typical lagging in S-44, S-45, S-48.
PR	Stored pipe insulation and debris on floor	East basement. Stored boxes on insulation	30	CY	Assume	>1	30 boxes of 3x3x3 labeled asbestos Johns Manville.
		Material Total:	**70**				
R	Roll with silver paint roofing	West end roof, 3 floors	6400	SF	617	3-5	3 roof levels
R	Roofing - gray comp. shingle	Center of building, floor 1	10000	SF	620	ND	
R	Roofing - gray comp. shingle	Center of building, floor 1	0		1486	ND	See #620 for QT.
R	Roofing - gray comp. shingle	Center of building, floor 1	0		1485	ND	See #620 for QT.
R	Roofing - red comp. shingle	East end of building, floor 1	0		1483	ND	See #619 for QT & comment.
R	Roofing - red comp. shingle	East end of building, floor 1	3000	SF	619	ND	Typical of S-51

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-49 Warehouse** Square Feet Base 7000 sf Floors: 4 Fire Ranking: 4 Coordinates: G-9

Other Factors: 2 partial basements, entire floor 1, partial floor 2, partial floor 3. Boxes of ACM stored in basement East, assorted labeled ACM stored floor 1, debris in basement and floor 2 NW. Building S-48 is found beneath this structure.

Material	Description	Location	Quantity	Sample No.	% Asbestos	Comments
R	Roofing - red comp. shingle	East end of building, floor 1	0	1484	ND	See #619 for QT & comment.
		Material Total:	**19400**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-50 Machine & Repair Shops** Square Feet Floors: Fire Ranking: Coordinates: G-H, 9

Other Factors: Demolished; currently covered with black tarp--high copper levels

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			

Material Total: 0

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-51 Electronic repair shop** Square Feet 2000 Floors: 2 Fire Ranking: Coordinates: I-9

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DW	Dry wall, taping, joint compound	SE corner	0		128	1-3	See # 126 for QT.
DW	Dry wall, taping, joint compound	NE corner	2500	SF	126	1-3	
DW	Dry wall, taping, joint compound	East middle	0		127	1-3	See # 126 for QT.
		Material Total:	**2500**				
R	Roofing	SE corner	2000	SF	129	<1	
		Material Total:	**2000**				
VP	Vapor barrier	Under wood, crawl space	510	SF	130	ND	
VP	Vapor barrier (black felt) under particle board	NE door Level 1	2000	SF	123	ND	
VP	Vapor barrier (black felt) under particle board	NW door Level 1	0		124	ND	See # 123 for QT.
VP	Vapor barrier (black felt) under particle board	SW door Level 1	0		125	ND	See # 123 for QT.
		Material Total:	**2510**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-52 Oil House** Square Feet 600 Floors: 1 Fire Ranking: Coordinates: I-9

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Black jacket on white pipe lagging	NE corner	60	lf	122	21-33	On 4" O.D. line. Lagging runs into S-51
		Material Total:	**60**				
R	Black roof tar	South part of roof	600	sf	121	3-5	
		Material Total:	**600**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-55 Main Baghouse Blower** Square Feet 1000 Floors: 1 Fire Ranking: Coordinates: G-7

Other Factors: Surrounding south exterior is littered with felt/CA. Exterior TSI on west 10' above ground/ Miniram 0.00, 0.01, 0.00, 0.01, 0.00, 0.01, 0.03, 0.00, 0.01

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
D	Debris on floor	Floor entire	1000	sf	593	20-30	Unknown origin
		Material Total:	**1000**				
M	1" diameter rope	SW area	15	lf	594	70-80	On floor
		Material Total:	**15**				
PR	Black felt wrap TSI	Exterior West - 10' above ground	12	LF		21-31	H/I # = SH-31. Significant damage. Debris on ground
		Material Total:	**12**				
R	Roll comp. felt. Rolled Roofing with Silver paint.	Roof entire	1000	SF	1492	1-3	Same roll comp as S-57. Very deteriorated
R	Roll comp. felt. Rolled Roofing with Silver paint.	Roof entire	0	SF	1494	NA	See #1492 for QT & comment.
R	Roll comp. felt. Rolled Roofing with Silver paint.	Roof entire	0	SF	1493	NA	See #1492 for QT & comment.
		Material Total:	**1000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-56** Square Feet 430 Floors: 1 Fire Ranking: Coordinates: G-7

Other Factors: Entire interior is littered with papers/Two large scales.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DW	Sheetrock with taping compound	Ceiling	300	SF	599	ND	Significant damage & debris. Joint compound is nonfriable.
DW	Sheetrock with taping compound	Ceiling	0		600	1-3	See #599 for QT & comment.
DW	Sheetrock with taping compound	Ceiling	0		601	1-3	See #599 for QT & comment.
		Material Total:	**300**				
FS	Sheet floor	Floor	300	SF	596	40-50	On wood subfloor.
FS	Sheet floor	Floor	0		598	40-50	See # 596 for QT & comment.
FS	Sheet floor	Floor	0		597	40-50	See # 596 for QT & comment.
		Material Total:	**300**				
FT	Layers of floor tile	Floor	72	SF	595	ND	Multiple layers
		Material Total:	**72**				
PR	Black felt wrap TSI	Exterior south 10' above ground	20	LF		21-31	Typical MP-1 pipe run.
		Material Total:	**20**				
R	Roll comp roof with silver paint	Roof on wood decking	450	SF	602	ND	Decomposed with debris distributed on surrounding ground
		Material Total:	**450**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-57 Bag House Push Fans** Square Feet Floors: 1 Fire Ranking: Coordinates: F-7

Other Factors: Push Fan House has 2 parallel large ducts running through --> These ducts go from old brick flue near S-14 to push fans then up to S-57.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
EJ	Black (outer) material on vibration damper with	Damper inside fan house	400	SF	755	20-30	See #754 for comment.
EJ	White woven material (underneath) on vibration	Damper inside fan house	400	sf	754	80-90	10 vibration dampers on ducts from old flue to S-57. Each damper has 40' perimeter by 1' wide.
		Material Total:	**800**				
MS	Insulation material inside vibration damper	Damper outside House at NW corner	400	sf	756	10-20	See #754 for comment.
MS	White insulation pad	Inside Fan House, SW corner	0		758	ND	See #757 for QT & comment.
MS	White insulation pad	Inside Fan House, SW corner	0		759	ND	See #757 for QT & comment.
MS	White insulation pad	Inside Fan House, SW corner	30	sf	757	ND	Loose pad on floor, unknown origin
		Material Total:	**430**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-57 Main baghouse & adjacent buildings** Square Feet 24300 Floors: 3 Fire Ranking: 3 Coordinates: G-7

Other Factors: Old clay brick 4 rows thick with concrete & steel reinforcement columns, asphalt shingle roof

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CP	Construction paper - Electrical panel	NW ground level	2	sf	566	60-70	Asbestos paper in back of electrical panel (East wall S-58)
		Material Total:	**2**				
EJ	Rubberized expansion cloth material from	NE corner Pull Fall	520	SF	573	50-60	Cloth is over braided gasket cloth, over fibrous batting material
		Material Total:	**520**				
MT	Brick mortar - clay brick	SE exterior mortar (brick)	35000	cf	559	ND	Old clay brick 4 layers/courses thick, mortar
MT	Brick mortar - clay brick	NE exterior mortar 1st floor	0		560	ND	See #559 for QT. Note: N concrete deck/catwalk on level 2 is badly deteriorated appears unsound.
MT	Brick mortar - clay brick - catwalk level	SW corner mortar (brick)	0		572	ND	See #559 for QT & #571 for comment.
MT	Brick mortar - clay brick - catwalk level	South center mortar (brick)	0		571	ND	See #559 for QT. Old clay brick, 4 layers, mortar of exterior brick
MT	Brick mortar- clay brick	NW 1st floor	0		567	ND	See #559 for QT & #571 for comment.
MT	Pumice block mortar - Exterior wall	SW corner	0		576	ND	See #574 for QT & comment.
MT	Pumice block mortar - Exterior wall	North center mortar	0		575	ND	See #574 for QT & comment.
MT	Pumice block mortar - Interior wall	North center mortar	1050	SF	574	ND	Pumice block building attached to west end of Push Fan building
		Material Total:	**36050**				
PR	MAG block pipe run <8"	NW ground level	210	lf	565	50-60	Tarpaper wrapped mag block TSI at 7' height NW 1st floor & East side Bldg S-58
		Material Total:	**210**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-57 Main baghouse & adjacent buildings** Square Feet 24300 Floors: 3 Fire Ranking: 3 Coordinates: G-7

Other Factors: Old clay brick 4 rows thick with concrete & steel reinforcement columns, asphalt shingle roof

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Asphalt shingle roofing material	NW roofing material	18800	sf	564	ND	Flashing material from roof/catwalk to brick ext wall
R	Asphalt shingle roofing material	South center roofing material	0		570	ND	See #564 for QT & #569 for comment.
R	Asphalt shingle roofing material	SE roofing material	0		569	ND	See #564 for QT. E two roofing bays are non-friable; center bay & 3 W bays are friable. West bay has large sections of roofing & decking missing, exposing steel
R	Rolled roofing - push fan roof	North center attached fan roof	1200	SF	568	ND	On 4:12 roof over push fan material damaged with debris approx 300 sf on ground
R	Roof flashing material	N. Center catwalk	600	sf	561	1-3	Flashing material from roof/catwalk to brick ext wall
R	Roof flashing material	NW catwalk	0		562	1-3	See #561 for QT & comment.
R	Roof flashing material	NW catwalk	0		563	3-5	See #561 for QT & comment.
		Material Total:	**20600**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-58 Fan Room** Square Feet 3600 Floors: 3 Fire Ranking: Coordinates: G-6

Other Factors: Brick building, 6:12 roof. North facing side of roof has: south half is rolled roofing, north half is asphalt shingle. Note: main portion of is rectangular than extend to west & down which turns into Old Brick Flue on Map to the North. Small quantity of assumed ACM rope near furnace railing. 2nd floor approx. 12 lf.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
G	Rope	Near furnace railing, 2nd floor	12	LF	Assume	Assumed	
		Material Total:	**12**				
MT	Mortar from clay brick	SW corner of interior blast furnace NW quadrant	0		590	ND	Did not estimate quantities. Clay brick & mortar throughout interior & exterior
MT	Mortar from clay brick	NW corner of interior blast furnace NW quadrant	0		591	ND	Did not estimate quantities. Clay brick & mortar throughout interior & exterior
		Material Total:	**0**				
R	Asphalt shingles	NW corner of SE quadrant	0		585	<1	See sample 582 for QT.
R	Asphalt shingles	NW corner of SE quadrant	0		587	ND	See sample 582 for QT.
R	Asphalt shingles	NW corner of SE quadrant	0		586	ND	See sample 582 for QT.
R	Rolled roofing	NW corner of SE quadrant	4000	sf	582	1-3	Structural damage section of 2"x8"7 & G roof decking material missing, rafters sagging, widespread roofing debris on North side bldg. approx. 100 sf.
R	Rolled roofing	NW corner of SE quadrant	0		584	1-3 top, lower ND	See sample 582 for QT.
R	Rolled roofing	NW corner of SE quadrant	0		583	<1	See sample 582 for QT.
R	Rolled roofing	NW corner Covered stairs	500	sf	589	<1	Rolled roofing on covered stairs & catwalk to exterior blast furnace
		Material Total:	**4500**				
TI	Mudded insulation on 4' diameter flue	NW corner Horizontal Flue	75	sf	588	20-30	Blast furnace & horizontal flue exterior NW corner of complex
		Material Total:	**75**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-58 Fan Room** Square Feet 3600 Floors: 3 Fire Ranking: Coordinates: G-6

Other Factors: Brick building, 6:12 roof. North facing side of roof has: south half is rolled roofing, north half is asphalt shingle. Note: main portion of is rectangular than extend to west & down which turns into Old Brick Flue on Map to the North. Small quantity of assumed ACM rope near furnace railing. 2nd floor approx. 12 lf.

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-59 Wheelabrator Bag House** Square Feet Floors: 3-4 Fire Ranking: Coordinates: G-6

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite Board	NE Corner, Outside Upper Level	2200	SF	763	60-70	Transite board is on east, west, & south ext. walls of upper level approx. 12' high.
		Material Total:	**2200**				
DI	Black Insulation on ducts	West Side, Upper Level	0		779	20-30	See #780 for QT. Insulation in 8 duct connecters going into upper level, each 2' long with 2.5' dia.
DI	Black Insulation on ducts	West Side, Upper Level	10	LF	780	20-30	Insulation in 8 duct connecters going into upper level, each 2' long with 2.5' dia.
DI	Black Insulation on ducts	West Side, Upper Level	0		781	20-30	See #780 for QT. Insulation in 8 duct connecters going into upper level, each 2' long with 2.5' dia.
DI	Duct Jacket	Roof Level, Center Area	20	LF	782	5-10	Approx. 12" duct. This duct is on the roof level.
DI	Duct Jacket	Roof Level, Center Area	0		784	5-10	See # 782 for QT & comment.
DI	Duct Jacket	Roof Level, Center Area	0		783	5-10	See # 782 for QT & comment.
		Material Total:	**30**				
MS	Black Coating Material.	NE Corner, Outside Upper Level	0		766	30-40	See #765 for QT and comment.
MS	Black Coating Material.	NE Corner, Outside Upper Level	0		764	30-40	See #765 for QT & comment.
MS	Black Coating Material.	NE Corner, Outside Upper Level	3000	SF	765	30-40	Tar coating is outside & inside transite boards on upper level.
MS	Black Jacket Material over Fiberglass	North End, upper level	225	SF	767	10-20	Black jacket is over fiberglass on north end only of upper level. No transite & filler on north side.
MS	Black Jacket Material over Fiberglass	North End, upper level	0		769	10-20	See # 767 for QT & comment.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-59 Wheelabrator Bag House** Square Feet 1300 Floors: 3-4 Fire Ranking: Coordinates: G-6

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Black Jacket Material over Fiberglass	North End, upper level	0		768	10-20	See # 767 for QT & comment.
MS	Black Tar Coating	NE Corner, Lower Level	4000	SF	775	<1	Very thin coating on corrugated metal panels on ext. walls
MS	Filler Insulation	NE Corner, Outside Upper Level	2200	SF	760	20-30	The filler insulation is 1-2" thick & behind transite panels on upper level.
MS	Filler Insulation	NE Corner, Outside Upper Level	0		762	20-30	See # 760 for QT & comment.
MS	Filler Insulation	NE Corner, Outside Upper Level	0		761	20-30	See # 760 for QT & comment.
MS	Rope Material	South End, 2nd level cabinet	4		771	50-60	one loose piece of round 3/4 inch wide rope seen in cabinet
MS	Rope Material	NE Corner, Upper Level	200	lf	770	50-60	2" Rope exists around top perimeter of building.
MS	Vapor Barrier (Black Felt)	NE Corner, Lower Level	4000	sf	772	1-3	This material exists under the exterior wall corregated panels on lower level and 2nd level.
MS	White Blanket Meterial	On Upper Level Bldg, East Side	30	sf	776	60-70	Loose pieces seen on small balcony of upper level, east side
MS	White Blanket Meterial	On Upper Level Bldg, East Side	0		777	60-70	See # 776 for QT. Loose pieces seen on small balcony of upper level, east side
MS	White Blanket Meterial	On Upper Level Bldg, East Side	0		778	60-70	See # 776 for QT. Loose pieces seen on small balcony of upper level, east side
		Material Total:	**13659**				
PR	Pipe Lagging	Level 2, NW Area	20	lf			3" pipe. Lagging assumed to be ACM. It is on 2 vertical 10 ft lines.
PR	Pipe Lagging (felt paper)	NE Corner of Level 2	8	lf	774	10-20	3" pipe. Only insultated pipe seen inside its bldg.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-59 Wheelabrator Bag House** Square Feet 1300 Floors: 3-4 Fire Ranking: Coordinates: G-6

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**28**				
R	Roofing	East Side, Lower Level	300	SF	773	ND	Only on small exterior sides from bldg. Main roof is corrugated metal panels.
		Material Total:	**300**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-59A Norblo Bag House** Square Feet 800 Floors: Fire Ranking: Coordinates: G-6

Other Factors: The bag house is really a tank, which has a black jacket material over fiberglass on all sides. The jacket appears slightly different in places (hence the 4 sample groups), but the whole tank shold be considered the same if any of the jacket samples show asbestos.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Black/gray jacket-Mastic material over fiberglass	East side of tank	0		787	10-20	See # 785 for QT & comment.
MS	Black/gray jacket-Mastic material over fiberglass	East side of tank	2750	SF	785	10-20	This jacket is on chicken wire over fiberglass.
MS	Black/gray jacket-Mastic material over fiberglass	SE Corner of tank	0		788	10-20	See # 785 for QT & comment.
MS	Black/gray jacket-Mastic material over fiberglass	East side of tank	0		786	10-20	See # 785 for QT & comment.
MS	Black/gray jacket-Mastic material over fiberglass	SE Corner of tank	0		790	10-20	See # 785 for QT & comment.
MS	Black/gray jacket-Mastic material over fiberglass	SE Corner of tank	0		789	10-20	See # 785 for QT & comment.
MS	Black/gray jacket-Mastic material over fiberglass	North Side of Tank	0		791	50-60	See # 785 for QT & comment.
MS	Black/gray jacket-Mastic material over fiberglass	SW Side of Tank	0		794	10-20	See # 785 for QT & comment.
MS	Black/gray jacket-Mastic material over fiberglass	SW Side of Tank	0		796	10-20	See # 785 for QT & comment.
MS	Black/gray jacket-Mastic material over fiberglass	SW Side of Tank	0		795	10-20	See # 785 for QT & comment.
MS	Black/gray jacket-Mastic material over fiberglass	North Side of Tank	0		792	50-60	See # 785 for QT & comment.
MS	Black/gray jacket-Mastic material over fiberglass	North Side of Tank	0		793	50-60	See # 785 for QT & comment.
		Material Total:	**2750**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-60, Fan House** Square Feet 400 Floors: Fire Ranking: Coordinates: H-6

Other Factors: One pipe line with pipe insulation exterior west of S-60 connecting to north-south run from S-13 to S-61. Typical black felt wrapped insulation with significant damage. Exposed ends and some debris beneath damaged locations.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	6" O.D. Line Felt Wrap	Perpendicular and exterior west of building	11	LF	592	20-30	Piping insulation exists on line that connects to S-13, S-60, S-61 with felt wrap
		Material Total:	**11**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-61 Cottrell Fan Room** Square Feet 2400 Floors: 3 Fire Ranking: Coordinates: H-6

Other Factors: S-61 includes flue connecting to old stack, S-69. S-69 flue connects to the top of S-61 bldg.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
M	Mastic (on bldg ext. wall near metal door).	NE Area, Basement, Exterior bldg	0		99	1-3	See # 98 for QT.
M	Mastic (on bldg ext. wall near metal door).	NE Area, Basement, Exterior bldg	0		100	1-3	See # 98 for QT.
M	Mastic (on bldg ext. wall near metal door).	NE Area, Basement, Exterior bldg	75	SF	98	1-3	
		Material Total:	**75**				
PI	Duct Jacket (gray)	NE Corner Outside the bldg	50	LF	97	10-20	On 2' ducts. Duct runs underground from north end going south
		Material Total:	**50**				
PR	Aircell Pipe, Insulation (with black jacket)	East Side, Middle, Ground Level	30	LF	94	50-60 (Felt ND)	On 4" OD pipe. Felt ND; Inside 50-60%
PR	White Pipe Lagging (black jacket)	East Side, Middle	40	LF	96	21-33	12" O.D. line. Pipe runs east-west through north basement tunnel and runs in ground level
		Material Total:	**70**				
R	Roof	Shed on West Side of Main Bldg	0		967	ND	See #90 for QT & comment. Resample 10/21/94
R	Roof	Shed on West Side of Main Bldg	0		968	ND	See #90 for QT & comment. Resample 10/21/94
R	Roof	Shed on West Side of Main Bldg	2700	SF	90	ND	Roofing on shed sampled. Roofing on main bldg assumed same as shed
		Material Total:	**2700**				
TI	Tank Insulation	East Side, Middle, Ground Level	50	SF	95	13-25	
		Material Total:	**50**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-61 Cottrell Fan Room** Square Feet 2400 Floors: 3 Fire Ranking: Coordinates: H-6

Other Factors: S-61 includes flue connecting to old stack, S-69. S-69 flue connects to the top of S-61 bldg.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
VP	Vapor Barrier (Black Felt)	West Side, Center, Ground Level	550	SF	91	ND	Vapor barrier is under wood base of exhaust flue & on outside north wall of bldg
VP	Vapor Barrier (Black Felt)	West Side, Center, Ground Level	0		92	ND	See # 90 for QT & comment.
VP	Vapor Barrier (Black Felt)	West Side, Center, Ground Level	0		93	ND	See # 90 for QT & comment.
		Material Total:	**550**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-64, Bureau of Mines Building** Square Feet 1500 Floors: 1 Fire Ranking: Coordinates: H-7

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	Southwest corner of roof	2000	SF	104	<1	Layer 3 of this 6-layer roof is 1-3% Chrysolite, but the total roof is <1%.
		Material Total:	**2000**				
S	Spray Applied Cementation	Interior East Wall	0		103	ND	See #101 for QT.
S	Spray Applied Cementation	Interior North Walls	3000	SF	101	ND	
S	Spray Applied Cementation	Interior South Walls	0		102	ND	See #101 for QT.
		Material Total:	**3000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-65, dust dump** Square Feet Floors: Fire Ranking: Coordinates: H-6

Other Factors: No building for S-65; 2 wooden platforms, 1 ore can on rails--No Supect Materials

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-66, Filter Cleaning Shed** Square Feet 400 Floors: 1 Fire Ranking: Coordinates: H-6

Other Factors: Small bldg with piping and various discarded equipment outside the bldg. Piping runs north down hill to other parts of lead plant; for S-66, say 100 ft to north goes in

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Insulation layer on electrical equipment	North of shed on ground	10	SF	88	60-70	
		Material Total:	**10**				
PR	Pipe Lagging; Black Jacket and white insulation	West Side of Shed on Hillside	150	LF	87	11-23	On 4" OD pipe.
		Material Total:	**150**				
R	Roof Tar	Roof of Shed	400	SF	89	3-5	
		Material Total:	**400**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-67, Pressure Leaching Plant** Square Feet Floors: Fire Ranking: Coordinates: H-5

Other Factors: S-68 is 2 metal tanks, 1 wood tank, 1 block bldg (demolished), and one metal shed (hopper).

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite debris	At foundation near metal shed	500	SF	134	20-30	Only debris left; bldg demolished. Probably transite used to be on exterior walls.
		Material Total:	**500**				
PF	Mudded pipe elbow insulation	Piping on north tank	4	LF	135	<1	2 elbows on 8" OD line.
		Material Total:	**4**				
PJ	Black jacket over fiberglass piping	On piping on south metal tank	0		970	ND	Resample 10/21/94
PJ	Black jacket over fiberglass piping	On piping on south metal tank	0		969	ND	Resample 10/21/94
PJ	Black/gray Jacket material over fiberglass on piping	On piping on south metal tank	250	lf	132	20-30	On 2" and 8" O.D. Lines.
PJ	Blade Jacket over fiberglass on piping	On piping on south metal tank	0		133	<1	See #132 for QT & comment.
		Material Total:	**250**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-68, Thawiing Shed** Square Feet 6500 Floors: 1 Fire Ranking: Coordinates: H-5

Other Factors: 2 shacks remain for S-68, one wood, one concrete

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	On Wood Shed	100	SF	131	<1	1 layer black felt
		Material Total:	**100**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-69 New and Old Stacks** Square Feet Old 250; New 1,500 Floors: Fire Ranking: Coordinates: I-7, H-7

Other Factors: New stack 700 feet high and has no suspect materials; concrete construction with fiberglass flue up middle. Old stack also concrete but has some suspect materials associated with piping and the elevated shack 80' up on the north side. Note: Flue from old stack included with S-61 Building.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PJ	Black and white pipe wrap	Old Stack, north side of base	0		971	ND	See #82 for QT. Resampe 10/21/94
PJ	Black and white pipe wrap	Old Stack, north side of base	20	LF	82	ND	On 2" pipe. Resample 10/21/94
PJ	Black and white pipe wrap	Old Stack, north side of base	0		972	ND	See #82 for QT. Resample 10/21/94
PJ	Cloth Pipe Wrap	Inside elevated shack, north side of old stack	30	LF	86	70-80	On 3" OD pipe. Also a loose roll of wrap
PJ	Red and black pipe jacket	N side old stack, on vertical pipe (ground to elevated	40	LF	83	30-40	On 6" OD pipe.
		Material Total:	**90**				
PR	Pipe Lagging	N side old stack, on vertical pipe (ground to elevated	40	LF	84	30-40	On 6" OD pipe.
		Material Total:	**40**				
TI	Mudded Tank insulation (on chicken wire).	Inside elevated shack, north side of old stack	50	SF	85	10-20	Tank ends not insulated
		Material Total:	**50**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-70, Domestic Water Tanks** Square Feet Floors: Fire Ranking: Coordinates: I-7

Other Factors: 2 wooden tanks (both gone).

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			

Material Total: 0

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-72, Lumber Storage Shed** Square Feet 3600 Floors: Fire Ranking: Coordinates: K-6

Other Factors: Building demolished and gone; No suspect debris noticed

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-73, Plant and Fire Reservoir** Square Feet 6400 (reservoir) Floors: Fire Ranking: Coordinates: J-7

Other Factors: reservoir has 2 small shacks and 1 covered platform all south of reservoir

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite Board	On electric panel in shack south of reservoir	3	SF	79	20-30	
		Material Total:	**3**				
G	Gasket	SW corner of reservoir on ground	1	sf	81	20-30	Gasket found loose on ground; may be others associated with reservoir piping
		Material Total:	**1**				
PJ	Black Jacket	On vertical pipe; west side of reservoir	30	LF	78	40-50	On 8" OD piep
		Material Total:	**30**				
R	Roofing	On roof of small shack south of reservoir	200	sf	80	5-10	
		Material Total:	**200**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-74, Emergency Pumping Bldg** Square Feet 120 Floors: 1 Fire Ranking: Coordinates: J-7

Other Factors: Pump building is a concrete block house east of reservoir S-73; No suspect materials. Included with S-74 is small shack north of S-73

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Cement Siding, shingles	Wall of small shack north of S-73	280	SF	75	30-40	
		Material Total:	**280**				
R	Roofing	Roof of small shack north of S-73	120	sf	77	ND	Roof is one layer of tar/felt
		Material Total:	**120**				
VP	Vapor Barrier (tar/felt)	Wall of small shack north of S-73	280	SF	76	<1	
		Material Total:	**280**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-75, Slag Fuming Reservoir** Square Feet 64 Floors: Fire Ranking: Coordinates: F-11

Other Factors: shed attaches to west center of structure

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Felt	QC	0		1252	ND	Lab indicated sample #751. QC sample
MS	Felt	Shed - west	100	SF	749	ND	Typical felt
MS	Felt	Shed - west	0		1251	ND	Lab indicated sample #751. See #749 for QT & comment.
MS	Felt	Shed - west	0		750	ND	See #749 for QT & comment.

Material Total: 100

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-78, Warming Shed** Square Feet 1530 Floors: 1 Fire Ranking: Coordinates: E-7

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	Acoustic Tile 2'x4'	Office Areas	0		669	ND	See #668 for QT.
AT	Acoustic Tile 2'x4'	Office Areas	0		670	ND	See #668 for QT.
AT	Acoustic Tile 2'x4'	Office Areas	300	sf	668	ND	
		Material Total:	**300**				
DW	Sheetrock	Office Areas	0		666	ND	See #665 for QT.
DW	Sheetrock	Office Areas	0		667	ND	See #665 for QT.
DW	Sheetrock	Office Areas	300	sf	665	ND	
		Material Total:	**300**				
FS	Sheet Floor	Office Areas	300	SF	671	30-40	
FS	Sheet Floor	Office Areas	0		672	30-40	See #671 for QT.
FS	Sheet Floor	Office Areas	0		673	30-40	See #671 for QT.
		Material Total:	**300**				
R	Roofing	Entire roof	1530	SF	Assume	1-3	Typical S-13 roof material. Sample #660, 661, 662.
		Material Total:	**1530**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-79, Coke and Sinter Storage bins** Square Feet 11700 Floors: 1 Fire Ranking: Coordinates: F-7

Other Factors: S-79 is a row of concrete bins with an underground section

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Pipe Lagging	NE area outside bins	10	LF	Assume		Assumed to be ACM, only one vertical pipe outside bins with insulation
		Material Total:	**10**				
R	Roofing	North end of stairway cover	500	sf	751	ND	
		Material Total:	**500**				
VP	Vapor Barrier (Black felt material)	East exterior wall of stairway housing at base	500	SF	753	30-40	This material is under the corrugated metal panels on stairway housing
VP	Vapor Barrier (tar and felt material)	East exterior wall of stairway housing at base	500	sf	752	5-10	This material is outside the corrugated metal panels on stairway housing
		Material Total:	**1000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-80, Sweeney Pond** Square Feet Floors: Fire Ranking: Coordinates: A-3,4,5

Other Factors: No suspect materials. Pond - no structure.

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-80A, Sweeney Pond Pumphouse** Square Feet Floors: Fire Ranking: Coordinates: A-3

Other Factors: No suspect materials - metal, concrete

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.

Material Total: 0

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-80B, Sweeney Pond Storage** Square Feet Floors: 1 Fire Ranking: Coordinates: A-3

Other Factors: No suspect materials - metal, concrete

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-81, Car Shaker** Square Feet Floors: 0 Fire Ranking: Coordinates: D-8

Other Factors: No Suspect Materials (building demolished).

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-82, Blower House Storage** Square Feet 800 Floors: 1 Fire Ranking: Coordinates: F-7

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Pipe Lagging	Outside bldg, NW corner	0		965	ND	See #193 for QT & comment. Resample 10/21/94
PR	Pipe Lagging	Outside bldg, NW corner	0		966	ND	See #193 for QT & comment. Resample 10/21/94
PR	Pipe Lagging	Outside bldg	60	LF	193	ND	Lagging is on piping outside the building at NW corner
		Material Total:	**60**				
R	Roofing	NW corner of roof	500	sf	195	ND	
		Material Total:	**500**				
VP	Vapor Barrier (black felt)	West side of bldg	1400	SF	194	ND	Under corrugated metal panels in exterier walls
		Material Total:	**1400**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-83, Blood Sampling Bldg** Square Feet 800 sf Floors: 1 Fire Ranking: Coordinates: D-11

Other Factors: Roof - built up with gravel

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DW	Sheetrock	Partition Walls	0		748	ND	See #746 for QT.
DW	Sheetrock with joint compound & texture	Partition Walls	538	SF	746	ND	
DW	Sheetrock with joint compound & texture	Partition Walls	0		747	ND	See #746 for QT.
		Material Total:	**538**				
FT	Floor Tile (12 by 12)	Floor	538	SF	743	3-5	Concrete floor
FT	Floor Tile (12 by 12)	Floor	0		744	3-5	See #743 for QT.
FT	Floor Tile (12 by 12)	Floor	0		745	3-5	See #743 for QT.
		Material Total:	**538**				
R	Built up roof with gravel	Roof	800	sf	1476	5-10	Resampled 10/21/94.
R	Built up roof with gravel	Roof	0		1477	NA	See #1476 for QT.
R	Built up roof with gravel	Roof	0		1478	NA	See #1476 for QT.
		Material Total:	**800**				
S	Spray acoustic	Ceiling	538	SF	740	1-3	8' ceiling on drywall substrate
S	Spray acoustic	Ceiling	0		741	1-3	See #740 for QT.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-83, Blood Sampling Bldg** Square Feet 800 sf Floors: 1 Fire Ranking: Coordinates: D-11

Other Factors: Roof - built up with gravel

Material	Description	Location	Quantity	Sample No.	% Asbestos	Comments
S	Spray acoustic	Ceiling	0	742	1-3	See #740 for QT.
		Material Total:	**538**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-84, Fuel Tanks** Square Feet Floors: Fire Ranking: Coordinates: I-8

Other Factors: 4 tanks remain; no suspect materials

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Lead Smelter

Building: **S-85, Old Brick Flue** Square Feet Floors: 1 Fire Ranking: Coordinates: E-7

Other Factors: Old brick flue is 750 ft long and runs from S-58 north, then turns at S-30 and runs to S-26. No suspect materials inside the flue

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
M	Mastic	NW angled flue elbow, on exterior brick	1500	sf	186	<1	This mastic is on exterior of flue near top of brick in a 3 ft wide strip
		Material Total:	**1500**				
PR	Black jacket on large pipe	On pipe outside flue	400	LF	187	40-60	On 14" pipe runs outside & adjacent to flue on N side from S-30 to S-26 & through to S-28
		Material Total:	**400**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Like material in other building.

Building: **Z-44 Substation Room** Square Feet 725 Floors: 1 Fire Ranking: Coordinates: H 3

Other Factors: This building will probably have to come down with Z-45

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Electric door panel insulation	Panel Room	1	SF		50-60	Like material in Z-48.
		Material Total:	**1**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Piping

Building: **MP-1** Square Feet Floors: Fire Ranking: Coordinates: All areas

Other Factors: 8" dia. piping travels from Lead Plant to Pintlar areas. Longer than 1 mile. Typically 2'-4' above ground, occasionally up to 20' above ground.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Pipe Elbow, 8" dia. Felt wrap	1/2 mile E of Lead Plant near M-7	1	MIL E	1380	30	This is same run found at S-17C, #1256. QT is > or = 1 mile.
PR	Pipe Run, 8" dia. Felt wrap lagging	1/2 mile E of Lead Plant near M-7	1	MIL E	1379	50	This is same run found at S-17C, #1256. QT is > or = 1 mile.
		Material Total:	**2**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-1, Industrial Hygiene Dept.** Square Feet 3000 Floors: 2.5 Fire Ranking: Coordinates: D-12

Other Factors: Garage in basement

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
BI	Boiler Insulation Sheet	Basement, NE room	25	SF	1299	65	Under top of boiler
		Material Total:	**25**				
CA	Transite shingles	All Exterior Walls	3664	SF	1284	35	Typical of transite shingles all areas of plant.
		Material Total:	**3664**				
DW	Sheetrock	NW Room	128	SF	1294	ND	2 partition walls
DW	Sheetrock	NW Room	0		1295	ND	See #1294 for QT & comment.
DW	Sheetrock	NW Room	0		1296	ND	See #1294 for QT & comment.
		Material Total:	**128**				
FS	Floor Sheet	Floor South Bath	100	SF	1300	35	On wood
FS	Floor Sheet	Floor South Bath	0		1303	35	QC of #1300
FS	Floor Sheet	Floor South Bath	0		1301	NA	See #1300 for QT & comment.
FS	Floor Sheet	Floor South Bath	0		1302	NA	See #1300 for QT & comment.
FS	Sheet Flooring	Kitchen Area	150	SF	1288	35	Kitchen
FS	Sheet Flooring	Kitchen Area	0		1289	NA	See #1288 for QT & comment.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-1, Industrial Hygiene Dept.** Square Feet 3000 Floors: 2.5 Fire Ranking: Coordinates: D-12

Other Factors: Garage in basement

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FS	Sheet Flooring	Kitchen Area	0		1290	NA	See #1288 for QT & comment.
		Material Total:	**250**				
MS	Exterior Siding Felt	All sides	1284	SF	1285	ND	Under all transite shingles.
MS	Exterior Siding Felt	All sides	0		1286	ND	See #1285 for QT & comment.
MS	Exterior Siding Felt	All sides	0		1287	ND	See #1285 for QT & comment.
		Material Total:	**1284**				
PR	Pipe Run Aircell	Basement	370	LF	1297	40	Debris on dirt floor
		Material Total:	**370**				
R	Roofing Roll Green mineral surface	Roof	1200	SF	1304	ND	
R	Roofing Roll Green mineral surface	Roof	0		1305	ND	See #1304 for QT.
R	Roofing Roll Green mineral surface	Roof	0		1306	ND	See #1304 for QT.
		Material Total:	**1200**				
S	Plaster on Wood Lath	Walls - interior partitions & ceilings	0		1291	ND	QT not estimated. On wood lath - smooth surface.
S	Plaster on Wood Lath	Walls - interior partitions & ceilings	0		1292	ND	QT not estimated. On wood lath - smooth surface.
S	Plaster on Wood Lath	Walls - interior partitions & ceilings	0		1293	ND	QT not estimated. On wood lath - smooth surface.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-1, Industrial Hygiene Dept.** Square Feet 3000 Floors: 2.5 Fire Ranking: Coordinates: D-12

Other Factors: Garage in basement

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**0**				
T	Mud on Tank	East basement	40	SF	1298	25	4' above ground level
		Material Total:	**40**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-1A, Industrial Hygene Residence** Square Feet 384 Floors: 1 Fire Ranking: Coordinates: D-12

Other Factors: West of Industrial Hygene Office Structure

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roll Roof	SE Roof	0		1279	ND	See #1277 for QT & comment.
R	Roll Roof	SW Roof	0		1278	ND	See #1277 for QT & comment.
R	Roll Roof	West Ground	384	SF	1277	ND	Debris on Ground - 10' perimeter
		Material Total:	**384**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-1B, Industrial Hygene Facility- Cottage** Square Feet 72 Floors: 1 Fire Ranking: Coordinates: D-12

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Comp. Shingles	Center West Roof	0		1282	ND	See #1280 for QT.
R	Comp. Shingles	SW Roof	0		1281	ND	See #1280 for QT.
R	Comp. Shingles	Center West Roof	0		1283	ND	QC Sample of #1282.
R	Comp. Shingles, green	NW Roof	72	sf	1280	ND	
		Material Total:	**72**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-1C, Industrial Hygene Offic Shed** Square Feet 32 Floors: 1 Fire Ranking: Coordinates: D-12

Other Factors: Located 15' west of M-1B

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing Roll	Roof	32	SF		ND	Same as M-1A, garage roof. Samples #1280, 1281, 1282, 1283.
		Material Total:	**32**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-2, Park Corp. Sales Office** Square Feet 4000 Floors: 2 Fire Ranking: Coordinates:

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DW	Sheetrock with mud	Interior partition wlls near dining room	500	SF	1313	1-2	
DW	Sheetrock with mud	Interior partition wlls near dining room	0		1315	1-2	See #1313 for QT.
DW	Sheetrock with mud	Interior partition wlls near dining room	0		1314	1-2	See #1313 for QT.
		Material Total:	**500**				
FS	Floor Sheet	Floor 1	0		1311	ND	See #1310 for QT.
FS	Floor Sheet	Floor 1	0		1312	ND	See #1310 for QT.
FS	Floor Sheet	Floor 1	50	SF	1310	ND	
		Material Total:	**50**				
MS	Paper Vapor Barrier	Floors Under Wood	3000	SF	1319	ND	
MS	Paper Vapor Barrier	Floors Under Wood	0		1320	ND	See #1319 for QT.
MS	Paper Vapor Barrier	Floors Under Wood	0		1321	ND	See #1319 for QT.
		Material Total:	**3000**				
PR	Pipe Insulation	Basement SE	30	LF	Assume	>1	Same as M-1 PR. Sample #1297 40% asbestos.
		Material Total:	**30**				
R	Comp Shingles	Roof	0		1317	ND	See #1316 for QT.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-2, Park Corp. Sales Office** Square Feet 4000 Floors: 2 Fire Ranking: Coordinates:

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Comp Shingles	Roof	0		1318	ND	See #1316 for QT.
R	Comp Shingles	Roof	2000	SF	1316	ND	
		Material Total:	**2000**				
S	Plaster	Walls and ceiling	0		1307	ND	QT not estimated. Original walls
S	Plaster	Walls and ceiling	0		1308	ND	QT not estimated. Original walls
S	Plaster	Walls and ceiling	0		1309	ND	QT not estimated. Original walls
		Material Total:	**0**				
TI	Tank Insulation	Basement SE	40	SF	Assume	>1	Same as M-1 Tank. Sample #1298 25% asbestos.
		Material Total:	**40**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-3, Old Residence** Square Feet 3600 Floors: 3 Fire Ranking: Coordinates: D-12

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DW	Sheetrock	Kitchen and Floor 2	250	SF	1335	1-5	
DW	Sheetrock	Kitchen and Floor 2	0		1337	1-5	See #1335 for QT.
DW	Sheetrock	Kitchen and Floor 2	0		1336	1-5	See #1335 for QT.
		Material Total:	**250**				
FT	Floor Tile	Floor 2 and N Bath	0		1339	NA	See #1338 for QT & comment.
FT	Floor Tile	Floor 2 and N Bath	0		1340	NA	See #1338 for QT & comment.
FT	Floor Tile	Kitchen	200	SF	1332	30	On wood floor
FT	Floor Tile	Floor 2 and N Bath	50	SF	1338	30	On wood floor
FT	Floor Tile	Basement	250	SF	1341	5-10	On wood floor
FT	Floor Tile	Basement	0		1342	NA	See #1341 for QT & comment.
FT	Floor Tile	Basement	0		1343	NA	See #1341 for QT & comment.
FT	Floor Tile	Kitchen	0		1334	NA	See #1332 for QT & comment.
FT	Floor Tile	Kitchen	0		1333	NA	See #1332 for QT & comment.
		Material Total:	**500**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-3, Old Residence** Square Feet 3600 Floors: 3 Fire Ranking: Coordinates: D-12

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Felt under wood floor vapor barrier	Interior floors except kitchen, dining, baths	0		1330	ND	See #1329 for QT.
MS	Felt under wood floor vapor barrier	Interior floors except kitchen, dining, baths	2400	SF	1329	ND	
MS	Felt under wood floor vapor barrier	Interior floors except kitchen, dining, baths	0		1331	ND	See #1329 for QT.
		Material Total:	**2400**				
PR	Pipe Insulation	Basement	250	LF	Assume	>1	Same as M-1 and M-2, sample #1297
		Material Total:	**250**				
R	Composition Shingles	Roof	3600	SF		ND	Typical to M-3A, Samples #1322, 1323, 1324.
		Material Total:	**3600**				
S	Plaster on Wood	Walls and Ceilings	0		1325	ND	QT not estimated.
S	Plaster on Wood	Walls and Ceilings	0		1328	ND	QC of 1325, 1326, 1327
S	Plaster on Wood	Walls and Ceilings	0		1326	ND	QT not estimated.
S	Plaster on Wood	Walls and Ceilings	0		1327	ND	QT not estimated.
		Material Total:	**0**				
TI	Tank Insulation	Basement	45	SF	Assume	>1	Same as M-1 and M-2, Sample #1298
		Material Total:	**45**				

AT = Acoustic Tile
BI = Boiler Insulation
CA = Cement Asbestos
CP = Construction Paper
CT = Ceiling Tile
D = Debris
DI = Duct Insulation
DT = Duct Tape
DW = Dry Wall
EJ = Expansion Joing
FB = Fire Brick
FD = Fire Door
FP = Fire Proofing
FS = Flooring Sheet
FT = Flooring Tile
G = Gaskets
M = Mastic
MS = miscellaneous
MT = Mortar
PF = Pipe Fitting
PR = Pipe Run
R = Roofing
S = Surfacing
TI = Tank Insulation
ND = None Detected
NA = Not Analyzed
QT = Quantity
LF = Lineal Foot
SF = Square Foot
CF = Cubic Foot
EA = Each

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-3, Old Residence** Square Feet 3600 Floors: 3 Fire Ranking: Coordinates: D-12

Other Factors:

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-3A, Garaage** Square Feet 560 Floors: 1 Fire Ranking: Coordinates:

Other Factors: Many sacks of unidentified chemicals stored in area (possibly fertilizers)

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Comp. Shingles	Roof	0		1323	ND	See #1322 for QT.
R	Comp. Shingles	Roof	0		1324	ND	See #1322 for QT.
R	Comp. Shingles	Roof	560	SF	1322	ND	
		Material Total:	**560**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-4, 219 McKinley Residence** Square Feet 960 Floors: 2 Fire Ranking: Coordinates: East of D-12

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FS	Floor Sheet (linoleum)	Kitchen, Bath	300	SF	1344	30	On wood floor
FS	Floor Sheet (linoleum)	Kitchen, Bath	0		1345	NA	See #1344 for QT & comment.
FS	Floor Sheet (linoleum)	Kitchen, Bath	0		1346	NA	See #1344 for QT & comment.
		Material Total:	**300**				
FT	Floor Tile	SW Bedroom	0		1350	1-3	QC of #1347, 1348, 1349.
FT	Floor Tile	SW Bedroom	200	SF	1347	1-3	
FT	Floor Tile	Basement	0		1353	NA	See #1351 for QT.
FT	Floor Tile	Basement	0		1352	NA	See #1351 for QT.
FT	Floor Tile	Basement	600	SF	1351	10-15	
FT	Floor Tile	SW Bedroom	0		1348	1-3	See #1347 for QT.
FT	Floor Tile	SW Bedroom	0		1349	1-3	See #1347 for QT.
		Material Total:	**800**				
R	Comp Shingles	Roof	960	SF	1357	ND	On wood decking.
R	Comp Shingles	Roof	0		1359	ND	See #1357 for QT & comment.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-4, 219 McKinley Residence** Square Feet 960 Floors: 2 Fire Ranking: Coordinates: East of D-12

Other Factors:

Material	Description	Location	Quantity	Sample No.	% Asbestos	Comments
R	Comp Shingles	Roof	0	1358	ND	See #1357 for QT & comment.
		Material Total:	**960**			
S	Plaster/wood lath	Walls, ceilings	0	1354	ND	QT not estimated.
S	Plaster/wood lath	Walls, ceilings	0	1356	ND	QT not estimated
S	Plaster/wood lath	Walls, ceilings	0	1355	ND	QT not estimated
		Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-4A (4sheds)** Square Feet 100 Floors: Fire Ranking: Coordinates:

Other Factors:

Material	Description	Location	Quantity	Sample No.	% Asbestos	Comments
R	Roofing Roll Comp.	Roof	100 SF		ND	Same as M-1A Roof. Samples #1277, 1278, 1279
		Material Total:	**100**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-5, Service Station** Square Feet 880 Floors: 1 Fire Ranking: Coordinates:

Other Factors: Access athorized by Rebecca Goehring of Idaho EPA, Region 10

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	1 x 1 Acoustic Tile	West Half Ceiling	440	SF	1363	ND	
AT	1 x 1 Acoustic Tile	West Half Ceiling	0		1364	ND	See #1363 for QT.
AT	1 x 1 Acoustic Tile	West Half Ceiling	0		1365	ND	See #1363 for QT.
AT	1 x 2 Acoustic Tile	East Half Ceiling	440	SF	1366	ND	
AT	1 x 2 Acoustic Tile	East Half Ceiling	0		1367	ND	See #1366 for QT.
AT	1 x 2 Acoustic Tile	East Half Ceiling	0		1368	ND	See #1366 for QT.
		Material Total:	**880**				
R	Roll Comp.	Roof	880	SF	1369	5-10	
R	Roll Comp.	Roof	0		1370	5-10	See #1369 for QT.
R	Roll Comp.	Roof	0		1371	5-10	See #1369 for QT.
		Material Total:	**880**				
S	Plaster	Exterior Walls	0		1360	ND	QT not estimated.
S	Plaster	Exterior Walls	0		1361	ND	QT not estimated.
S	Plaster	Exterior Walls	0		1362	ND	QT not estimated.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-5, Service Station** Square Feet 880 Floors: 1 Fire Ranking: Coordinates:

Other Factors: Access athorized by Rebecca Goehring of Idaho EPA, Region 10

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments

Material Total: 0

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-6, Storage Next to Service Station** Square Feet 1000 Floors: 1 Fire Ranking: Coordinates: 1/2 mile

Other Factors: Access authorized by Rebecca Goehring of Idaho EPA, Region 10

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roll Comp.	Roof	1000	SF	1376	ND	
R	Roll Comp.	Roof	0		1377	ND	See #1376 for QT.
R	Roll Comp.	Roof	0		1378	ND	See #1376 for QT.
		Material Total:	**1000**				
S	Plaster on metal	Exterior Walls	0		1372	ND	QT not estimated
S	Plaster on metal	Exterior Walls	0		1374	ND	QT not estimated
S	Plaster on metal	Exterior Walls	0		1373	ND	QT not estimated
S	Plaster.	Exterior Walls	0		1375	30-40	QC of 1372, 1373, 1374
		Material Total:	**0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Misc. Structures

Building: **M-7** Square Feet 150 Floors: 1 Fire Ranking: Coordinates: 1/2 mile

Other Factors: Wood shed located southeast of M-5 and M-6 near MP-1 piping run and railroad track. 1/2 mile east of Lead Plant.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roll Comp. Roof	Roofing	150	SF	1381	ND	
R	Roll Comp. Roof	Roofing	0		1382	ND	See #1381 for QT.
R	Roll Comp. Roof	Roofing	0		1383	ND	See #1381 for QT.
		Material Total:	**150**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-01 Office** Square Feet 1500 Floors: 1 Fire Ranking: Coordinates: F,9

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	Acoustic Ceiling Tile	SE area	600	sf	10	ND	Tile badly damaged & is on floor
AT	Acoustic Ceiling Tile	SE area	0	sf	931	ND	Tile badly damaged & is on floor
AT	Acoustic Ceiling Tile	SE area	0	sf	932	ND	Tile badly damaged & is on floor
		Material Total:	**600**				
DW	Dry Wall w/ Joint Compound	SE room	0		6	ND	See #4 for QT.
DW	Dry Wall w/ Joint Compound	South Center room	0		5	<1	See #4 for QT.
DW	Dry Wall w/ Joint Compound	NW room	5000	sf	4	ND	Analyze to 1st Positive
		Material Total:	**5000**				
FS	Flooring sheet beige 1/4" flake pattern	NW room	55	sf	1	60-70	
FS	Flooring sheet beige Salt & Pepper Patern	North Center room	240	sf	2	ND	
FS	Flooring sheet beige Salt & Pepper Patern	North Center room	0	sf	930	ND	See sample # 2 for QT. Resampling 10/21/94.
FS	Flooring sheet beige Salt & Pepper Patern	North Center room	0	sf	929	ND	See sample # 2 for QT. Resampling 10/21/94.
FS	Flooring Sheet Brown Stone Pattern	SE room	160	sf	3	5-10	
		Material Total:	**455**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	C	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-01 Office** Square Feet 1500 Floors: 1 Fire Ranking: Coordinates: F,9

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
M	Cove Base Mastic	N. Center shower room	0		9	ND	See #7 for QT.
M	Cove Base Mastic	NW restroom	500	lf	7	ND	2" strip. Analyze to 1st positive
M	Cove Base Mastic	N. Center restroom	0		8	ND	See #7 for QT.
		Material Total:	**500**				
R	Roof Core	N side of roof	1500	sf	12	ND	4 layers of felt
R	Roof Core	N side of roof	0	sf	933	ND	See sample # 12 for QT. Resampling 10/21/94. 4 layers of felt
R	Roof Core	N side of roof	0	sf	934	<1	See sample # 12 for QT. Resampling 10/21/94. 4 layers of felt
		Material Total:	**1500**				
VP	Vapor Barrier	NE corner door to exterior	1800	sf	11	ND	Assume barrier in all exterior walls
		Material Total:	**1800**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-02 Ammo. Phosphate Manufacturing Bldg.** Square Feet 20000 Floors: 4 Fire Ranking: Coordinates: D,8

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	2'x4' ceiling tile	Level 3 Office, center area	200	sf	21	ND	
AT	2'x4' ceiling tile	Level 3 Office, center area	0	sf	939	ND	See sample # 21 for QT. Resampling 10/21/94.
AT	2'x4' ceiling tile	Level 3 Office, center area	0	sf	940	ND	See sample # 21 for QT. Resampling 10/21/94.
		Material Total:	**200**				
CA	Corrugated transite panels	All exterior walls & roof	25000	SF	22	70-80	Panels cover all ext. walls & roof. May be difficult to reach roof for abatement
		Material Total:	**25000**				
D	Residue/Debris	North Center Area, Ground Level	20000	SF	16	ND	Throughout interior on metal structural beams & floor surfaces
D	Residue/Debris	North Center Area, Ground Level	0	SF	935	ND	See #16 for QT and comment. Resample 10/21/94.
D	Residue/Debris	North Center Area, Ground Level	0	SF	936	ND	See #16 for QT and comment.. Resample 10/21/94.
		Material Total:	**20000**				
EJ	Expansion Joint	NW area ground level on crusher	60	lf	17	50-60	Material has solidified
EJ	Expansion Joint	NW area ground level on crusher	60	lf	18	40-50	Material has solidified
		Material Total:	**120**				
FD	Fire Door Filler	Level 3 office, center area	5	ea	23	ND	Each door is one unit.
FD	Fire Door Filler	Level 3 office, center area	0	ea	941	ND	See sample # 23 for QT. Resampling 10/21/94. Each door is one unit.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-02 Ammo. Phosphate Manufacturing Bldg.** Square Feet 20000 Floors: 4 Fire Ranking: Coordinates: D,8

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FD	Fire Door Filler	Level 3 office, center area	0	ea	942	ND	See sample # 23 for QT. Resampling 10/21/94. Each door is one unit.
		Material Total:	**5**				
FT M	12" viyl floor tile w/ black mastic	Level 3 Office, center area	200	sf	20	ND	
FT M	12" viyl floor tile w/ black mastic	Level 3 Office, center area	0	sf	937	3-5 Mastic	See sample # 20 for QT. Resampling 10/21/94.
FT M	12" viyl floor tile w/ black mastic	Level 3 Office, center area	0	sf	938	3-5 Mastic	See sample # 20 for QT. Resampling 10/21/94.
		Material Total:	**200**				
MS	Rope Material	NW area Ground Level on crusher	60	LF	19	70-80	
		Material Total:	**60**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-03 Acid Plant** Square Feet 6800 Floors: 5 Fire Ranking: Coordinates: D,7

Other Factors: Exterior Walls have open sections, other sections have cement asbestos shingles missing

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite Shingles	Entire Exterior Walls	35000	sf	24	70-90	
		Material Total:	**35000**				
D	Residue/Debris	SE area Ground Level	10000	sf	28	ND	Residue on steel beams, some tanks throughout bldg.
D	Residue/Debris	SE area Ground Level	0	SF	945	ND	See #28 for QT & comment. Resample 10/21/94.
D	Residue/Debris	SE area Ground Level	0	SF	946	ND	See #28 for QT & comment. Resample 10/21/94.
		Material Total:	**10000**				
DI	Mudded insulation over chicken wire & added	N. center area, Level 2	240	sf	30	ND	Maybe insulation is under metal exhaust flue on north side as well 60'x4' diam.
DI	Mudded insulation over chicken wire & added	N. center area, Level 2	0	SF	948	ND	See #30 for QT & comment. Resample 10/21/94.
DI	Mudded insulation over chicken wire & added	N. center area, Level 2	0	SF	947	5-10	See #30 for QT & comment. Resample 10/21/94.
		Material Total:	**240**				
FT M	12" Vinyl Floor Tile w black mastic	N Center Office Level 4	200	SF	36	ND	Note 1 SF of assumed ACM vibration damper on duct in room with 12" VAT
		Material Total:	**200**				
PF	Insulation over fiberglass on pipe elbow	N. center area, Level 2	40	SF	31	1-3	2 elbows 18" O.D. Line with elbow, level 2, has 24" diam.
PF	Mudded insulation over fiberglass on pipe elbow	NE area, Level 3	8	lf	34	5-10	8 elbows on 4" line.
PF	Mudded insulation over fiberglass on pipe elbow	NW area Level 4	150	sf	35	10-20	7 fittings on >18" line.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-03 Acid Plant** Square Feet 6800 Floors: 5 Fire Ranking: Coordinates: D,7

Other Factors: Exterior walls have open sections, other sections have cement asbestos shingles missing

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**198**				
PH	Mudded insulation on fiberglass on pipe elbow	NW Level 3	40	sf	33	60-70	2 elbows on > 18" line. Grey material w/ lar fibers
PH	Mudded insulation on fiberglass on pipe elbow	N. center area, Level 3	30	sf	32	30-40	2 elbows on >18" line
PH	Mudded insulation on fiberglass on pipe elbow	N. center area, Level 3	45	sf		30-40	45 sf on mini-tank. >18" line
		Material Total:	**115**				
PJ	Black Jacket over fiberglass ins. on pipe run	SW area, level 2	250	lf	29	ND	Level 2 plus runs to building P-02. Jacket is also on pipe runs.
PJ	Black Jacket over fiberglass ins. on pipe run	SW area, level 2	50	lf		ND	Level 1. Jacket is also on pipe runs.
		Material Total:	**300**				
PR	Lagging on pipe run (orange jacket)	NW area, Ground Level	20	lf	27	5-10	< 8" OD. This is only TSE found in P-03 that was not over fiberglass
		Material Total:	**20**				
R	Roof Core	NE Roof near access	400	sf	39	ND	3 felt layers
R	Roof Core	Main Bldg. Roof	10000	sf	38	1-3	Comp shingle + 3 layers felt, covers most of bldg.
		Material Total:	**10400**				
TI	Mudded tank insulation over fiberglass	NW area Level 5	500	sf	37	1-3	vertical tank, top half insulated
TI	Tank insulation over chicken wire	East center area Ground Level	105	sf	26	ND	Tank ends not insulated

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-03 Acid Plant** Square Feet 6800 Floors: 5 Fire Ranking: Coordinates: D,7

Other Factors: Exterior Walls have open sections, other sections have cement asbestos shingles missing

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
TI	Tank Insulation over chicken wire	East center area Ground Level	0	sf	944	ND	See sample # 26 for QT. Resampling 10/21/94. Tank ends not insulated
TI	Tank Insulation over chicken wire	East center area Ground Level	0	sf	943	ND	See sample # 26 for QT. Resampling 10/21/94. Tank ends not insulated
		Material Total:	**605**				
VP	Vapor Barrier (black felt)	Underneath Transite Shingles of Ext. Walls	35000	sf	25	ND	
		Material Total:	**35000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-04, Process Tanks (2), Ground Floor of Acid Plant** Square Feet 630 Floors: Fire Ranking: Coordinates: D, 7

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
D	Residue/debris on outside of E. tank	Tank exterior SE area of P-03	1200	SF	42	ND	Both tank exteriors have residue similar to samples #28 from beam
		Material Total:	**1200**				
FB	Fire Brick	E. Process Tank interior SE area of P-03	500	SF	41	ND	East tank is lined w/ fire bricks/mortar unlike west tank is only metal
		Material Total:	**500**				
MT	Mortar	E. Process Tank interior SE area of P-03	2500	SF	40	ND	Process Tanks are inside P-03, south end ground floor
		Material Total:	**2500**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-05 Phosphate Rock Silo** Square Feet 700 Floors: Fire Ranking: Coordinates: D, 7

Other Factors: Rectangular bldg. on top of silo is 20'x10' w 2,200 sf of CA shingles on side same as P-03 shingles. Vapor Barrier is under shingles. Flat roof of bldg. can't be accessed. Assume this 200 sf roof ACM. Roof of silo is black tar on fiberglass liner, sampled.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	CA shingles/Vapor barrier	Base of silo	250	SF	Assume	10-20	Small bldg. at silo base has 250 SF of CA shingles/vapor barrier
		Material Total:	**250**				
R	Black tar on fiberglass liner	Silo Roof	700	SF	43	1-3	
R	Roof Core	Roof of small bldg. at silo base	300	SF	44	60-70	Roof is 3 black felt layers & 1 white top layer. Small bldg. at silo base has 250 SF of CA shingles/vapor barrier
		Material Total:	**1000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-06 Phosphate Acid Tanks (4)** Square Feet 4,500 total Floors: Fire Ranking: Coordinates: E,6

Other Factors: No suspect materials. One of the 4 tanks is structurally unsound, steel beam supports are deteriorating.

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-07 Sulfuric Acid Tank** Square Feet 450 Floors: Fire Ranking: Coordinates: D,5

Other Factors: No suspect materials except one elbow (2 lf) w/ black jacket, same as sample # 47 at P-08

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PJ	Black jacket over fiberglass on elbow	Base of Tank	2	lf		ND	
		Material Total:	**2**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-08 Phosphoric Acid Tank** Square Feet 700 Floors: Fire Ranking: Coordinates: D,5

Other Factors: Individual vertical tank, outside piping from P-03 feeds tank

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PJ	Black jacket over fiberglass on pipe runs	Pipes near feeding tank	300	lf	47	ND	Same as material sampled in P-03
		Material Total:	**300**				
TI	Black jacket over fiberglass on tank	Side of Tank	0		48	5-10	See #46 for QT.
TI	Black jacket over fiberglass on tank	Side of Tank	0		49	20-30	See #46 for QT.
TI	Black jacket over fiberglass on tank	Side of Tank	3500	sf	46	1-3	Jacket on top & sides of tank
		Material Total:	**3500**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-09 Phosphoric Acid Spill Pond** Square Feet 14000 Floors: Fire Ranking: Coordinates: E,3

Other Factors: No suspect materials. This is a pond.

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-10 Dry Room** Square Feet 400 Floors: 1 Fire Ranking: Coordinates: E,7

Other Factors: Temproary railroad car type bldg.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FS	Linoleum - cream	East end	300	sf	14	ND	
FS	Linoleum - cream	East end	0	sf	949	ND	See sample # 14 for QT. Resampling 10/21/94.
FS	Linoleum - cream	East end	0	sf	950	ND	See sample # 14 for QT. Resampling 10/21/94.
FS	Linoleum - gold	West end	160	sf	13	30-40	
		Material Total:	**460**				
R	Roof tar	Roof	400	sf	15	1-3	
		Material Total:	**400**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-11 Suspension Plant Storage Bldg.** Square Feet 600 Floors: 1 Fire Ranking: Coordinates: C,6

Other Factors: No suspect materials

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-12 Phosphate Rock Unloading Bldg.** Square Feet 1100 Floors: 1 Fire Ranking: Coordinates: C,7

Other Factors: Bldg. on railroad track level demolished, only debris remains, some debris is suspect roofing. Small bldg. on P-03 level remains. This bldg. has damaged roofing.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	Small Bldg.	260	sf	67	<1	
R	Roofing Debris	Railroad Track Level where bldg. was demolished	250	SF	64	ND	Roofing debris scattered where P-12 bldg. used to be on railfoad track level
R	Roofing Debris	Railroad Track Level where bldg. was demolished	0		65	ND	See #64 for QT & comment.
R	Roofing Debris	Railroad Track Level where bldg. was demolished	0		66	ND	See #64 for QT & comment.
		Material Total:	**510**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-13 Truck Acid Loading Rack** Square Feet 100 Floors: Fire Ranking: Coordinates: B,6

Other Factors: Piping and metal framing only (on railroad track level)

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Rope material	On steam line from P-16 tanks to p-13, P-14	100	lf	61	80-90	
		Material Total:	**100**				
PF	Silver jacket & black tar	On pipe elbow on piping from P-16 tanks to P-13 & P-14	2	lf	60	10-20	One elbow, 6" O.D. line.
		Material Total:	**2**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-14 Railcar Acid Loading Rack** Square Feet 100 Floors: Fire Ranking: Coordinates: B,6

Other Factors: Piping and metal framing only (on railroad track level)

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Rope material	On steam line for piping from P-16 tanks to p-13, P-14	100	lf	63	70-80	
		Material Total:	**100**				
PF	Silver jacket & black tar	On pipe elbow for piping from P-16 tanks to p-13, P-14	2	lf	62	10-20	One elbow on 6" O.D. line.
		Material Total:	**2**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-15 NH3 Unloading Rack** Square Feet 20 Floors: Fire Ranking: Coordinates: B,8

Other Factors: Bldg. no longer exists, must have been demolished, no sign of debris

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			

Material Total: 0

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-16 Acid Loading Rack** Square Feet Shack: 24 SF; Tanks Floors: 1 Fire Ranking: Coordinates: C,6

Other Factors: P-16 is: 2 tanks, 1 shack, associated piping

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Rope material	On steam line from tanks to P-13, P-14 area	100	LF	59	70-80	
		Material Total:	**100**				
PF	Silver jacket & black tar	On pipe elbows for piping from tanks to P-13, P-14 area	4	LF	58	10-20	2 elbows on 6" O.D. pipe.
		Material Total:	**4**				
PJ	Black jacket on pipe run	On pipe runs from tanks to P-13, P-14 area	100	LF	57	ND	
		Material Total:	**100**				
PR	Pipe lagging insulation (white) on 8" pipe	On pipes near north tank	0		52	ND	See # 50 for QT. Material is damaged, only seen in 2 lengths
PR	Pipe lagging insulation (white) on 8" pipe	On pipes near north tank	10	LF	50	ND	8" O.D. Material is damaged, only seen in 2 lengths
PR	Pipe lagging insulation (white) on 8" pipe	On pipes near north tank	0		51	ND	See # 50 for QT. Material is damaged, only seen in 2 lengths
		Material Total:	**10**				
R	Roof	Shack	24	SF	56	5-10	
		Material Total:	**24**				
TI	White jacket over yellow foam tank insulation	On north tank	0		54	ND	See # 53 for QT. Tank insulated on sides & top
TI	White jacket over yellow foam tank insulation	On north tank	1500	SF	53	ND	Tank insulated on sides & top
TI	White jacket over yellow foam tank insulation	On north tank	0		55	ND	See # 53 for QT. Tank insulated on sides & top

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-16 Acid Loading Rack** Square Feet Shack: 24 SF; Tanks Floors: 1 Fire Ranking: Coordinates: C,6

Other Factors: P-16 is: 2 tanks, 1 shack, associated piping

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
	Material Total:	**1500**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-17 Storage & Shipping** Square Feet 40000 Floors: 1 Fire Ranking: Coordinates: D, 10-11

Other Factors: No suspect materials found inside bldg, no insulation, bare wood

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roof	Entire roof on P-17 is the same. Sample at NW corner	60000	SF	45	1-3	Roof is silver paint on 2-3 layers of tar/felt
		Material Total:	**60000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-18 Lunch Room** Square Feet 675 Floors: 1 Fire Ranking: Coordinates: E,10

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DW	Dry wall w/ joint compound	Interior walls	1000	sf	70	ND	
DW	Dry wall w/ joint compound	Interior walls	0	sf	954	<1	See sample # 70 for QT. Resampling 10/21/94.
DW	Dry wall w/ joint compound	Interior walls	0	sf	953	<1	See sample # 70 for QT. Resampling 10/21/94.
		Material Total:	**1000**				
FS	Linoleum (cream)	West half on interior	350	sf	69	ND	
FS	Linoleum (cream)	West half on interior	0	sf	952	ND	See sample # 69 for QT. Resampling 10/21/94.
FS	Linoleum (cream)	West half on interior	0	sf	951	ND	See sample # 69 for QT. Resampling 10/21/94.
		Material Total:	**350**				
M	Mastic (brown)	Behing paneling on interior walls	300	sf	73	1-3	
M	Mastic (cream)	Behing paneling on interior walls	300	sf	74	ND	
M	Mastic (cream)	Behing paneling on interior walls	0	sf	957	ND	See sample # 74 for QT. Resampling 10/21/94.
M	Mastic (cream)	Behing paneling on interior walls	0	sf	958	ND	See sample # 74 for QT. Resampling 10/21/94.
		Material Total:	**600**				
R	Roof core	Roof	900	sf	71	ND	

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-18 Lunch Room** Square Feet 675 Floors: 1 Fire Ranking: Coordinates: E,10

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roof core	Roof	0	sf	955	ND	See sample # 71 for QT. Resampling 10/21/94.
R	Roof core	Roof	0	sf	956	ND	See sample # 71 for QT. Resampling 10/21/94.
		Material Total:	**900**				
VP	Vapor barrier	Exterior walls behind wood	1000	sf	72	ND	
		Material Total:	**1000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Phosphoric Acid Fertilizer Plant

Building: **P-19 Pump House west of P-06 tanks** Square Feet 100 Floors: 1 Fire Ranking: Coordinates: F,6

Other Factors: This pump house not shown on Dames & Moore Site Plan

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	West side of roof	100	sf	68	40-50	Roof is 6 layers of black tar/felt
		Material Total:	**100**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-01 to Z-04 Acid Plant Buildings & Tanks** Square Feet Floors: Fire Ranking: Coordinates: A-5, 6

Other Factors: Acid Plant has two block buildings, various vertical tanks and vessels, and ducting and piping throughout.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite shingles on side of shack	North end, lower shack	300	SF			Assumed ACM Shingles
		Material Total:	**300**				
DI	Black duct jacket	On duct from north tank to adjacent west building	175	LF	894	1-3	The 4' duct runs 30' off ground to adjacent next building
DI	Black duct jacket	Southeast tanks, ducts	30750	LF	900	10-20	750 lf on 4' dia. duct and 30,000 sf on tanks. Quantity for entire acid plant since material is homogeneous throughout.
DI	Duct mud/fiberglass insulation	On duct from north tank to adjacent west building	0	LF	895	5-10	See sample # 894 for QT. The 4' duct runs 30' off ground to adjacent next building
DI	Duct mud/fiberglass insulation	Southeast tanks, ducts	0	LF	901	ND	See # 900 for QT and comments.
		Material Total:	**30925**				
M	Mastic on pipe elbows	Elbows on piping at east side of north tank	8	SF	897	10-20	Eight elbows
		Material Total:	**8**				
PJ	Black jacket on pipe runs typically over fiberglass	Piping throughout acid plant	500	LF			On 2" and greater pipes. This is the typical black felt jacket over fiberglass on various pipes throughout acid plant
		Material Total:	**500**				
PR	Aircell pipe insulation	West block building	100	LF			On 4" pipe. Assumed ACM, inside west lower block building.
PR	Pipe lagging	East side of north tank	80	LF	896	10-20	On 8" to 14" piping, this piping is at north tank and adjacent tanks
PR	Pipe lagging	East block building	80	LF	898	5-10	On 14" pipes. Vertical pipes in east block building also run horizontal under floor.
PR	Pipe lagging	East block building	0	LF	899	10-20	See #898 for QT. On 14" pipes.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-01 to Z-04 Acid Plant Buildings & Tanks** Square Feet Floors: Fire Ranking: Coordinates: A-5, 6

Other Factors: Acid Plant has two block buildings, various vertical tanks and vessels, and ducting and piping throughout.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Pipe lagging	West block building roof	75	LF	903	5-10	On 10" to 2' piping. Pipes run on roof of west black building and along side of roadway
PR	Pipe lagging	West block building	80	LF	904	15-30	On 2' pipe. Inside west room of west block buildings
		Material Total:	**415**				
R	Roofing	Shacks at north end and roof between tanks and block	3260	SF	902	20-30	Typical tar/felt roofing, east and west block buildings
		Material Total:	**3260**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-05 Concentrate Storage** Square Feet 18750 Floors: 2 Fire Ranking: Coordinates: B/C 3-6

Other Factors: Open bins with tracks and roof over (to dump oar in)

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	South, east, and north walls	17000	sf		10-20	Exterior building
		Material Total:	**17000**				
MS	Tar paper	Under K-01 shingles	17000	sf		ND	
		Material Total:	**17000**				
R	Rolled roof	N1/2	9375	sf	1147	10-20	
R	Rolled roof	N1/2	0		1149	10-20	See # 1147 for QT. Resampled 10/20/94
R	Rolled roof	N1/2	0		1148	10-20	See #1147 for QT. Resampled 10/20/94
		Material Total:	**9375**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-06 Thaw shed** Square Feet 23000 Floors: 2 Fire Ranking: Coordinates: C 3-6

Other Factors: See 10/19/94 page. Covered Train tracks over oar bins. Can see into lower levels from Z-09 & Z-10.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	Upper 15' of west side.	8625	SF		10-20	West side of building, above roof line.
		Material Total:	**8625**				
PR	Mag type insulation	Lowest level, west wall.	575	LF		10-20	<8". Can be seen from NE corner of Z-10.
		Material Total:	**575**				
R	Rolled roof	North half	0	SF	1145	10-20	Same material on drying house ZP-149
R	Rolled roof	North half	11500	SF	1144	10-20	Same material on drying house
R	Rolled roof	North half	0	SF	1146	10-20	Same material on drying house
R	Tar Paper inner roof.	North half	3600	SF		1-3	Original roof under current roof. Can see from Z-05.
R	Tar Paper under K-01 shingles.	North half	31625	SF		ND	Under roof and shingles
		Material Total:	**46725**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-07 Dryhouse** Square Feet 11760 Floors: 4 Fire Ranking: Coordinates: D-C 3

Other Factors: Connected to Z-60, Pretreatment plant. Lower levels of catwalks have been removed, Access to top level from north door (up-hill side).

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	Exterior of south, north, and east walls	12180	SF		10-20	
		Material Total:	**12180**				
MS	Tar paper	Under K-01	12180	SF		ND	
		Material Total:	**12180**				
PR	Mag type	North and south wall	240	LF		10-20	8-18" size pipe.
		Material Total:	**240**				
R	Rolled roofing	Roof	2940	SF		1-3	
		Material Total:	**2940**				
TI	White with grey over lath	Fan and hopper, east side	0	LF	1116	ND	1,2 and 3 open floors
TI	White with grey over lath	Fan and hopper, east side	0	LF	1117	ND	1,2 and 3 open floors
TI	White with grey over lath	Fan and hopper, east side	1210	LF	1115	ND	1,2 and 3 open floors
		Material Total:	**1210**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-08 Rectifier Sub** Square Feet 1050 Floors: 1 Fire Ranking: Coordinates: C-D 4

Other Factors: Concrete block building. Inside diameter of pipe inside building have 1-3" of chemical build-up.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Aircell	East wall	5	LF		43-53	
		Material Total:	**5**				
R	Tar paper	Roof	0	SF	1133	1-3	See sample # 1132 for Quantity.
R	Tar paper	Roof	1050	SF	1132	1-3	Rolled roofing
R	Tar paper	Roof	0	SF	1134	1-3	See sample # 1132 for Quantity.
		Material Total:	**1050**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-09 Cottrell** Square Feet 21600 Floors: 5 Fire Ranking: Coordinates: C-D; 4-5

Other Factors: Building is very dark with lots of large insulated vessels. The building is open to Z-06 on the East side. Mostly expanded metal flooring. Penhouse and various large equipment on the roof. Roof piping leads to Z-61 tanks on north.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
G	Gasket in electrical units	Fourth floor	216	LF	1029	70-80	Fiberous gasket, 2' diameter on upper portion of electrical unit
G	Gasket in electrical units	Fourth floor	0		1030	70-80	See #1029 for quantity. Fiberous gasket, 2' diameter on upper portion of electrical unit
G	Gasket in electrical units	Fourth floor	0		1031	70-80	See #1029 for quantity. Fiberous gasket, 2' diameter on upper portion of electrical unit
G	Rope Gasket	Second Floor	108	LF	1023	50-60	On round doors with 2' diameter.
G	Rope Gasket	Second Floor	0		1025	50-60	See #1023 for quantity. On round doors
G	Rope Gasket	Second Floor	0		1024	50-60	See #1023 for quantity. On round doors
G	Rope Packing	South side fifth floor, southeast Corner	0		1036	80-90	Duplicate of #1032. 2 new boxes of high temperature packing, "asbestos-inconel"
G	Rope packing	South side fifth floor, southeast corner	560	lf	1032	80-90	2 new boxes of high temperature packing, "asbestos-inconel"
		Material Total:	**884**				
M	Hard grey fibrous mastic on exhaust door	North side of roof	105	LF	1040	30-40	Mastic used to seal doors
M	Hard grey fibrous mastic on exhaust door	North side of roof	0		1042	30-40	See #1040 for quantity. Mastic used to seal doors
M	Hard grey fibrous mastic on exhaust door	North side of roof	0		1041	30-40	See #1040 for quantity. Mastic used to seal doors
		Material Total:	**105**				
MS	Cloth, coarse woven	North center roof	10	sf.		ND	Hanging on pipe, center roof

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-09 Cottrell** Square Feet 21600 Floors: 5 Fire Ranking: Coordinates: C-D; 4-5

Other Factors: Building is very dark with lots of large insulated vessels. The building is open to Z-06 on the East side. Mostly expanded metal flooring. Penhouse and various large equipment on the roof. Roof piping leads to Z-61 tanks on north.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Cloth, tightly woven	West wall, northwest corner	0		1004	ND	Duplicate of #500
MS	Cloth, tightly woven	West wall, northwest corner	24	sf	500	ND	Like Z-12 and Z-18. See 435, 436, 437. ZP-75 = ZP-97
MS	Door plate material	South side fifth floor, exhaust chamber.	11	sf	1033	60-70	Door gasket material
MS	Door plate material	South side fifth floor, exhaust chamber door	0		1035	60-70	See #1033 for quantity. Door gasket material
MS	Door plate material	South side fifth floor, exhaust Chamber	0		1034	60-70	See #1033 for quantity. Door gasket material
MS	Large tar and cloth wrap over large lead pipe	Roof	942	sf			5'D x 60lf. Grey wrap, glass under exterior wrap. Connects to Z-16.
		Material Total:	**987**				
PR	Aircell Type	North Wall, 30 Feet West of East Wall	36	lf		55-65	< 8" pipe. Exterior vertical pipe run.
PR	Mag Type	North wall of first floor	25	lf		6-13	<8" pipe.
PR	Mag type	East third floor	45	lf		6-13	Southeast corner
		Material Total:	**106**				
R	Roofing material	All roof	3600	sf	1043	1-3	Black, rolled roof
R	Roofing material	All roof	0		1044	1-3	See #1043 for quantity. Black, rolled roof
R	Roofing material	All roof	0		1045	1-3	See #1043 for quantity. Black, rolled roof

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
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D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-09 Cottrell** Square Feet 21600 Floors: 5 Fire Ranking: Coordinates: C-D; 4-5

Other Factors: Building is very dark with lots of large insulated vessels. The building is open to Z-06 on the East side. Mostly expanded metal flooring. Penhouse and various large equipment on the roof. Roof piping leads to Z-61 tanks on north.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**3600**				
S	Exterior Corrugated Metal Coating	North Wall and 40 feet of west wall	7800	sf	497	10-20	Green painted fiberous (brown) coating on building exterior
S	Exterior Corrugated Metal Coating	North Wall and 40 feet of west wall	0		499	10-20	See #497 for quantity. Green painted fiberous (brown) coating on building exterior
S	Exterior Corrugated Metal Coating	North Wall and 40 feet of west wall	0		498	10-20	See #497 for quantity. Green painted fiberous (brown) coating on building exterior
S	Hard material on exterior of roof exhaust chamber	North side of roof	0		1039	ND	See #1037 for quantity. Cement like plaster
S	Hard material on exterior of roof exhaust chamber	North side of roof	0		1038	ND	See #1037 for quantity. Cement like plaster
S	Hard material on exterior of roof exhaust chamber	North side of roof	1500	sf	1037	ND	Cement like plaster
S	Interior coating on corrugated steel	North wall and part of west wall	7800	sf	1002	10-20	Black coating on interior corrugated steel
S	Interior coating on corrugated steel	North wall and part of west wall	0		1003	10-20	See #1002 for quantity. Black coating on interior corrugated steel
S	Interior coating on corrugated steel	North wall and part of west wall	0		1001	10-20	See #1002 for quanity. Black coating on interior corrugated steel
		Material Total:	**17100**				
TI	Exterior Layer, Hopper Jacket	Whole Floor, Second Floor	0	SF	1007	20-30	Inverted 4-sided pyramid shaped hopper. 1/2 - 1" thick mud on chicken wire
TI	Exterior Layer, Hopper Jacket	Whole Floor, Second Floor	4230	SF	1005	20-30	Inverted 4-sided pyramid shaped hopper. 1/2 - 1" thick mud on chicken wire
TI	Exterior Layer, Hopper Jacket	Whole Floor, Second Floor	0	SF	1006	20-30	Inverted 4-sided pyramid shaped hopper. 1/2 - 1" thick mud on chicken wire

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
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DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-09 Cottrell** Square Feet 21600 Floors: 5 Fire Ranking: Coordinates: C-D; 4-5

Other Factors: Building is very dark with lots of large insulated vessels. The building is open to Z-06 on the East side. Mostly expanded metal flooring. Penhouse and various large equipment on the roof. Roof piping leads to Z-61 tanks on north.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
TI	Exterior mud on metal lath	West second floor	0	sf	1019	3-5	See #1017 for quantity. Exterior mud metal lath (Herringbone pattern)
TI	Exterior mud on metal lath	West second floor	0	sf	1018	3-5	See #1017 for quantity. Exterior mud metal lath (Herringbone pattern)
TI	Exterior mud on metal lath	West second floor	1350	SF	1017	3-5	Exterior mud metal lath (Herringbone pattern)
TI	Exterior mudded material on check wire	West second floor	0	sf	1012	NA	Inverted pyramid hopper, cross patterned wire, grey chuncks in mud
TI	Exterior mudded material on check wire	West second floor	1670	sf	1011	50-60	Inverted pyramid hopper, cross patterned wire, grey chuncks in mud
TI	Exterior mudded material on check wire	West second floor	0	sf	1013	NA	Inverted pyramid hopper, cross patterned wire, grey chuncks in mud
TI	Interior and exterior layers of hopper	West third floor	2800	sf		20-30	Rectangular vessels, top and bottom not mudded, attached to second hopper
TI	Interior and exterior layers of hopper	Central and east third floor	5600	sf		20-30	Rectangular vessels, top and bottom not mudded, attached to second hopper
TI	Interior glass material	West second floor	1670	sf	1014	ND	Interior glass on hopper
TI	Interior glass material	West second floor	0	sf	1022	ND	See #1020 for quantity. Glass material under herringbone pattern.
TI	Interior glass material	West second floor	1350	sf	1020	ND	Glass material under herringbone pattern
TI	Interior glass material	West second floor	0	sf	1021	ND	See #1020 for quantity. Glass material under herringbone pattern
TI	Interior glass material	West second floor	0	sf	1016	ND	See #1014 for quantity. Interior glass on hopper
TI	Interior glass material	West second floor	0	sf	1015	ND	See #1014 for quantity. Interior glass on hopper

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
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D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-09 Cottrell** Square Feet 21600 Floors: 5 Fire Ranking: Coordinates: C-D; 4-5

Other Factors: Building is very dark with lots of large insulated vessels. The building is open to Z-06 on the East side. Mostly expanded metal flooring. Penhouse and various large equipment on the roof. Roof piping leads to Z-61 tanks on north.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
TI	Interior Layer, Hopper Jacket	Whole Floor, Second Floor	4230	sf	1008	ND	Inverted 4-sided pyramid shaped hopper. Glass under chicken wire
TI	Interior Layer, Hopper Jacket	Whole Floor, Second Floor	0	sf	1009	ND	Inverted 4-sided pyramid shaped hopper. Glass under chicken wire
TI	Interior Layer, Hopper Jacket	Whole Floor, Second Floor	0	sf	1010	ND	Inverted 4-sided pyramid shaped hopper. Glass under chicken wire
TI	Mud and glass insulation	South side fifth floor	68	sf		ND	Upside down isosceles triangles. Patches under tube.
TI	Mud and glass insulation	South side fifth floor	340	sf		ND	Stack insulation
TI	Mud and glass insulation	South side fifth floor	1413	sf		ND	Exhaust tube horizontal
TI	Mud without grey chunks, fourth floor	Middle fourth floor on south side	0	sf	1027	ND	See #1026 for quantity. Exterior coat grey chunks over metal lath
TI	Mud without grey chunks, fourth floor	Middle fourth floor on south side	1024	sf	1026	ND	Exterior coat grey chunks over metal lath
TI	Mud without grey chunks, fourth floor	Middle fourth floor on south side	0	sf	1028	ND	See #1026 for quantity. Exterior coat grey chunks over metal lath
TI	Mud without grey chunks, fuzzy	South fourth floor	272	sf		3-5	Expanded metal lath (herringbone), fuzzy material. Like ZP-104/105.

Material Total: 26017

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-10 Roaster Floor** Square Feet 172800 Floors: 6 Fire Ranking: Coordinates: C-D; 5-8

Other Factors: Very dark building. Roasters extend from 1st floor to 6th floor with catwalk conveyors above. Some portions of the floors are very wobbly. Salvage has occured on ground floor and south end.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	12"x12" adhered (puzzle)	West second floor	0	SF	1067	ND	See #1066 for quantity. Office over Z-12
AT	12"x12" adhered (puzzle)	West second floor	444	SF	1066	ND	Office over Z-12
AT	12"x12" adhered (puzzle)	West second floor	0	SF	1068	ND	See #1066 for QT. Office over Z-12
AT	12"x12" adhered (Puzzle)	First floor	144	SF		ND	Office over Z-12
		Material Total:	**588**				
CA	Corrugated CA	South and east portion of roof.	15600	SF	1150	20-30	Upper penthouse roof on south and east side.
CA	Shingles	West side exterior wall	4000	SF		10-20	Shingles can be seen from Z-12.
CA	Transite flat panels.	West room (over Z-12)	1280	SF	1061	10-20	1/4" Board hard material
CA	Transite flat panels.	West room over Z-12	0	SF	1062	20-30	Duplicate sample. See # 1061 for QT. 1/4" Board hard material
		Material Total:	**20880**				
G	Door gasket material	Hopper, west end	151	LF		50-60	Rope gasket material
G	Rope door gasket	Northeast fourth, roaster	256	LF		50-60	Rope gaskets in door
G	Rope gasket	On roaster doors	128	SF		50-60	Rope gaskets on door.
		Material Total:	**535**				

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SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-10 Roaster Floor** Square Feet 172800 Floors: 6 Fire Ranking: Coordinates: C-D; 5-8

Other Factors: Very dark building. Roasters extend from 1st floor to 6th floor with catwalk conveyors above. Some portions of the floors are very wobbly. Salvage has occured on ground floor and south end.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
M	Grey fiberous caulking	2nd floor. Southern two roasters	0	LF	1072	ND	See 1070 for QT. Door caulking on southern two roasters
M	Grey fiberous caulking	2nd floor. Southern two roasters	288	LF	1070	ND	Door caulking on southern two roasters
M	Grey fiberous caulking	2nd floor. Southern two roasters	0	LF	1071	ND	See 1070 for QT. Door caulking on southern two roasters
		Material Total:	**288**				
MS	Ceramic and rope filter pack	South wall ground floor.	12	SF		20-30	Like those in Z-13
MS	Cloth boots, loose weave	Northwest side of sixth	51	SF	1112	ND	North end exhaust with grey insulation
MS	Cloth boots, loose weave	Northwest side of sixth	800	SF	1113	ND	Fabric gasket over auger
MS	Cloth boots, loose weave	Eigth roof top	503	SF	1114	ND	Fabric gasket over auger
MS	Cloth, coarse weave	Ground floor, west wall, north end	12	SF		ND	
MS	Cloth, door cover	Ground floor, west wall	0	SF	1048	ND	See 1046 for QT. Coarse weave
MS	Cloth, door cover	Ground floor, west wall	200	SF	1046	ND	Coarse weave
MS	Cloth, door cover	Ground floor, west wall	0	SF	1047	ND	See 1046 for QT. Coarse weave
MS	Cloth, loose weave	Flue above roof	50	SF		70-80	
MS	Cloth, loose weave, door gasket stuff	3rd floor. All hoppers, west side	64	LF	1103	70-80	White cloth around doors

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BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-10 Roaster Floor** Square Feet 172800 Floors: 6 Fire Ranking: Coordinates: C-D; 5-8

Other Factors: Very dark building. Roasters extend from 1st floor to 6th floor with catwalk conveyors above. Some portions of the floors are very wobbly. Salvage has occured on ground floor and south end.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Cloth, loose weave, door gasket stuff	3rd floor. All hoppers, west side	0	LF	1104	70-80	See 1103 for QT. White cloth around doors
MS	Cloth, loose weave, door gasket stuff	3rd floor. All hoppers, west side	0	LF	1105	70-80	See 1103 for QT. White cloth around doors
MS	Cloth, used for gaskets	5th floor. On west units	128	LF		70-80	
MS	Electric panel insulation	Southwest corner	1	SF		50-70	White fuzzy
MS	White material	South end of roof	16	LF		70-80	Rope gasket material
		Material Total:	**1837**				
PR	Aircell	Ground floor, center west	5	LF		43-53	>18 Pipe on floor. ~2.5' diameter pipe.
PR	Aircell type	Ground floor, west wall	40	LF		43-53	<8"
PR	Aircell, all types with black wrap	5th floor, southeast side	225	LF		43-53	<8". Follows east wall.
PR	Black crystal insulation on steel	5th floor, west side	0	LF	1111	ND	See 1109 for QT. Looks like an old tar paper wrap material
PR	Black crystal insulation on steel	5th floor, west side	0	LF	1110	ND	See 1109 for QT. Looks like an old tar paper wrap material
PR	Black crystal insulation on steel	5th floor, west side	220	LF	1109	ND	Looks like an old tar paper wrap material
PR	Black wrap fiberglass	Ground floor, west wall	80	LF		ND	<8"
PR	Grey and white pipe wrap	By north side of west offices, 4th floor.	1	LF	Assume		< 8" rolled insulation

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BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-10 Roaster Floor** Square Feet 172800 Floors: 6 Fire Ranking: Coordinates: C-D; 5-8

Other Factors: Very dark building. Roasters extend from 1st floor to 6th floor with catwalk conveyors above. Some portions of the floors are very wobbly. Salvage has occured on ground floor and south end.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Mag	East side sixth	210	LF		10-20	8-18" pipe.
PR	Mag	Southwest portion, 2nd & 3rd.	400	LF		6-13	>18"
PR	Mag	Southwest portion, 2nd.	332	LF		6-13	<8"
PR	Mag	Ground floor, west wall, north end to 2nd.	430	LF		6-13	<8"
PR	Mag	Southwest portion, 2nd.	292	LF		6-13	8"-18"
PR	Mag	Northwest corner, fourth	10	LF		10-20	<8"
PR	Mag	Ground floor, west wall	95	LF		6-13	8" to 18"
PR	Mag type	West wall, third floor	280	LF	1073	10-20	>18". – 2-3' diameter pipe.
PR	Mag type	East, west wall, third floor	220	LF		10-20	8-18" along east wall.
PR	Mag type	West side third	80	LF		10-20	<8"
PR	Mag type	Northwest corner, fifth floor	140	LF		10-20	<8"
PR	Mag type	West wall, third floor.	0	LF	1080	10-20	Split Duplicate Sample. See 1073 for QT.
PR	Mag type	Southeast fourth	30	LF		10-20	<8"
PR	Mag type inner layer	East side third	560	LF	1084	5-10	>18"

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SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-10 Roaster Floor** Square Feet 172800 Floors: 6 Fire Ranking: Coordinates: C-D; 5-8

Other Factors: Very dark building. Roasters extend from 1st floor to 6th floor with catwalk conveyors above. Some portions of the floors are very wobbly. Salvage has occured on ground floor and south end.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Mag type insulation over metal lath	Ground floor, center west	21	LF		73-85	>18 White insulation with grey shards. ~2.5 diameter pipe.
PR	Mag, two layer	Southwest portion, third floor.	15	LF		10-20	>18", 1' to 2' diam
PR	Mag, two layer	Southwest 1/4, fifth floor	940	LF		10-20	>18", 1' to 2' diameter.
PR	White fluffy on chicken wire	Northeast roaster, fourth	35	LF		ND	>18". 4 units.
PR	White fluffy on chicken wire	Northeast roaster, fourth	48	LF		ND	>18". 4 units w/ 5' cone 2' high, 3-5' diameter.
PR	White fluffy on chicken wire	Northeast roaster, fourth	80	LF		ND	>18". 4 units 3' diameter.
PR	White fluffy over chicken wire	East third floor	0	SF	1087	ND	See 1085 for QT. 4 units @ 2' X 3' Rectangle, 15' long.
PR	White fluffy over chicken wire	East third floor, east side of roaster.	600	SF	1085	ND	4 units @ 2' X 3' Rectangle, 15' long.
PR	White fluffy over chicken wire	East third floor	0	SF	1086	ND	See 1085 for QT. 4 units @ 2' X 3' Rectangle, 15' long.
PR	White insulation with grey	Southwest portion, 2nd.	105	SF		73-85	4 units @ 2' x 3' rectangle plus 5' section.
PR	White mud with grey	NE 1/4, ground floor.	10	LF		73-85	Pipe debris on ground
PR	White with grey	East second floor	156	LF		73-85	>18"; 2 @ 3' diameter & 1 @ 2' diameter. 4 units of these sizes..
PR	White with grey on lath	Northeast sixth	55	LF		ND	>18". ~ 4' diameter pipe.
PR	White with grey on lath	Northeast sixth	280	LF		ND	4 units of 2' - 3' diameter pipe. 1 - 10' pipe looks grayer.

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SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-10 Roaster Floor** Square Feet 172800 Floors: 6 Fire Ranking: Coordinates: C-D; 5-8

Other Factors: Very dark building. Roasters extend from 1st floor to 6th floor with catwalk conveyors above. Some portions of the floors are very wobbly. Salvage has occured on ground floor and south end.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	White with grey on lath	Northeast sixth	720	SF		ND	4 tubes, 3' diameter 20' long.
PR	White with grey on lath	Northeast area	640	SF		ND	4 units @ 2' x 2' x 20' long rectangle.
PR	White with grey on lath	Northeast area	2200	SF		ND	4 units @ 20' diameter x 8' high plus cone 20' to 8', 4' high.
PR	White with grey on lath, dark insulation	Northeast fourth	15	LF		ND	~ 3' diameter pipe.
PR	White with grey over lath over metal lath	Northeast fifth	168	LF		ND	4 units @ 3' Diam
PR	White with grey over metal lath	East third floor	160	LF		ND	4 units 40' long & 1'-2' diameter
PR	White with grey over metal lath	East third floor	96	LF		ND	4 units 24' long, 1@2.5, 1@3.5 diameter.
		Material Total:	**9994**				
R	Rolled roofing	Northeast 1/4, midway	0	SF	1142	40-50	See 1141 for QT. Upper roof has rolled over built-up tar (like cottrell).
R	Rolled roofing	Southeast 1/4, upper	0	SF	1143	40-50	See 1141 for QT. Upper roof has rolled over built-up tar (like cottrell).
R	Rolled roofing	Northeast corner, lower	30000	SF	1141	40-50	Upper roof has rolled over built-up tar (like cottrell)
		Material Total:	**30000**				
S	Grey texture, bathrooms	Over Z-12	0	SF	1082	ND	See 1081 for QT. Ceiling texture
S	Grey texture, bathrooms	Over Z-12	300	SF	1081	ND	Ceiling texture.

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SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-10 Roaster Floor** Square Feet 172800 Floors: 6 Fire Ranking: Coordinates: C-D; 5-8

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Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
S	Grey texture, bathrooms	PR over Z-12	0	SF	1083	ND	See 1081 for QT. Ceiling texture.
S	Gunnite	South wall	6300	SF		ND	Material is like melting room.
		Material Total:	**6600**				
TI	Amber soft	West second floor	1155	SF		ND	1 Unit attached to round vessels
TI	Black hard	West second floor	3465	SF		1-3	3 Units attached to round vessels
TI	Blue grey tunnel on chicken wire	Southwest hopper, 4th floor.	0	SF	1102	60-80	See 1100 for QT.
TI	Blue grey tunnel on chicken wire	Southwest hopper. 4th floor.	320	SF	1100	60-80	
TI	Blue grey tunnel on chicken wire	Southwest hopper, 4th floor.	0	SF	1101	60-80	See 1100 for QT.
TI	Cream inner insulation layer	NW portion, ground floor	0	SF	1060	ND	Two units east/west
TI	Cream inner insulation layer	NW portion, ground floor	0	SF	1059	ND	Two units east/west
TI	Cream inner insulation layer	NW portion, ground floor	1750	SF	1058	ND	Two units east/west
TI	Grey to cream insulation under lath	Hopper, west side third floor.	807	SF	1077	<1	4 base units with 2 cones per base.
TI	Grey to cream insulation under lath	Hopper, west side third floor.	0	SF	1079	<1	See 1077 for QT.
TI	Grey to cream insulation under lath	Hopper, west side third floor.	0	SF	1078	<1	See 1077 for QT.

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SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

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Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
TI	Hard block exterior; outer insulation	NW portion, ground floor	0	SF	1056	1-3	Two units east/west
TI	Hard block exterior; outer insulation	NW portion, ground floor	0	SF	1057	1-3	Two units east/west
TI	Hard block exterior; outer insulation	NW portion, ground floor	1750	SF	1055	1-3	Two units east/west
TI	Hard coat on chicken wire	Middle third floor	1920	SF		1-3	Top of unit attached to roaster
TI	Hard ext. coat over glass	Middle third floor	283	SF		1-3	Pipe cover on unit attached to Roaster 2-4' diameter, 30' long.
TI	Hard, white on mesh glass under	Middle two west hoppers, third floor	0	SF	1099	10-20	See 1097 for QT. 2 units @ 5' x 15' x 8'. Top and bottom uninsulated
TI	Hard, white on mesh glass under	Middle two west hoppers, third floor	0	SF	1098	10-20	See 1097 for QT. 2 units @ 5' x 15' x 8'. Top and bottom uninsulated
TI	Hard, white on mesh glass under	Middle two west hoppers, third floor	640	SF	1097	10-20	2 units @ 5' x 15' x 8'. Top and bottom uninsulated
TI	Mud surface	Ground floor, near west wall, center of building	0	SF	1051	ND	See 1049 for QT. 2 units, hard surface, amber mud on metal lath, herringbone.
TI	Mud surface	Ground floor, near west wall, center of building	1750	SF	1049	ND	2 units, hard surface, amber mud on metal lath, herringbone.
TI	Mud surface	Ground floor, near west wall, center of building	0	SF	1050	ND	See 1049 for QT. 2 units, hard surface, amber mud on metal lath, herringbone.
TI	Soft coat on chicken wire	East third floor	754	SF		ND	Roaster round tanks
TI	Soft insulation over chicken wire	West side, fifth floor	1848	SF		ND	
TI	Soft on chicken wire glass	Northwest hopper, third floor.	0	SF	1096	ND	See 1094 for QT. 2 units of two connected cylinders. Top and bottom uninsulated

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SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-10 Roaster Floor** Square Feet 172800 Floors: 6 Fire Ranking: Coordinates: C-D; 5-8

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Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
TI	Soft on chicken wire glass	Northwest hopper, third floor.	252	SF	1094	ND	2 units of two connected cylinders. Top and bottom uninsulated
TI	Soft on chicken wire glass	Northwest hopper, third floor.	0	SF	1095	ND	See 1094 for QT. 2 units of two connected cylinders. Top and bottom uninsulated
TI	Soft white fuzzy insulation over chicken	West side fifth	1290	SF		ND	Rectangluar box on top of two cylinders.
TI	Soft white fuzzy over chicken wire	West side, fifth floor.	267	SF		ND	2 cyclinder and retangluar hopper
TI	Soft white fuzzy over chicken wire	West side, fifth floor	210	SF		ND	Rectangluar hopper.
TI	Soft white fuzzy over chicken wire	West side, fifth floor	126	SF		ND	Rectangluar hopper.
TI	Soft white insulation on chicken wire	East side boilers, fourth floor.	5278	SF		ND	Roaster insulation
TI	Soft white insulation on chicken wire over glass	East four boilers, fifth floor.	1320	SF		ND	
TI	Soft white material over gray insulation	Northeast corner, fifth floor.	0	SF	1107	ND	Bowl shaped
TI	Soft white material over gray insulation	Northeast corner, fifth floor.	0	SF	1108	ND	Bowl shaped
TI	Soft white material over gray insulation	Northeast corner, fifth floor.	70	SF	1106	ND	Bowl shaped
TI	Soft, yellow fiberglass undercoat	Ground floor, near west wall, center of building	0	SF	1053	ND	See 1052 for QT. Fiberglass undercoat
TI	Soft, yellow fiberglass undercoat	Ground floor, near west wall, center of building	1750	SF	1052	ND	Fiberglass undercoat
TI	Soft, yellow fiberglass undercoat	Ground floor, near west wall, center of building	0	SF	1054	ND	See 1052 for QT. Fiberglass undercoat

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Facility: Zinc Plant

Building: **Z-10 Roaster Floor** Square Feet 172800 Floors: 6 Fire Ranking: Coordinates: C-D; 5-8

Other Factors: Very dark building. Roasters extend from 1st floor to 6th floor with catwalk conveyors above. Some portions of the floors are very wobbly. Salvage has occured on ground floor and south end.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
TI	White fluffy insulation on chicken wire	East side second floor	5278	sf	1063	ND	Roaster insulation
TI	White fluffy insulation on chicken wire	East side second floor	0	sf	1065	ND	See 1063 for QT.
TI	White fluffy insulation on chicken wire	East side second floor	0	sf	1064	ND	See 1063 for QT.
TI	White fuzzy chicken wire	West side third	840	SF	1088	ND	3 Exhaust vessel units.
TI	White fuzzy chicken wire	South three units, third floor	0	SF	1089	ND	See 1088 for QT. 3 Exhaust vessel units.
TI	White fuzzy chicken wire	South three units, third floor	0	SF	1090	ND	See 1088 for QT. 3 Exhaust vessel units.
TI	White insulaiton on metal lath	Northwest flue, third floor.	0	SF	1093	ND	See 1091 for QT. 1 Exhaust vessel
TI	White insulaiton on metal lath	Northwest flue, third floor	280	SF	1091	ND	1 Exhaust vessel
TI	White insulaiton on metal lath	Northwest flue, third floor.	0	SF	1092	ND	See 1091 for QT. 1 Exhaust vessel
TI	White with grey	Second floor	160	SF		73-85	Frustum 2' x 3'; 4' high
TI	White with grey	West second	32	SF		ND	one unit
TI	White with grey chicken wire, no glass	North east fifth	440	SF		ND	Large cone with cap.
TI	White with grey on chicken wire	West fifth floor	280	SF		ND	
TI	White with grey on chicken wire, no glass	Northeast, fifth floor	440	SF		ND	NE roaster has white with grey insulation

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-10 Roaster Floor** Square Feet 172800 Floors: 6 Fire Ranking: Coordinates: C-D; 5-8

Other Factors: Very dark building. Roasters extend from 1st floor to 6th floor with catwalk conveyors above. Some portions of the floors are very wobbly. Salvage has occured on ground floor and south end.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
TI	White with grey on lath	West side, sixth floor	1200	SF		ND	12 units at 100 sf.
TI	White with grey on lath	West side, sixth floor	540	SF		ND	27 units at 3' base, 1' top, 4' high.
TI	White with grey on metal lath exterior coating	Hopper, west side third floor	0	SF	1075	ND	See 1074 for QT. units with 4' x 12' base; 3' x 7' top, 6' high, 1' band on top, plus 8 cones 4' high w/ 3' base 2' top.
TI	White with grey on metal lath exterior coating	Hopper, west side third floor	807	SF	1074	ND	4 units with 4' x 12' base; 3' x 7' top, 6' high, 1' band on top, plus 8 cones 4' high w/ 3' base 2' top.
TI	White with grey on metal lath exterior coating	Hopper, west side third floor	0	SF	1076	ND	See 1074 for QT. units with 4' x 12' base; 3' x 7' top, 6' high, 1' band on top, plus 8 cones 4' high w/ 3' base 2' top.
TI	White with grey over lath	Northeast sixth floor	1476	SF		ND	Cylinder with two cones attached.
		Material Total:	**38778**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-10A, Shed south of Z-10** Square Feet 875 Floors: 1.5 Fire Ranking: Coordinates: C 8

Other Factors: Floor is flooded, couldn't access the main floor. No access available to penthouse.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	East, west and south siding	2790	SF		10-20	East, west and south sides, plus penthouse.
		Material Total:	**2790**				
G	Flat gasket material	South & north walls	42	LF		73-85	Hanging on north and south walls.
		Material Total:	**42**				
MS	Tar paper	East, west and south siding	2790	SF		ND	Paper under shingles
		Material Total:	**2790**				
R	Rolled Roof	Roof	875	SF		40-50	
		Material Total:	**875**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-11 Concentrate Handling Building** Square Feet 30800 Floors: 3 Fire Ranking: Coordinates: D-14

Other Factors: Building is open with railroad tracks running inside. Z-11 includes the 3 vertical tanks outside the building at the northwest area. Northernmost tank is connected to Z-16.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	12"x12" ceiling tile	Level 2; mezzanine office	100	SF	835	ND	
AT	12"x12" ceiling tile	Level 2; mezzanine office	0		837	ND	See #835 for QT.
AT	12"x12" ceiling tile	Level 2; mezzanine office	0		836	ND	See #835 for QT.
		Material Total:	**100**				
DI/TI	Duct mud insulation	Northwest area outside building, top of north most	500	SF	878	ND	400SF + 100LF on 4' ducts over chicken wire/fiberglass. On vessels and ducting on top of north most tank and connecting to Z-16 south end of roof
		Material Total:	**500**				
MS	Coating (thin) on interior of corrugated metal	South end, east side upper level interior wall	60000	SF	831	ND	Appears to be on interior side of all corrugated metal panels. Very thin.
		Material Total:	**60000**				
PJ	Black pipe jacket	North end, upper level	350	LF	833	ND	On two 3" pipes. Jacket is over fiberglass on upper level pipes.
		Material Total:	**350**				
PR	Pipe lagging	North end, level 2	10	LF	834	40-50	On 4" pipe. Most of piping not insulated
PR	Pipe lagging	Northwest area outside building, ground level	150	LF	838	20-30	On 14" pipe. Pipe runs outside the building at the NW area near tanks and under tanks.
PR	Pipe lagging	Northeast corner, upper level	10	LF	832	5-10	On 4" pipe. Most of pipe lines not insulated
PR	Pipe lagging (paper under metal jacket)	Northwest area outside building, ground level	100	LF	839	40-50	On 8" pipe. Pipe is outside the building along west side of the three tanks. Pipe connects Z-11 to Z-16.
		Material Total:	**270**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-11 Concentrate Handling Building** Square Feet 30800 Floors: 3 Fire Ranking: Coordinates: D-14

Other Factors: Building is open with railroad tracks running inside. Z-11 includes the 3 vertical tanks outside the building at the northwest area. Northernmost tank is connected to Z-16.

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-12 Leach floor** Square Feet 90000 Floors: 5 Fire Ranking: Coordinates: D 5-8

Other Factors: Wood tanks have been removed from south side, piles of concrete and metal on north side. Portions of upper catwalks have collapsed.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	North wall	4200	SF		10-20	North wall only, east and west walls open to other buildings
		Material Total:	**4200**				
D	Mag type	South end of concrete office.	2	LF		6-13	Pipe penitration through walls
		Material Total:	**2**				
FT	12"x12" brown floor tile with white specs	120-140 feet north of southwest corner, third floor	315	SF	486	1-3	Offices out over Z-18
FT	12"x12" brown floor tile with white specs	120-140 feet north of southwest corner, third floor	0	SF	487	NA	See 486 for QT. Offices out over Z-18
FT	12"x12" brown floor tile with white specs	120-140 feet north of southwest corner, third floor	0	SF	488	NA	See 486 for QT. Offices out over Z-18
		Material Total:	**315**				
G	Rope gasket	East side overhang, fourth floor	232	LF	496	70-80	1/2" rope gasket on bottom of metal funnel chutes
		Material Total:	**232**				
MS	Cloth coarse weave	Fourth floor	122	SF	492	50-60	Tank supply chutes and exhaust drops
MS	Cloth fine weave	Fourth floor	106	SF	493	ND	Tank supply chutes and exhaust drops
MS	Cloth fine weave	Fourth floor	0	SF	495	ND	See 492 for QT. Tank supply chutes and exhaust drops
MS	Cloth fine weave	Fourth floor	0	SF	494	ND	See 493 for QT. Tank supply chutes and exhaust drops
MS	Cloth, fuzzy	Center fifth floor and fourth floor	16	LF		ND	Cloth boots, like material at north end of Z-18

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-12 Leach floor** Square Feet 90000 Floors: 5 Fire Ranking: Coordinates: D 5-8

Other Factors: Wood tanks have been removed from south side, piles of concrete and metal on north side. Portions of upper catwalks have collapsed.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Cloth, medium weave	East wall, first floor	3	SF		80-90	Like dross sled material
MS	Fibrous pipe, very dirty.	East wall, first floor	0	LF	472	NA	See 469 for QT. Very decomposed PR
MS	Fibrous pipe, very dirty.	North wall, first floor	50	LF	469	10-20	Very decomposed PR
MS	Fibrous pipe, very dirty.	East wall, first floor	0	LF	470	NA	See 469 for QT. Very decomposed PR
MS	Heat resistant suit	100 feet south of west wall	1	EA	471	60-70	One suit: hard hat, feet, full suit
MS	Sound insulation; brown paper	160 feet north of southwest third floor	0	SF	491	ND	See 489 for QT. Honey comb brown material between walls of offices
MS	Sound insulation; brown paper	160 feet north of southwest third floor	800	SF	489	ND	Honey comb brown material between walls of offices
MS	Sound insulation; brown paper	160 feet north of southwest third floor	0	SF	490	ND	See 489 for QT. Honey comb brown material between walls of offices
		Material Total:	**1098**				
PR	Aircell type	North side of northeast tank, second floor	20	LF		55-65	<8"
PR	Aircell type	Northwest tank, second floor	10	LF		55-65	8-18"
PR	Aircell type	South half of east wall, first floor.	80	LF		55-65	8-18"
PR	Aircell type	North half of east wall, first floor	60	LF		55-65	<8"
PR	Black overjacket	East wall, second floor	0	LF	480	ND	See 479 for QT. Black jacket over canvas covered fiberglass

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-12 Leach floor** Square Feet 90000 Floors: 5 Fire Ranking: Coordinates: D 5-8

Other Factors: Wood tanks have been removed from south side, piles of concrete and metal on north side. Portions of upper catwalks have collapsed.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Black overjacket	East wall, second floor	30	LF	479	ND	Black jacket over canvas covered fiberglass
PR	Black overjacket	East wall, second floor	0	LF	481	ND	See 479 for QT. Black jacket over canvas covered fiberglass
PR	Fiberglass	North wall, east-west run, first floor.	60	LF		ND	Black wrapped fiberglass
PR	Fiberglass jacket	West wall over lower second floor	0	LF	485	ND	See 483 for QT. White heavy canvas jacket, yellow glass underneath
PR	Fiberglass jacket	West wall over lower second floor	30	LF	483	ND	White heavy canvas jacket, yellow glass underneath
PR	Fiberglass jacket	West wall over lower second floor	0	LF	484	ND	See 483 for QT. White heavy canvas jacket, yellow glass underneath
PR	Fiberglass with black jacket	South wall, second floor.	55	LF		ND	<8"
PR	Fiberglass with black jacket	West wall, second floor	45	LF		ND	8-18"
PR	Fiberglass with black jacket	Between northwest and middle tank, second foor.	10	LF		ND	<8"
PR	mag	Center fifth floor	60	LF		6-13	>18"
PR	Mag type	South wall, second floor.	140	LF		6-13	<8"
PR	Mag type	140 feet north of southwest corner, third floor	100	LF		6-13	>18", 2.5'Diam
PR	Mag type	40-60' north of SW corner, second floor.	65	LF		6-13	8-18"
PR	Mag type	Southeast corner, north and west wall	160	LF		6-13	>18"

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-12 Leach floor** Square Feet 90000 Floors: 5 Fire Ranking: Coordinates: D 5-8

Other Factors: Wood tanks have been removed from south side, piles of concrete and metal on north side. Portions of upper catwalks have collapsed.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Mag type	West wall, third floor	12	LF		6-13	>18"; office areas above ZP-18
PR	Mag type vertical lines	140 feet north of southwest third floor	30	LF		6-13	,8", by offices over 18"
		Material Total:	**967**				
R	Asphalt shingles	Roof	18000	SF		ND	
R	Rolled roofing	Roof	18000	SF		ND	
		Material Total:	**36000**				
TI	Fiberglass exterior	Northeast tank, second floor	1471	SF	476	ND	Fiberglass, pink, NE tank
TI	Fiberglass exterior	Northeast tank, second floor	0	SF	477	ND	See 476 for QT. Fiberglass, pink, NE tank.
TI	Fiberglass exterior	Northeast tank, second floor	0	SF	478	ND	See 476 for QT. Fiberglass, pink, NE tank.
TI	Hard, black insulation on chicken wire	NW tank, second floor	3142	SF	475	ND	See 1184 & 1185. Tank insulation, chicken wire overjacket, wood substrate, NW & NE tanks.
TI	Hard, black insulation on chicken wire	NW tank	0	SF	1184	5-10	See 475 for QT. Resample 10/21/94
TI	Hard, black insulation on chicken wire	NW tank	0	SF	1185	5-10	See 475 for QT. Resample 10/21/94
TI	Mag type	Middle east tank, second floor	1571	SF	474	40-50	Hard black coat, middle west tank
TI	Mag type	SW tank, second floor	3142	SF	473	70-80	Tank insulation, burlap overjacket, wood substrate, SW & SE tanks

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-12 Leach floor** Square Feet 90000 Floors: 5 Fire Ranking: Coordinates: D 5-8

Other Factors: Wood tanks have been removed from south side, piles of concrete and metal on north side. Portions of upper catwalks have collapsed.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
TI	Mag type with burlap overjacket	Southwest tank, second floor	0	SF	482	55-70	Split duplicate of 473

Material Total: 9326

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-13 South addition to leach floor** Square Feet 7200 Floors: 2 Fire Ranking: Coordinates: D 8

Other Factors: N,W walls open to other building, E & S have K01, ACM piping enters from SE wall

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	East & south walls.	5000	SF		10-20	K01 with tar paper underneath
		Material Total:	**5000**				
D	Tar paper	SW corner West wall	400	SF	459	ND	Tar paper debris along west wall walkway.
D	Tar paper	SW corner, west wall	0	SF	460	ND	See 459 for QT. Tar paper debris along west wall walkway.
D	Tar paper	SW corner, west wall	0	SF	461	ND	See 459 for QT. Tar paper debris along west wall walkway.
		Material Total:	**400**				
G	Gasket on fiberglass	Second floor, south wall	25	LF	467	70-80	Fiberous gasket material, 1-8".
		Material Total:	**25**				
M	White mortar on inside of wooden tank	South tank	1885	SF	447	ND	Appears inner tank was lined with brick & mortar
M	White mortar on inside of wooden tank	South tank	0	SF	449	ND	See sample 447 for QT.
M	White mortar on inside of wooden tank	South tank	0	SF	448	ND	See sample 447 for QT.
		Material Total:	**1885**				
MS	Ceramic filler	Second floor, south wall	0	SF	465	NA	See 464 for QT. Ceramic blocks with rope packing
MS	Ceramic filler	Second floor, south wall	0	SF	466	NA	See 464 for QT. Ceramic blocks with rope packing
MS	Ceramic filler	Second floor, south wall	8	SF	464	20-30	Ceramic blocks with rope packing

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-13 South addition to leach floor** Square Feet 7200 Floors: 2 Fire Ranking: Coordinates: D 8

Other Factors: N,W walls open to other building, E & S have K01, ACM piping enters from SE wall

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Cloth, diagonal weave	SW side 1st floor	0	SF	452	ND	See sample 451 for QT.
MS	Cloth, diagonal weave	SW side 1st floor	80	SF	451	ND	Cloth covering on triangular timbers.
MS	Cloth, diagonal weave	SW side 2st floor	100	SF	453	ND	Additional material on second floor.
		Material Total:	**188**				
PF	Mudded elbow	SW corner	2	EA	468	50-60	>18" Jet on fiberglass run pipe. 2 elbows.
		Material Total:	**2**				
PR	Aircell type	SE corner, first floor.	0	LF	454	50-60	Split duplicate of 450.
PR	Aircell type	SE corner 1st floor	30	LF		55-65	>18. SE corner vertical pipe
PR	Aircell type	SW corner, second floor.	16	LF		55-65	<8", Black wrapped aircell
PR	Aircell type	SE corner, first floor.	60	LF	450	60-70	See 454 duplicate sample.
PR	Exterior white/foil wrap	SE corner, second floor	90	LF	462	ND	Fiberglass type w/white foil type cover
PR	Exterior white/foil wrap	SE corner, first floor	30	LF	455	ND	Fiberglass type w/white foil type cover
PR	Exterior white/foil wrap	SE corner, first floor	0	LF	457	ND	Fiberglass type w/white foil type cover
PR	Fiberglass	SE corner, second floor	90	LF	463	ND	

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-13 South addition to leach floor** Square Feet 7200 Floors: 2 Fire Ranking: Coordinates: D 8

Other Factors: N,W walls open to other building, E & S have K01, ACM piping enters from SE wall

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Fiberglass	SE corner, first floor	30	LF	456	ND	
PR	Fiberglass	SE corner, first floor	0	LF	458	ND	
PR	Fiberglass with black reverse	SW wall, second floor	70	LF		ND	< 8". Glass with white foil jacket and black wrap
PR	Fiberglass with black wrap	South and west second floor	75	LF		ND	>18"
PR	Fiberous black wrap	West wall 40' north	6	LF		ND	8-18
PR	Mag type	Second floor	120	LF		6-13	8-18"
PR	Mag type	Second floor	120	LF		6-13	<8"
PR	Mag type	Second floor	86	LF		6-13	>18"
PR	Mag type	SE corner 1st floor	30	LF		6-13	8-18. SE corner vertical pipe
PR	Mag type	SE corner 1st floor	30	LF		6-13	<8. SE corner vertical pipe
PR	Mag type	West wall 40' north, second floor.	25	LF		6-13	8-18
PR	Mag type	Under pipe run, second and first floor	400	SF		6-13	"Mag" type debris under pipe runs.
		Material Total:	**1308**				
R	Asphalt shingles	Roof	3600	SF		ND	Over rolled roofing

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-13 South addition to leach floor** Square Feet 7200 Floors: 2 Fire Ranking: Coordinates: D 8

Other Factors: N,W walls open to other building, E & S have K01, ACM piping enters from SE wall

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Rolled roofing	Roof	3600	SF		ND	Under asphalt shingles
		Material Total:	**7200**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-14 Compressor house** Square Feet 1000 Floors: 1 Fire Ranking: Coordinates: D-10

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite shingles	Ext. walls	2000	SF	1401	25	Typical transite shingle siding.
		Material Total:	**2000**				
MS	Siding felt	Ext. walls	0		1403	ND	See #1402 for QT.
MS	Siding felt	Ext. walls	0		1404	ND	See #1402 for QT.
MS	Siding felt	Ext. walls	2000	sf	1402	ND	Under transite shingles
		Material Total:	**2000**				
R	Roll roofing	Roof	576	SF		<1	Same as Z-23 roof. Material grouped by inspector with other <1% roofing.
		Material Total:	**576**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-15 Boilerhouse** Square Feet 3000 Floors: 1 Fire Ranking: Coordinates: D-10

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	2'x4' ceiling tile	East office	0		884	ND	See #883 for QT.
AT	2'x4' ceiling tile	East office	0		885	ND	See #883 for QT.
AT	2'x4' ceiling tile	East office	600	SF	883	ND	
		Material Total:	**600**				
CA	Transite shingles	North side sheds and east shed	2000	SF			Assumed ACM, on sheds attached to main building. Note typical black vapor barrier under transite shingles
		Material Total:	**2000**				
DI	Duct block insulation	NE corner	900	SF	891	15-30	On square duct 2' above floor to 20' up
		Material Total:	**900**				
MS	Insulating pad	Electric boxes	50	SF			Pads exist in various electric boxes in bldg.
		Material Total:	**50**				
PR	Aircell pipe length insulation	South side middle	0		886	20-30	See #887 for QT & comments.
PR	Pipe lagging	North side middle	1620	LF	887	5-10	Pipe >20" OD 120LF; >8" - <20" OD 300LF; <8" OD 1300LF
PR	Pipe lagging	NE area	0		888	5-10	See #887 for QT & comments.
PR	Pipe lagging	East mazzanine	0		889	11-23	See #887 for QT & comments.
		Material Total:	**1620**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-15 Boilerhouse** Square Feet 3000 Floors: 1 Fire Ranking: Coordinates: D-10

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	North side sheds and east shed	1200	SF	893	ND	On sheds attached to Main Bldg.
		Material Total:	**1200**				
TI	Horizontal boiler tank insulation	East area	20	SF	890	20-40	On tank ends only, to 2' off floor
TI	Upper tanks (horizontal & vertical)	North side approx. 20' off floor	500	SF	892	60-90	2 tanks on north side approx. 20' off floor
		Material Total:	**520**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-16 Roaster Building (5)** Square Feet 9200 Floors: 6 to 7 Fire Ranking: Coordinates: D-11

Other Factors: Z-16 includes main building (6-7 levels) and conveyor transfer building on east side. The conveyor,which has 500LF of lagging on large pipe going inside conveyor housing, is not included with z-16. Also , 4'Diam. duct on top of conveyor not included with Z-16. Only the conveyor part of 4'duct from conveyor to Z-16 included

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	12"x12" ceiling tile	Level 3, south end, office	0	SF	866	ND	See sample # 868 for Quanty.
AT	12"x12" ceiling tile	Level 3, south end, office	600	SF	868	ND	
AT	12"x12" ceiling tile	Level 3, south end, office	0	SF	867	ND	See sample # 868 for Quanty.
		Material Total:	**600**				
CA	Corrugated transite panels	Roof of level 6-7, north end tanks	2000	SF			Assumed to be ACM. Panels are not on roof of north tanks.
CA	Flat transite panels	South end, level 5	50	SF	874	20-30	Panels on south side of 25' Diam. Tank
		Material Total:	**2050**				
DI	Black jacket on mud	Level 1, middle of west side	120	LF	849	20-30	These 4" ducts are at middle west center & NE areas & go to upper levels
DI	Duct insulation	Level 4, middle of west side	100	LF	869	5-10	West side vertical duct goes from level 1 to level 7. LF total is for all levels.
DI	Duct insulation	Level 3, middle of east side	100	LF	865	5-10	3' diam., east west vertical duct goes from level 1 to 7. LF total for all levels.
DI	Duct insulation	Level 4, NE corner	185	LF	873	20-30	This vertical duct/flue in NE corner goes from 1 to 7 (roof).
DI	Duct jacket	Level 3, middle of east side	0	LF	864	5-10	On 3' diameter duct - See sample # 865 for QT.
DI	Duct jacket	Level 4, NE corner	0	LF	872	5-10	This east west vertical duct goes from level 1 to 7. LF total is for all levels
DI	Mud, fiberglass insulation	Level 1, middle of west side	0	LF	850	20-30	4' diameter ducts. See sample # 849 for QT.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-16 Roaster Building (5)** Square Feet 9200 Floors: 6 to 7 Fire Ranking: Coordinates: D-11

Other Factors: Z-16 includes main building (6-7 levels) and conveyor transfer building on east side. The conveyor,which has 500LF of lagging on large pipe going inside conveyor housing, is not included with z-16. Also , 4'Diam. duct on top of conveyor not included with Z-16. Only the conveyor part of 4'duct from conveyor to Z-16 included

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DI	Mud, fiberglass insulation	Level 1, middle of west side	0	LF	851	ND	See sample 849 for QT. These ducts are at middle west center and NE areas and go to upper levels
		Material Total:	**505**				
G	Gasket	Level 1, center, mezzanine	6	SF			Assumed positive, similar to other gaskets seen
		Material Total:	**6**				
MS	Tank mud insulation around doors at base of	Level 1, north center, mezzanine	24	sf	855	ND	6 doors at 4SF/Door
MS	Woven cloth material	Level 4, middle of west side	10	SF	870	70-80	
MS	Woven cloth material on 2 and 5" pipe	South end, level 5, near 25' dia. tank	0		876	20-30	See #875 for QT. Same as 870 on level 4
MS	Woven cloth material on 2 and 5" pipe	South end, level 5, near 25' dia. tank	20	SF	875	70-80	Same as 870 on level 4
MS	Woven rope material	Inside conveyor transfer building	1	SF	841	50-60	2" wide material
		Material Total:	**55**				
PF	Pipe elbow mud	At vertical tank, NW area, level 1	6	LF	847	10-20	3 elbows
PF	Pipe joint mud	At vertical tank, NW area, level 1	6	LF	848	30-40	6 joints
		Material Total:	**12**				
PJ	Pipe elbow mud	Level 3, North end	30	LF	861	<1	15 elbows on 6" pipe
PJ	Pipe elbow mud	Level 3, Northeast corner	36	LF	862	23-35	6 elbows on 2' pipe

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-16 Roaster Building (5)** Square Feet 9200 Floors: 6 to 7 Fire Ranking: Coordinates: D-11

Other Factors: Z-16 includes main building (6-7 levels) and conveyor transfer building on east side. The conveyor,which has 500LF of lagging on large pipe going inside conveyor housing, is not included with z-16. Also , 4'Diam. duct on top of conveyor not included with Z-16. Only the conveyor part of 4'duct from conveyor to Z-16 included

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**66**				
PR	Pipe insulation	At vertical tank, NW area, level 1	6	LF	845	10-20	On 12" pipe.
PR	Pipe insulation	At vertical tank, NW area, level 1	30	LF	846	20-30	On 8-12" pipe.
PR	Pipe lagging	Level 3, North end	50	FL	860	20-30	On 6" pipe.
PR	Pipe lagging	North end, level 1, mezzanine	100	LF	842	15-30	On 4" pipe
PR	Pipe lagging	Level 3, NE corner	50	LF	859	40-50	On 2' dia. pipe.
PR	Pipe lagging	Level 4, middle of west side	275	LF	871	6-13	Pipes above large tank on north end, level 4, on various size pipe
PR	Pipe lagging	Inside conveyor transfer building	30	LF	840	10-20	Pipe continues north up conveyor on 18" pipe.
PR	Pipe lagging under metal jacket	Level 2, NW area	310	LF	858	11-23	For levels 2,3,4 (metal jacket is on levels 2,3,4) on 10" pipe
		Material Total:	**851**				
R	Roofing	South and north end roof, level 6	5500	SF	879	ND	SOFT includes north end roof also, center of roof is metal/
R	Roofing	South and north end roof, level 6	0		881	1-3	SOFT includes north end roof also, center of roof is metal/
		Material Total:	**5500**				
TI	Black tank jacket	Level 2, south end	8500	SF	856	5-10	On the 25' tank at the south end which goes from level 2 to level 7. SF is total for tank.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-16 Roaster Building (5)** Square Feet 9200 Floors: 6 to 7 Fire Ranking: Coordinates: D-11

Other Factors: Z-16 includes main building (6-7 levels) and conveyor transfer building on east side. The conveyor,which has 500LF of lagging on large pipe going inside conveyor housing, is not included with z-16. Also , 4'Diam. duct on top of conveyor not included with Z-16. Only the conveyor part of 4'duct from conveyor to Z-16 included

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
TI	Black tank jacket	At vertical tank, NW area, level 1	400	SF	843	5-10	
TI	Tank insulation mud	Level 3, North end, east side of tank	0		863	3-5	Same as 852, 853, 854.
TI	Tank insulation, green fiberous	Level 7, south enclosure	0		882	10-20	See #856 for QT. Similar to north tanks which go from level 1 to 4.
TI	Tank jacket, black	Level 1, north center, mezzanine	0		853	1-3	See #852 for QT. Materials cover a very large tank in north center of building which runs from level 1 to level 4
TI	Tank mud	South end, level 5	0		877	ND	See #856 for QT. Same 25' tank
TI	Tank mud insulation	Level 2, south end	0		857	10-20	See #856 for QT. Mud is on 25' tank at the south end which goes from level 2 to level 7. SF is total for tank.
TI	Tank mud insulation	Level 1, north center, mezzanine	0		854	1-3	Materials cover a very large tank in north center of building which runs from level 1 to level 4
TI	Tank mud insulation	Level 7, west side of tank on north roof	6000	SF	880	1-3	Insulation on north tanks which go from level 6 to 7 (roof)
TI	Tank mud insulation	Level 1, north center, mezzanine	5000	SF	852	ND	Materials cover a very large tank in north center of building which runs from level 1 to level 4
TI	Tank mud insulation, under jacket, over	At vertical tank, NW area, level 1	0		844	30-40	See #843 for QT.
		Material Total:	**19900**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-17 Transformer Yard** Square Feet 2275 Floors: 0 Fire Ranking: Coordinates: D-E; 4

Other Factors: No structure, just a concrete pad with some equipment on top. Roofing debris in the general area.

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
No Suspect Materials.		0			No structure
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-18 Filter Floor and Purification Tanks** Square Feet 92000 Floors: 2.5 Fire Ranking: Coordinates: D-E; 5-9

Other Factors: Substancial materials removed from south and north ends of the main floor. Upper levels very wobbly.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Corrugated transite roofing	South end	8000	SF		20-30	Southern roof portion, northwest corner outside.
CA	Shingles	North and south walls	6400	SF		10-20	East and west walls open to other floors
		Material Total:	**14400**				
D	Aircell debris	West wall	4600	SF			5'x15' of strewn aircell debris and piping along wall.
D	Aircell type	Northwest 1/4	20	SF		43-53	Aircell on floor, 40 to 60 feet south of NW1/4
		Material Total:	**4620**				
MS	Black tar paper	60 feet south of northwest 1/4	60	SF		ND	Interior wall tar paper, north wall
MS	Cloth, fuzzy boot material	Northwest 1/4, inside wood structure	0	SF	440	ND	See 439 for QT. NE corner exterior
MS	Cloth, fuzzy boot material	Northwest 1/4, inside wood structure	15	SF	438	ND	Tubes about 1'D, used to funnel dust material
MS	Cloth, fuzzy boot material	Northwest 1/4, inside wood structure	30	SF	439	ND	NE corner exterior, additional material.
MS	Cloth, loose woven with brown drag strip	140 feet south and 30 feet east of northwest 1/4	0	SF	442	ND	See 441 for QT. Cloth appears to have roller tracks on one side
MS	Cloth, loose woven with brown drag strip	140 feet south and 30 feet east of northwest 1/4	0	SF	443	ND	See 441 for QT. Cloth appears to have roller tracks on one side
MS	Cloth, loose woven with brown drag strip	140 feet south and 30 feet east of northwest 1/4	300	SF	441	ND	Cloth appears to have roller tracks on one side
MS	Cloth, white close weave	Northwest 1/4, exterior wood structure	0	SF	436	ND	See 435 for QT. Inside cloth material on wood addition NW1/4

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-18 Filter Floor and Purification Tanks** Square Feet 92000 Floors: 2.5 Fire Ranking: Coordinates: D-E; 5-9

Other Factors: Substancial materials removed from south and north ends of the main floor. Upper levels very wobbly.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Cloth, white close weave	Northwest 1/4, exterior wood structure	100	SF	435	ND	Inside cloth material on wood addition NW1/4
MS	Cloth, white close weave	Northwest 1/4, exterior wood structure	0	SF	437	ND	See 435 for QT. Inside cloth material on wood addition NW1/4
MS	Electric panel insulation		4	SF		50-60	East wall office
MS	Paper, thin brown	Along west wall, 120 feet south, second floor	1	EA	446	ND	1 Bundle of 3'x6' sheets, 3" thick. Additional material.
MS	Paper, thin brown	Along west wall, 40 feet south, second floor	5	EA	444	ND	5 Bundles of 3'x6' sheets, 3" thick.
MS	Paper, thin brown	Along west wall, 40 feet south, second floor	0	EA	445	ND	See 444 for QT. Bundles of 3'x6' sheets
MS	Tar paper, silver specs	Northwest corner, exterior wood	0	SF	424	ND	See 423 for QT. North end wooden exhaust structure, exterior
MS	Tar paper, silver specs	Northwest corner, exterior wood	0	SF	425	ND	See 423 for QT. North end wooden exhaust structure, exterior
MS	Tar paper, silver specs	North end exterior west exhaust	3840	SF	423	ND	Wooden exhaust structure
		Material Total:	**4355**				
PR	Aircell type	West wall and east and west crossovers	960	LF		43-53	<8"
PR	Black exterior wrap	Northeast 1/4, second floor over east purification tanks	0	LF	429	ND	See 426 for QT. 8-18" Fiberglass pipe with black wrap. Three layers, split layers into samples.
PR	Black exterior wrap	Northeast 1/4, second floor over east purification tanks	220	LF	426	ND	8-18" Fiberglass pipe with black wrap. Three layers, split layers into samples.
PR	Black exterior wrap	Northeast 1/4, second floor over east purification tanks	0	LF	432	ND	See 426 for QT. 8-18" Fiberglass pipe with black wrap Three layers, split layers into samples.

AT = Acoustic Tile
BI = Boiler Insulation
CA = Cement Asbestos
CP = Construction Paper
CT = Ceiling Tile
D = Debris
DI = Duct Insulation
DT = Duct Tape
DW = Dry Wall
EJ = Expansion Joing
FB = Fire Brick
FD = Fire Door
FP = Fire Proofing
FS = Flooring Sheet
FT = Flooring Tile
G = Gaskets
M = Mastic
MS = miscellaneous
MT = Mortar
PF = Pipe Fitting
PR = Pipe Run
R = Roofing
S = Surfacing
TI = Tank Insulation
ND = None Detected
NA = Not Analyzed
QT = Quantity
LF = Lineal Foot
SF = Square Foot
CF = Cubic Foot
EA = Each

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-18 Filter Floor and Purification Tanks** Square Feet 92000 Floors: 2.5 Fire Ranking: Coordinates: D-E; 5-9

Other Factors: Substancial materials removed from south and north ends of the main floor. Upper levels very wobbly.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Fiberglass	Northeast 1/4, second floor over east purification tanks	220	LF	428	ND	8-18" Fiberglass pipe with black wrap. Three layers, split layers into samples.
PR	Fiberglass	Northeast 1/4, second floor over east purification tanks	0	LF	434	ND	See 428 for QT. 8-18" Fiberglass pipe with black wrap. Three layers, split layers into samples.
PR	Fiberglass	Northeast 1/4, second floor over east purification tanks	0	LF	431	ND	See 428 for QT. 8-18" Fiberglass pipe with black wrap. Three layers, split layers into samples.
PR	Mag type	East wall	860	LF		6-13	<8"
PR	Mag type	240 feet south of north wall, east and west walls	1040	LF		6-13	8-18"
PR	White cloth	Northeast 1/4, second floor over east purification tanks	0	LF	430	ND	See 427 for QT. 8-18" Fiberglass pipe with black wrap. Three layers, split layers into samples.
PR	White cloth	Northeast 1/4, second floor over east purification tanks	220	LF	427	ND	8-18" Fiberglass pipe with black wrap. Three layers, split layers into samples.
PR	White cloth	Northeast 1/4, second floor over east purification tanks	0	LF	433	ND	See 427 for QT. 8-18" Fiberglass pipe with black wrap. Three layers, split layers into samples.
		Material Total:	**3520**				
R	Asphalt shingles	Roof	36800	SF		ND	
R	Rolled roofing	Roof	36800	SF		ND	
		Material Total:	**73600**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot.
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-19 Oil House** Square Feet 500 Floors: Fire Ranking: Coordinates: E 9

Other Factors: Partially demolished, no suspect materials except roofing

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	On remaining roof	150	sf			Assumed acm roofing
		Material Total:	**150**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-20 Tank Floor** Square Feet 25920 Floors: 1.5 Fire Ranking: Coordinates: E 5-8

Other Factors: Extensive damage to vessels in the north end. Unable to access the very north portion. Pipe runs along the south and west walls have a 5' width of scattered debris underneath.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
D	Aircell debris	NW 1/4 of S 1/2	1800	SF	422	70-80	Same as Z-21 = 5' of scattered debris under pipe runs.
		Material Total:	**1800**				
PR	Aircell type	S & Walls	838	LF		43-53	<8". Same as Z-21.
PR	Mag type	South Wall	408	LF		6-13	8-18"
		Material Total:	**1246**				
R	Asphalt shingles	Roof	4800	SF		ND	Under Shingles
R	Rolled roof	Roof	14400	SF		ND	On top of Rolled
		Material Total:	**19200**				
S	Exterior plaster	N & S Walls	5760	SF		ND	Same as melting room & dry house
		Material Total:	**5760**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-19 Oil House** Square Feet 500 Floors: Fire Ranking: Coordinates: E 9

Other Factors: Partially demolished, no suspect materials except roofing

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	On remaining roof	150	sf			Assumed acm roofing
		Material Total:	**150**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-20 Tank Floor** Square Feet 25920 Floors: 1.5 Fire Ranking: Coordinates: E 5-8

Other Factors: Extensive damage to vessels in the north end. Unable to access the very north portion. Pipe runs along the south and west walls have a 5' width of scattered debris underneath.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
D	Aircell debris	NW 1/4 of S 1/2	1800	SF	422	70-80	Same as Z-21 - 5' of scattered debris under pipe runs.
		Material Total:	**1800**				
PR	Aircell type	S & Walls	838	LF		43-53	<8". Same as Z-21.
PR	Mag type	South Wall	408	LF		6-13	8-18"
		Material Total:	**1246**				
R	Asphalt shingles	Roof	4800	SF		ND	Under Shingles
R	Rolled roof	Roof	14400	SF		ND	On top of Rolled
		Material Total:	**19200**				
S	Exterior plaster	N & S Walls	5760	SF		ND	Same as melting room & dry house
		Material Total:	**5760**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-19 Oil House** Square Feet 500 Floors: Fire Ranking: Coordinates: E 9

Other Factors: Partially demolished, no suspect materials except roofing

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	On remaining roof	150	sf			Assumed acm roofing
		Material Total:	**150**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-20 Tank Floor** Square Feet 25920 Floors: 1.5 Fire Ranking: Coordinates: E 5-8

Other Factors: Extensive damage to vessels in the north end. Unable to access the very north portion. Pipe runs along the south and west walls have a 5' width of scattered debris underneath.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
D	Aircell debris	NW 1/4 of S 1/2	1800	SF	422	70-80	Same as Z-21 = 5' of scattered debris under pipe runs.
		Material Total:	**1800**				
PR	Aircell type	S & Walls	838	LF		43-53	<8". Same as Z-21.
PR	Mag type	South Wall	408	LF		6-13	8-18"
		Material Total:	**1246**				
R	Asphalt shingles	Roof	4800	SF		ND	Under Shingles
R	Rolled roof	Roof	14400	SF		ND	On top of Rolled
		Material Total:	**19200**				
S	Exterior plaster	N & S Walls	5760	SF		ND	Same as melting room & dry house
		Material Total:	**5760**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-21 Residue Floor** Square Feet 12960 Floors: 1 Fire Ranking: Coordinates: E-F; 5-8

Other Factors: Four uninsulated tanks are on the north end. Partial roof collapse over the tanks. Wood decking in this area is soaked and appears to be decayed.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	Exterior Wall N,S,W	21960	SF		10-20	East connected to Z-70 tank floor
		Material Total:	**21960**				
D	Mag & aircell debris	Debris on catwalds & floor under PR	1350	SF		6-13	Debris = 5' wide scattered under PR east wall
		Material Total:	**1350**				
FB	Cream to red brick	SE 1/4 of N 1/2	377	SF	411	ND	Internal brick in furnace
FB	Cream to red brick	SE 1/4 of N 1/2	0		412	ND	See 411 for QT. Internal brick in furnace
FB	Cream to red brick	SE 1/4 of N 1/2	0		413	ND	See 411 for QT. Internal brick in furnace
		Material Total:	**377**				
M	White morter and pipe lining	SE 1/4 of N 1/2	377	SF	416	ND	Mortar & pipe packing material hard cementisious
M	White morter and pipe lining	SE 1/4 of N 1/2	0		414	ND	See 416 for QT. Mortar & pipe packing material hard cementisious
M	White morter and pipe lining	SE 1/4 of N 1/2	0		415	ND	See 416 for QT. Mortar & pipe packing material hard cementisious
		Material Total:	**377**				
PR	Aircell	Lines along E. wall & over tanks N Ground	260	LF	421	50-60	>8"-18"
PR	Aircell type	SE Wall	80	LF		43-53	<8". Pipe next to support beams.
PR	Brown insulation	East wall lower overhead pipe	180	LF	417	ND	See 1176 & 1177 for Analysis. Brown fiberous pipe insulation w/ black wrap

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-21 Residue Floor** Square Feet 12960 Floors: 1 Fire Ranking: Coordinates: E-F; 5-8

Other Factors: Four uninsulated tanks are on the north end. Partial roof collapse over the tanks. Wood decking in this area is soaked and appears to be decayed.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Brown insulation, black wrap jacket		0		1177	NA	See 417 for QT. Resampled 10/21/94.
PR	Brown insulation, black wrap jacket		0		1176	40-50	See 417 for QT. Resampled 10/21/94.
PR	Mag	Lines along E. wall & over tanks N Ground	440	LF	420	6-13	>8"-18"
		Material Total:	**960**				
R	Asphalt shingle, green & white.	Roof	0	SF	1180	ND	See 419 for QT. Resample 10/21/94. Typical of Z-18, 20 & 21.
R	Asphalt shingle, green & white.	Roof	21600	SF	419	ND	Green 3 tab shingles over retiled roofing
R	Asphalt shingle, green & white.	Roof	0	SF	1181	ND	See 419 for QT. Resample 10/21/94. Typical of Z-18, 20 & 21.
R	Black rolled roof (under green aggregate)	Roof	21600	SF	418	ND	Under green agregate shingles
R	Black rolled roofing	Roof	0	SF	1179	1-3	See 418 for QT. Resample 10/21/94. Typical of Z-18, 20 & 21.
R	Black rolled roofing	Roof	0	SF	1178	1-3	See 418 for QT. Resample 10/21/94. Typical of Z-18, 20 & 21.
		Material Total:	**43200**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-22 Welding and maintenence shop** Square Feet Floors: Fire Ranking: Coordinates: D, E 10

Other Factors: Building Demolished

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
	Building Demolished	0			Building Demolished
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-23 Machine Shop** Square Feet Floors: Fire Ranking: Coordinates: D - 10

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Pipe runs	Level 1	220	LF	Assume	40-50	16' above floor, same as Z-24 on shed & Z-23. Typical ACM lagging
		Material Total:	**220**				
R	Roll roofing	Shed roof	0		1395	<1	No QT estimated. Typical roll roofing on shed & Z-23.
R	Roll roofing	Shed roof	0		1397	<1	See #1395 for comment.
R	Roll roofing	Shed roof	0		1396	<1	See #1395 for comment.
		Material Total:	**0**				
S	Stucco	Exterior walls	0		1400	ND	See #1398 for comment.
S	Stucco	Exterior walls	0		1398	<1	No QT estimated. Cementitious material.
S	Stucco	Exterior walls	0		1399	<1	See #1398 for comment.
		Material Total:	**0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-24 Warehouse** Square Feet Floors: 4 Fire Ranking: Coordinates: D, E 10

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite, Corrugated	Roof	7500	SF	Assume	>1	Typical corrugated transite sheet
		Material Total:	**7500**				
FS	Sheet floor	Floor	0		1392	ND	See #1390 for QT.
FS	Sheet floor	Floor	0		1391	ND	See #1390 for QT.
FS	Sheet floor	Floor	7500	sf	1390	ND	
		Material Total:	**7500**				
P	Plaster	Interior walls	0		1387	ND	QT not estimated. Smooth finish
P	Plaster	Interior walls	0		1388	ND	See #1387 for comment.
P	Plaster	Interior walls	0		1389	ND	See #1387 for comment.
		Material Total:	**0**				
PR	Pipe runs	Floor 1	0		1394	40-50	QC of 1393
PR	Pipe runs	Basement floor	680	LF	1393	40-50	4" dia., located in floor 1, & basements 1 & 2. Typical ACM lagging found in Z-23 also.
		Material Total:	**680**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-25 Pipe shop** Square Feet 1500 Floors: 1 Fire Ranking: Coordinates: D, E 11

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DW	Sheetrock	Acetylene Room	0		1386	ND	See #1384 for quantity.
DW	Sheetrock	Acetylene Room	200	sf	1384	ND	
DW	Sheetrock	Acetylene Room	0		1385	ND	See #1384 for quantity.
		Material Total:	**200**				
R	Roll Roofing	Roof	1500	SF		<1	Typical to Z-23 roll roofing
		Material Total:	**1500**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	OT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-26 Carpenter Shop** Square Feet 6600 Floors: 1 Fire Ranking: 3 Coordinates: D, 12

Other Factors: There are many pallets of product (like zinc & mossy cadmium) stored in paper containers in this building. The building has an addition on the north side and a covered area on the east side.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	2x3 suspended tile	NE 1/4 of NW 1/4	0		284	ND	See sample 283 for QT. Northern office
AT	2x3 suspended tile	NE 1/4 of NW 1/4	0		285	ND	See sample 283 for QT. Northern office
AT	2x3 suspended tile	NE 1/4 of NW 1/4	80	SF	283	ND	Northern office
		Material Total:	**80**				
CA	Shingles	Building Exterior	13200	SF		10-20	Ext. siding
		Material Total:	**13200**				
MS	Grey paper	Between shingles and tar paper	13200	SF	281	ND	Paper under K01 shingles ND
MS	Grey paper	Between shingles and tar paper	0	SF	1187	ND	Resampled 10/21/94. See 281 for QT. Paper under K01 shingles ND
MS	Grey paper	Between shingles and tar paper	0	SF	1186	ND	Resampled 10/21/94. See 281 for QT. Paper under K01 shingles ND
MS	Tar paper under shingles	Between shingles and wood	13200	SF	282	ND	Tar paper under K01 shingles ND
MS	Tar paper under shingles	Between shingles and wood	0	SF	1189	ND	Resampled 10/21/94. See 282 for QT. Tar paper under K01 shingles ND
MS	Tar paper under shingles	Between shingles and wood	0	SF	1188	ND	Resampled 10/21/94. See 282 for QT. Tar paper under K01 shingles ND
		Material Total:	**26400**				
PR	Aircell type	North & south walls.	460	LF		30-40	Aircell covering w/ black tar paper
		Material Total:	**460**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-26 Carpenter Shop** Square Feet 6600 Floors: 1 Fire Ranking: 3 Coordinates: D, 12

Other Factors: There are many pallets of product (like zinc & mossy cadmium) stored in paper containers in this building. The building has an addition on the north side and a covered area on the east side.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Tar Paper, silver coated	Roof	6600	SF		60-80	Silver tarpaper
		Material Total:	**6600**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-27 Lead Shop** Square Feet 2475 Floors: 1 Fire Ranking: 3 Coordinates: D,12

Other Factors: 5 cell boxes filled w/ bagged ACM are stored in this bldg.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	Building Exterior	6000	SF		10-20	Large windows on E & S wall
		Material Total:	**6000**				
D	Bagged ACM waste	SE 1/4 of SE 1/4	300	CF	Assume		5 cell boxes w/ ACM wastes
D	Bagged ACM waste	SW 1/4 - SE 1/4	40	LF	Assume		7 pipes wrapped & cut
		Material Total:	**340**				
PR	aircell type	N, E & S perimeter pipes, overhead	363	LF	273	30-40	<8". White aircell covered w/ black tar paper.
		Material Total:	**363**				
R	Tar paper, silver	Building Roof	2475	SF	271	1-3	Silver colored felt on wood S of sength, Not as thick or fiberous as Z-04 ~ 50% of material on ground.
R	Tar paper, silver	Building Roof	0		272	1-3	Split duplicate of #271.
		Material Total:	**2475**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-28 Framing Shed** Square Feet 4050 Floors: 1 Fire Ranking: 9 Coordinates: D,12

Other Factors: Noted asbestos storage - No ACM apparently stored here. See Lead Shop survey. Survey includes wood & shaving storage bin north of frame shop. Small storage shed is attached to front (east side) of building.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	Building Exterior	8580	SF		10-20	Shed attached on front, Some CA on inside of E attached shed 10 sf
		Material Total:	**8580**				
D	Fiberglass black wrap	Dock on West side SW corner	4	LF		<1	See 1194-1199 for additional analysis.. 8-18".
		Material Total:	**4**				
MS	Cloth, linning bin	Inside Wood Shavings Bin	0	SF	277	ND	See sample #276
MS	Cloth, linning bin	Inside Wood Shavings Bin	1600	SF	276	ND	Woven material around doors on shavings bin. Shed attached on front, Some CA on inside of E attached shed 10 sf
MS	Cloth, linning bin	Inside Wood Shavings Bin	0	SF	278	ND	See sample #276
		Material Total:	**1600**				
PR	black tar paper wrap	Exterior Pipe	0	LF	1195	ND	See 274 for QT. Resampled separate layers, see 1194-1199.
PR	black tar paper wrap	Exterior Pipe	0	LF	1196	<1	See 274 for QT. Resampled separate layers, see 1194-1199.
PR	black tar paper wrap	Exterior Pipe	0	LF	1194	<1	See 274 for QT. Resampled separate layers, see 1194-1199.
PR	Fiberglass, black tar paper wrap	Exterior Pipe	0	LF	275	<1	See 274 for QT. Resampled separate layers, see 1194-1199.
PR	Fiberglass, black tar paper wrap	Exterior Pipe	130	LF	274	1-3	See 1194-1199 for additional analysis.. Goes from lead shop to framing then bare after Gates Bldg. 1-3 chg
PR	Underneath glass layer	Exterior Pipe	0	LF	1199	ND	See 274 for QT. Resampled separate layers, see 1194-1199.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-28 Framing Shed** Square Feet 4050 Floors: 1 Fire Ranking: 9 Coordinates: D,12

Other Factors: Noted asbestos storage - No ACM apparently stored here. See Lead Shop survey. Survey includes wood & shaving storage bin north of frame shop. Small storage shed is attached to front (east side) of building.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Underneath glass layer	Exterior Pipe	0	LF	1198	ND	See 274 for QT. Resampled separate layers, see 1194-1199.
PR	Underneath glass layer	Exterior Pipe	0	LF	1197	ND	See 274 for QT. Resampled separate layers, see 1194-1199.
		Material Total:	**130**				
R	Exterior roof	Roof	4950	SF		1-3	Same as Lead Shop
		Material Total:	**4950**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-29 Lumber Shed** Square Feet 1050 Floors: 1 Fire Ranking: 3 Coordinates: E 13

Other Factors: Misc. replacement materials stored in enclosed portion of bldg.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Flat panels	NE. Wall inside bldg.	25	SF	279	40-50	Replacement shingles (40-50 chg)
CA	Shingles	N. Wall inside bldg.	50	SF		10-20	Replacement shingles
		Material Total:	**75**				
MS	Thermal panels	NE 1/4 NE 1/4	15	SF	280	15-30	1" thick 1'x3' white panels (5-10 chg 10-20 amo)
		Material Total:	**15**				
R	Tar paper, silver colored	Exterior Roof	1050	SF		1-3	2' overhand on roof
		Material Total:	**1050**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-30 Cadmium Plant** Square Feet 19875 Floors: 3 Fire Ranking: 3 Coordinates: G,7

Other Factors: Lower portion of west wall is gone. Flooring boards are weak or missing. Upper floor has several holes and missing timbers. North addition floor is at a 30 degree angle. South arsenic shed is wood, no suspect materials. Cobalt bin, south, is wood.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	pipe, grey fiborous - crumbly	SW 1/4 exterior pipe	90	LF	286	10-20	30 lf pipe exposed rest is burles under upper concrete
CA	Shingles	Exterior and northern addition	15400	SF		10-20	CAB shingles on W,N&Esides of addition
		Material Total:	**15490**				
D	Rope gasket and aircell debris	SW 1/2 door	16	SF	287	30-40	Misc. rope gasket material mix w/ dirt
		Material Total:	**16**				
MS	Grey pipe Wrap	NW 1/2 by furnace	3	LF	407	20-30	8-18". Grey fiberous tape wrap under paint
MS	Insulation inside electric panel	NE Addition	1	SF		50-70	Electric Panel
		Material Total:	**4**				
PR	aircell	East wall	165	LF		40-50	8-18".
PR	aircell	East wall	420	LF		40-50	<8". Piping mostly in east 1/2 of bldg, extend to addition
		Material Total:	**585**				
R	Asphalt shingles	Building Roof	6973	SF		1-3	Green asphalt shingles over wood substructure
R	Tar paper	North Addition	0	SF	1183	1-3	See 410 for QT. Resampled 10/21/94.
R	Tar paper	North Addition	0	SF	1182	ND	See 410 for QT. Resampled 10/21/94.
R	Tar paper	North Addition	1200	SF	410	ND	Rolled roofing on addition. 2:1 roof pitch.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-30 Cadmium Plant** Square Feet 19875 Floors: 3 Fire Ranking: 3 Coordinates: G,7

Other Factors: Lower portion of west wall is gone. Flooring boards are weak or missing. Upper floor has several holes and missing timbers. North addition floor is at a 30 degree angle. South arsenic shed is wood, no suspect materials. Cobalt bin, south, is wood.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**8173**				
S	Ext. Building Plaster	W. Wall by lower door	5700	SF	288	ND	Hard cementisous plaster over metal lath.
S	Ext. Building Plaster	S wall by upper door	0		409	ND	See sample #288 for QT.
S	Ext. Building Plaster	S wall by upper door	0		408	ND	See sample #288 for QT.
		Material Total:	**5700**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-31 Dross Shed** Square Feet 1375 Floors: 1 Fire Ranking: Coordinates: G 4-5

Other Factors: Most of Z-31 filled w/ cell tubs - unable to access

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
EJ	Cloth, Replacement	NE 1/4 NE 1/4 N. Shed	0	SF	292	80-90	Split duplicate of #291.
EJ	Cloth, Replacement	NE 1/4 NE 1/4 N. Shed	25	SF	291	80-90	White woven cloth 80-90 chg
		Material Total:	**25**				
PR	Aircell type	E. side of bldg exterior	55	LF		30-40	<8". Exterior pipe along west wall
		Material Total:	**55**				
R	Black felt, layered	Exterior Roof	1375	SF	290	<1	Black layered tar paper <1% chg
		Material Total:	**1375**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-32 Processing Plant** Square Feet 5000 Floors: 1 Fire Ranking: Coordinates: G 4-5

Other Factors: Unable to access, area filled with cell tubes. Building is linked to Z-33. From roof can see where the roof decking is sagging inward.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	SE1/4, SE1/4	80	SF		10-20	Most of CAB wall removed. K-01 extends above roof
		Material Total:	**80**				
EJ	Debris, cloth on floor. Debris on east wall	NW1/4, NW1/4	10	SF		80-90	Same as Dross Shed
		Material Total:	**10**				
M	Grey joint caulking	NE1/4, SE1/4	2	SF	296	ND	Disassembled exhaust-caulking material, ground base ND
M	Grey joint compound	NWexterior corner	0	SF	1160	ND	See 296 for QT. Resample 10/21/94.
M	Grey joint compound	NWexterior corner	0	SF	1159	ND	See 296 for QT. Resample 10/21/94.
		Material Total:	**2**				
MS	White canvas pipe	NW1/4, NW1/4 Hanging over exterior wall	290	LF	289	ND	Canvas on leather hoz, hanging over outer door
MS	White canvas pipe	NW exterior corner	0	LF	1157	ND	See 289 for QT. Resample 10/21/94.
MS	White canvas pipe	NW exterior corner	0	LF	1158	ND	See 289 for QT. Resample 10/21/94.
		Material Total:	**290**				
PR	White insulation wrapped with paper	SW1/4, SW1/4	40	LF	297	40-50	Along west wall, south portion.
		Material Total:	**40**				
S	Black coating on corrugated steel	SE1/4, SE1/4	0	SF	295	40-50	See #293 for quantity. Possible corroded fiberlase over steel 40-50Chy

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-32 Processing Plant** Square Feet 5000 Floors: 1 Fire Ranking: Coordinates: G 4-5

Other Factors: Unable to access, area filled with cell tubes. Building is linked to Z-33. From roof can see where the roof decking is sagging inward.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
S	Black coating on corrugated steel	SE1/4, SE1/4	0	SF	294	40-50	See #293 for quantity. Possible corroded fiberlase over steel 40-50Chy
S	Black coating on corrugated steel	SE1/4, SE1/4	600	SF	293	10-20	Possible corroded fiberlase over steel.
		Material Total:	**600**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= Miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-33 Zinc Dust Building** Square Feet 800 Floors: 1 Fire Ranking: Coordinates: G 4-5

Other Factors: Building was filled with cell boxes, unable to access. Green Steel roof. Metal north wall. No suspect materials noted. Unable to access most of building.

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
No suspect materials.		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-34 Melting Room** Square Feet 20400 Floors: 1 Fire Ranking: Coordinates: G 5-7

Other Factors: Building has stairs to roof for cell room and Z-34, Z-35 & Z-36.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
BI	Grey Material between fire bricks	SE 1/4 of NW 1/4 south of open door	38	SF	310	ND	Grey fluffy material between the fire brick.
BI	Grey Material between fire bricks.	SE 1/4 of NW 1/4 south of open door	0	SF	1175	ND	Resampled 10/21/94. Grey fluffy material between the fire brick.
BI	Grey Material between fire bricks.	SE 1/4 of NW 1/4 south of open door	0	SF	1174	ND	Resampled 10/21/94. Grey fluffy material between the fire brick.
BI	Hard white insulation	SE 1/4 of NW 1/4 south of open door	0	SF	1173	ND	See sample # 309 for QT. Resampling 10/21/94. Hard block insulation in furnace w/ white fluffy around it (hard material sample) interior BI
BI	Hard white insulation	SE 1/4 of NW 1/4 south of open door	0	SF	1172	ND	See sample # 309 for QT. Resampling 10/21/94. Hard block insulation in furnace w/ white fluffy around it (hard material sample) interior BI
BI	Hard white insulation	SE 1/4 of NW 1/4 south of open door	2	SF	309	ND	Hard block insulation in furnace w/ white fluffy around it (hard material sample) interior BI
BI	White fluffy packing around hard white	SE 1/4 of NW 1/4 south of open door	2	SF	308	ND	Hard block insulation in furnace w/ white fluffy around it (fluffy sample)
BI	White material on outside of furnace, south side	NW 1/2 of NW 1/4	0	SF	300	ND	See sample #299 for QT.
BI	White material on outside of furnace, south side	NW 1/2 of NW 1/4	1100	SF	299	ND	Round vessel - both ends covered
BI	White soft material north side of furnace	NW 1/2 of NW 1/4	0	SF	301	ND	See sample #299 for QT.
		Material Total:	**1142**				
D	White fluffy material	SW 1/4 of SW 1/4	5	SF		ND	White fluffy insulation material
		Material Total:	**5**				
EJ	White cloth	SW 1/4 of NW 1/2 south of 302	20	SF		80-90	Replacement fabric - chair & wall

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-34 Melting Room** Square Feet 20400 Floors: 1 Fire Ranking: Coordinates: G 5-7

Other Factors: Building has stairs to roof for cell room and Z-34, Z-35 & Z-36.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
		Material Total:	**20**				
FB	Yellow brick south of furnace	SW 1/4 of NW 1/4	256	SF	303	ND	Aluminum furnace yellow firebrick on inside
FB	Yellow brick south of furnace	SW 1/4 of NW 1/4	0	SF	305	Not Received	See #303 for quantity. Aluminum furnace yellow firebrick on inside
FB	Yellow brick south of furnace	SW 1/4 of NW 1/4	0	SF	304	ND	See #303 for quantity.Aluminum furnace yellow firebrick on inside
		Material Total:	**256**				
G	White pipe gasket	Overhead NW 1/4 NE 1/4	20	EA	298	60-70	@ 10" Diameter. Both rubber and suspect gaskets ID. - 1/2 are suspect ACM.
G	Yellow gasket material south side brick furnace	SW 1/4 of SW 1/4	2	EA		60-70	6" Diameter. Gasket material on outside of piping same as 298
		Material Total:	**22**				
MS	White filter cones	SW 1/4 of NW 1/4 office south of 302	10	EA	307	ND	1/2" thich white fluffy cones. Possible cotton on pipes
MS	White filter cones	SW 1/4 of NW 1/4 office south of 302	0	EA	1170	ND	See sample # 307 for QT. Resampling 10/21/94. 1/2" thich white fluffy cones. Possible cotton on pipes
MS	White filter cones	SW 1/4 of NW 1/4 office south of 302	0	EA	1171	ND	See sample # 307 for QT. Resampling 10/21/94. 1/2" thich white fluffy cones. Possible cotton on pipes
		Material Total:	**10**				
MT	Morter in brick furnace	SE 1/4 of NW 1/4 south of open door	0	SF	312	ND	See sample 311. Morter between yellow fire brick furnace is in very bad condition & near collopse
MT	Morter in brick furnace	SE 1/4 of NW 1/4 south of open door	0	SF	313	ND	See sample 311. Morter between yellow fire brick furnace is in very bad condition & near collopse
MT	Morter in brick furnace	SE 1/4 of NW 1/4 south of open door	500	SF	311	ND	Morter between yellow fire brick furnace is in very bad condition & near collopse

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-34 Melting Room** Square Feet 20400 Floors: 1 Fire Ranking: Coordinates: G 5 7

Other Factors: Building has stairs to roof for cell room and Z-34, Z-35 & Z-36.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MT	Yellow brick morter	SW 1/4 of SW 1/4	1000	SF		ND	Exhaust flue for brick furnace
		Material Total:	**1500**				
PR	> 8" overhead piperun yellow fiberglass	SW 1/4 of SW 1/4	170	LF		<1	>8". Fiberglass
PR	Mag type on chicken wire over steel pipe	SW 1/4 of SW 1/4	30	LF	302	30-40	>18". 2 - 2' verticle pipe joined at top along W. wall
PR	White insulation wrapped w/ paper	NW 1/2 N Wall	40	LF		30-40	Same as Dross Plant - pipe connects
		Material Total:	**240**				
R	Green asphalt shingles	Roof Bldg. Exterior	720	SF		1-3	Green asphalt shingles
R	Tar paper silver	Roof	0	SF	1166	ND	See sample # 1167 for QT. Resampling 10/21/94. Flat portion of roof built up pipe
R	Tar paper silver	Roof	20400	SF	1167	ND	Flat portion of roof built up pipe
R	Tar paper silver	Roof	0	SF	1165	ND	See sample #1167 for QT. Resampling 10/21/94. Flat portion of roof built up pipe
		Material Total:	**21120**				
S	Hard exterior plaster	East Wall	40	SF		ND	Same as Z-35
S	Plaster over expanded metal interior	SW 1/4 of NW 1/4 Office south of 302	0	SF	1168	ND	See sample # 306 for QT. Resampling 10/21/94.
S	Plaster over expanded metal interior	SW 1/4 of NW 1/4 Office south of 302	0	SF	1169	ND	See sample # 306 for QT. Resampling 10/21/94.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-34 Melting Room** Square Feet 20400 Floors: 1 Fire Ranking: Coordinates: G 5-7

Other Factors: Building has stairs to roof for cell room and Z-34, Z-35 & Z-36.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
S	Plaster over expanded metal interior	SW 1/4 of NW 1/4 Office south of 302	8500	SF	306	ND	West wall. Hard cementisious plaster on expanded metal
S	Plaster, hard over wire	SW1/4 SW1/4	6800	SF		ND	Yellowish coating on interior west wall
		Material Total:	**15340**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-35 Stripping Room** Square Feet 10800 Floors: 1 Fire Ranking: Coordinates: G 5-7

Other Factors: Wood from saw mill stored here. Building open to Z-34 & Z-36

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Mag type	West Wall	10	lf		30-40	Pipe is wrapped in black plastic
PR	Mag type	East Wall	90	lf	317	30-40	Pipe is wrapped in black plastic
		Material Total:	**100**				
R	Tar paper, silver colored	Roof	10800	sf		ND	Same roofing as cell room. Same as Z-34 and Z-36.
		Material Total:	**10800**				
S	Hard grey plaster over chicken wire	Extent of East Wall	600	sf	314	ND	Hard to break, even with hammer
S	Hard grey plaster over chicken wire.	Old Exit, South Wall	6000	sf	321	ND	Exterior wall plaster, material is visible in Z-36
S	Plaster, interior wall west, yellow coating	NW1/4, NW1/4	19200	sf	315	ND	Coating on both wood and steel beams. Same as Z-34, west, east and south walls
S	Plaster, interior wall west, yellow coating	NW1/4, NW1/4	0		316	ND	See sample 315. Coating on both wood and steel beams. Same as Z-34; west, east and south walls
		Material Total:	**25800**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-36 Storage Room** Square Feet 14400 Floors: 1 Fire Ranking: Coordinates: G 8-9

Other Factors: Now being used as lumber mill

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles Between Windows	Exit Siding, West Wall, South	6050	sf		10-20	South Wall. Upper portion of building shingles between window frames
		Material Total:	**6050**				
FT	12x12 Floor Tile	NE1/4, NE1/4 (office)	0		320	ND	See sample 318. Light colored tile, not very well adhered to substrate concrete
FT	12x12 Floor Tile	NE1/4, NE1/4 (office)	0		319	ND	See sample 318. Light colored tile, not very well adhered to substrate concrete
FT	12x12 Floor Tile	NE1/4, NE1/4 (office)	120	sf	318	ND	Light colored tile, not very well adhered to substrate concrete
		Material Total:	**120**				
PR	Mag Type Insulation, <8"	West and South Wall	320	lf		30-40	<8". Wrapped in black plastic
		Material Total:	**320**				
R	Asphalt Shingle	East Exit Wall	720	sf		1-3	Same as Z-34, Z-35
R	Silver tar paper	Roof	14400	sf		ND	Same as Z-35, Z-34
		Material Total:	**15120**				
S	Plaster coating over wood and steel beams	Exit Siding, West Wall, South	6000	sf	322	ND	Same as Z-34, Z-35
		Material Total:	**6000**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-37 Electric shop** Square Feet 1575 Floors: 1 Fire Ranking: Coordinates: G 10

Other Factors: Building used for storage of wood shavings (sawdust). Unable to walk through interior. Unable to access office space on south side--viewed through windows.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	South 1/4	1100	sf		10-20	Cement Shingles on back addition
		Material Total:	**1100**				
PR	Aircell Type	SW 1/4	30	lf		60-80	Above rafters approx. 20' up, plus vertical pipes
		Material Total:	**30**				
R	Asphalt Shingles, Green	Roof	1575	sf		1-3	Pitched. Green aggregate shingles
		Material Total:	**1575**				
S	Exterior Plaster	N, E, and W walls	2100	sf		ND	Same as Z-34, Z-35
S	Interior Plaster	N, S, E, W	2800	sf		ND	Hard plaster on interior walls
		Material Total:	**4900**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-38 Weigh offices and yard crew** Square Feet 1710 Floors: 1 Fire Ranking: Coordinates: G 11

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	12x12 Adhered Tile	Yard Crew Offices	0		347	ND	See #345 for quantity. 3rd office south
AT	12x12 Adhered Tile	Yard Crew Offices; weigh office	0		348	ND	See #345 for quantity. 4th office south
AT	12x12 grey adhered tile	Weigh office	290	sf	345	ND	Second office south of weigh office
AT	Grey 3x5 panels	Southern Offices	216	sf	352	ND	AT on floor with rest of debris
AT	Grey 3x5 panels	Southern Offices	0		353	ND	See #352 for quantity. AT on floor with rest of debris
AT	Grey 3x5 Panels	Southern Offices	0		354	ND	See #352 for quantity. AT on floor with rest of debris
		Material Total:	**506**				
CA	Shingles	Exterior wall	2712	sf		10-20	
CA	Transite Pipe	East side of Z-38 Middle	2	lf	338	33-45	Pipe protruding from ground about 1'. Aircell inside pipe
		Material Total:	**2714**				
DW	DW With Brown Panel Adhesive	4th office south	0		351	10-20 Mastic; ND	See #349 for quantity. 3 & 4 office south
DW	DW With Brown Panel Adhesive	3rd office south	360	sf	349	ND	3 & 4 office south
DW	DW With Brown Panel Adhesive	3rd Office South	0		350	ND	See #349 for quantity. 3 & 4 office south
		Material Total:	**360**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-38 Weigh offices and yard crew** Square Feet 1710 Floors: 1 Fire Ranking: Coordinates: G 11

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FS	Tan Checkered	Yard Office	0		346	20-30	Split duplicate of 343
FS	Tan Checkered Sheet Vinyl	Yard crew offices, tan checkered	180	sf	343	30-40	3rd Office South
		Material Total:	**180**				
FT	12x12 Floor Tile, Grey	Weigh offices, second south	0		342	3-5	See #341 for quantity. Second office south
FT	12x12 Floor Tile, Grey	Weigh office, second south	0		344	3-5	See #341 for quantity. 2nd office south
FT	12x12 Floot Tile, grey	Second office south of weigh office	110	sf	341	3-5	Wall in this area removed
		Material Total:	**110**				
MS	Tarpaper	Exterior wall under K-01	2712	sf	339	ND	Black fill paper over wood and under K-01 shingles
		Material Total:	**2712**				
PR	Air Cell Debris	East side of Z-38 Middle	2	lf		60-80	Air cell on pipe leading into the ground
PR	Air cell type	South 1/2 of crew office	24	lf		60-80	Aircell wrapped in black
PR	Aircell type	Second office south of weigh office	3	lf		60-80	Mixed with fiberglass
		Material Total:	**29**				
R	Tar paper	Roof	1710	sf	340	3-5	Black paper with silver specks, 1' overhang
		Material Total:	**1710**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-38 Weigh offices and yard crew** Square Feet 1710 Floors: 1 Fire Ranking: Coordinates: G 11

Other Factors:

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-39 Dryhouse** Square Feet 8905 Floors: 1 Fire Ranking: Coordinates: G 10-11

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
M	Window Glazing	East Windows on South Wing	94	ea	373	3-5	Each 4-pane window. Grey window putty
M	Window Glazing	East Windows on South Wing	22	ea	372	3-5	Each 12-pane window. Grey window putty
M	Window Glazing	East Windows on South Wing	102	ea	371	3-5	Each 8-pane window. Grey window putty
		Material Total:	**218**				
PR	Aircell type	South and North Wall of East wing	200	lf		60-80	<8". Perimeter pipe, 2 lines
PR	Aircell type	East and West Walls of South wing	90	lf		60-70	South wing section of pipe >8". 1 Perimeter line.
PR	Aircell type	East and West Walls of South wing	210	lf	335	60-70	8-18". South wing section of pipe >8"00.1 Perimeter line.
		Material Total:	**500**				
R	Green Asphalt Shingles	Roof	0		331	<1	Split duplicate of 327. See #327 for quantity.
R	Green asphalt shingles	Roof with wall roof cave in	8905	sf	327	1-3	Green Aggregate 3 tab
		Material Total:	**8905**				
S	Hard Grey Plaster	NW1/4, NW1/4 South Side	0		329	ND	See #328 for quantity. Plaster over metal lath over wood
S	Hard Grey Plaster	Exterior Walls, SW1/4, SW1/4	7260	sf	328	ND	Plaster over metal lath over wood
S	Hard Grey Plaster	NW1/4, NW1/4	0		330	ND	See #328 for quantity. Plaster over metal lath over wood

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-39 Dryhouse** Square Feet 8905 Floors: 1 Fire Ranking: Coordinates: G 10-11

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
S	Hard Interior Plaster on Metal Lath	Mens Rest Room	0		334	ND	See #332 for quantity. Cementitious, hard plaster on metal lath
S	Hard Interior Plaster on Metal Lath	East Wall about 30 degrees north of door	0		333	ND	See #332 for quantity. Cementitious, hard plaster on metal lath
S	Hard Interior Plaster on Metal Lath	Door between East and South Wing	7260	sf	332	ND	Cementitious, hard plaster on metal lath
		Material Total:	**14520**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-40 Garage** Square Feet 5400 Floors: 1 Fire Ranking: Coordinates: G 11-12

Other Factors: Main garage has attic (20x30). We didn't access. Bare pipes leading into attic, assuming no materials.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	12x12 Adhered Acoustical Ceiling Tiles	NW1/4, NW1/4	200	sf	364	ND	Pile 5x5x3. Replacement tile stored in garage
AT	12x12 Adhered Acoustical Ceiling Tiles	NW1/4, NW1/4	0		366	ND	See #364 for quantity. Replacement tile stored in garage
AT	12x12 Adhered Acoustical Ceiling Tiles	NW1/4, NW1/4	0		365	ND	See #364 for quantity. Replacement tile stored in garage
		Material Total:	**200**				
CA	Shingles	W, N, S, of N Addition	830	sf		10-20	2 sides 24x10. On northwest addition
CA	Transite Panel	SE1/4, SW1/4	16	lf	356	30-40	Replacement Material
CA	Transite Pipe	SW1/4, SW1/4	50	lf	355	30-50	Pipe runs northwest from garage southwest corner
		Material Total:	**896**				
D	Grey paper in debris file	NW1/4	0		1190	ND	See sample 363 for quantity.
D	Grey paper in debris file	NW1/4	0		1191	ND	See sample 363 for quantity.
D	PR Aircell	NW1/4, NW1/4	15	sf	363	ND	Pile of plastic and cardboard debris
		Material Total:	**15**				
DW	Drywall scrap material	NSW1/4, SE1/4	45	sf	367	ND	Piece of gypsum found in garage
DW	Drywall scrap material	SW1/4, SE1/4	0		369	ND	See #367 for quantity. Piece of gypsum found in garage

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-40 Garage** Square Feet 5400 Floors: 1 Fire Ranking: Coordinates: G 11-12

Other Factors: Main garage has attic (20x30). We didn't access. Bare pipes leading into attic, assuming no materials.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
DW	Drywall scrap material	SW1/4, SE1/4	0		368	ND	See #367 for quantity. Piece of gypsum found in garage
		Material Total:	**45**				
EJ	White Cloth Material	SE1/4, SW1/4	50	sf	357	80-90	Woven cloth on floor of garage
EJ	White Cloth Material	SE1/4, SW1/4	0		358	NA	See #357 for quantity. Woven cloth on floor of garage
EJ	White Cloth Material	SE1/4, SW1/4	0		359	NA	See #357 for quantity. Woven cloth on floor of garage
		Material Total:	**50**				
M	Window Glazing	Exterior Windows	18	ea		3-5	Eighteen 8-pane windows. Window putty, grey onexterior windows
		Material Total:	**18**				
MS	Tarpaper	NE1/4, NE1/4	264	sf	360	ND	Paper between wood walls and studs
MS	Tarpaper	NE1/4, NE1/4	0		362	ND	See #360 for quantity. Paper between wood walls and studs
MS	Tarpaper	NE1/4, NE1/4	0		361	ND	See #360 for quantity. Paper between wood walls and studs
		Material Total:	**264**				
PR	Aircell	West Wall of Main Garage	20	lf		60-80	West wall of tall garage portion
PR	Aircell Type	NW1/4, NW1/4	30	lf		60-80	Pipe runs from dry house to garage
		Material Total:	**50**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-40 Garage** Square Feet 5400 Floors: 1 Fire Ranking: Coordinates: G 11-12

Other Factors: Main garage has attic (20x30). We didn't access. Bare pipes leading into attic, assuming no materials.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Asphalt	Roof	5400	sf		1-3	Same as dryhouse
		Material Total:	**5400**				
S	Hard Exterior Plaster	Exterior walls	3960	sf		ND	Same as dryhouse building
		Material Total:	**3960**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-41 Mercury Precipitation Bldg** Square Feet Floors: 1 Fire Ranking: 9 Coordinates: I 2

Other Factors: High mercury hazard area, unable to assess interior. Did visual assessment from exterior walk. All thermal insulation identified as fiberglass.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingle	Exterior Walls	3520	sf		10-20	Painted dark brown
		Material Total:	**3520**				
R	Tar paper	Roof	1815	sf		1-3	Black paper
		Material Total:	**1815**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-42 Cooling Tower** Square Feet 13200 Floors: 2 Fire Ranking: 1 Coordinates: I-J; 2-3

Other Factors: Wooden cooling tower. Tower corners are separating. Visible deterioration of concrete. Several 4x4's under structure are broken.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Adhesive & rubber lining in tower	NW 1/4 of NW 1/4	30600	sf	270	ND	rubber material
MS	Broken section of pipe	NE 1/4 of NW 1/4 under tower	10	lf	269	ND	Suspect decomposed plastic grey material attached to PVC pipe
MS	Pipe (decomposed)	Cooling Tower	0	lf	1153	ND	269 resample, plastic joint material
MS	Pipe (decomposed)	Cooling Tower	0		1154	ND	269 resample, plastic joint material
MS	Tower and pad liner	Cooling Tower	0		1151	ND	270 resample rubber
MS	Tower and pad liner	Cooling Tower	0		1152	ND	270 resample rubber
		Material Total:	**30610**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-43 Pumphouse** Square Feet 2200 Floors: 1 Fire Ranking: 9 Coordinates: I-J; 3

Other Factors: fiberglass piping

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
No Suspect Materials Found	No Suspected ACM at Z-43 Pumphouse	0			
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-45 MNO2 Addition** Square Feet 11700 Floors: 4 Fire Ranking: 2 Coordinates: H 4

Other Factors: Attached to Z-46 MNO2 bldg. Exterior wall pulling away from structure. Accessed ground, 1st, and 2nd floors. Unable to access upper floor--Additional storage space suspected. Large insulated tank on east side approx. 20' above ground.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles, cement asbestos board	NE 1/4 NE 1/4 Bldg. exterior	4400	sf	260	10-20	Walls deteriorating. Shingles coming off
		Material Total:	**4400**				
MS	Tar paper, under K-01 CA shingles	E. side exterior SE 1/4 of NE 1/2	4400	sf	264	ND	Black felt paper under shingles
MS	Tar paper, under K-01 CA shingles	E. side exterior SE 1/4 of NE 1/2	0	sf	1156	<1	Black felt paper under shingles. Resampled #264 on 10/21/94.
MS	Tar paper, under K-01 CA shingles	E. side exterior SE 1/4 of NE 1/2	0	sf	1155	<1	Black felt paper under shingles. Resampled #264 on 10/21/94.
		Material Total:	**4400**				
PR	Aircell type insulation black exterior wrap	SE 1/4 of SE 1/4	15	lf	265	70-80	<8". Only 1 partial line noted
		Material Total:	**15**				
R	Silver tar paper	Tank E of Z-45. North side sample	2925	SF			Like Z-46
		Material Total:	**2925**				
TI	Layed insulation hard coat, screen, soft inner	Tank E of Z-45. Elevated bottom	630	sf	262	70-80	Bottom, sides & top covered.
TI	Layed insulation hard coat, screen, soft inner	Tank E of Z-45. North side sample	1570	sf	263	40-60	Bottom, sides & top covered.
		Material Total:	**2200**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-46 Manganese Dioxide Room** Square Feet 38400 Floors: 1 Fire Ranking: 2 Coordinates: H,I -3-4

Other Factors: Extensive damage. Roof partially collapsed in southwest corner. Most of catwalks weak & collapsed. Many floorboards rotted or missing Most piping is plastic or lead. Very little insulation in bldg.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles, Bldg. Exterior	Exterior of bldg NE side	24000	sf		10-20	East facing extension beyond Z-45 addition
		Material Total:	**24000**				
D PR	Aircell debris, random scattered	SW 1/4 of NE 1/4	20	sf		70-80	No piping with aircell in this area. Could have been removed or brought in
		Material Total:	**20**				
FS	Linoleum	NW 1/4 of SE 1/4 center office	80	sf	266	20-30	Tan w/ blue green pattern
		Material Total:	**80**				
MS	Pressboard Ext.	West face of Bldg.	14400	sf		ND	Same material Z-47
MS	Tar paper under pressboard Ext.	West face of Bldg.	14400	sf		ND	14400
		Material Total:	**28800**				
R	Built up roofing	Roof	38400	sf			Same as Z-47 Cell Room
		Material Total:	**38400**				
S	Coating on steel beam 3 beam south of NW corner	NE 1/4 of NE 1/4	0		268	ND	See #261 for quantity. 60 % of coating missing
S	Coating on steel beam between 2 north tanks	Catwalk NW 1/4 of SE 1/4	0		267	ND	See #261 for quantity.50 % of coating missing
S	Coating on steel beams	NE of NW 1/4	19	ea	261	ND	Black coating on verticle beams. 2 rows of vertical beams (12 + 7)
		Material Total:	**19**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-46 Manganese Dioxide Room** Square Feet 38400 Floors: 1 Fire Ranking: 2 Coordinates: H,I -3-4

Other Factors: Extensive damage. Roof partially collapsed in southwest corner. Most of catwalks weak & collapsed. Many floorboards rotted or missing Most piping is plastic or lead. Very little insulation in bldg.

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-47 Cell Room** Square Feet 64000 Floors: 1 Fire Ranking: 1 Coordinates: H-I; 7-9

Other Factors: Most assesible piping is plastic, rubber or steel covered w/ heavy plastic barrier. Cell Room has been gutted for salvage - no way to access catwalks to inspect overhead pipe or lunch room

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
D	White fluffy mineral mixed w/ dirt & wood	NW 1/4 NE 1/4	64000	sf	254	ND	Mineral & dirt - looks like mag thats been crushed - sample to verify
D	White fluffy mineral mixed w/ dirt & wood	NW 1/4 of SW 1/4	0		256	ND	See sample 254. Mineral & dirt - looks like mag thats been crushed - sample to verify
D	White fluffy mineral mixed w/ dirt & wood	SE 1/4 of NE 1/4	0		255	ND	See sample 254. Mineral & dirt - looks like mag thats been crushed - sample to verify
		Material Total:	**64000**				
MS	Pressboard Panels	NW 1/2 80' S of NW corner	0		252	ND	See sample 251. Non ACM suspect, Painted green Paper layer on inside of panel
MS	Pressboard Panels	Bldg exterior west face	14400	sf	251	ND	Non ACM suspect, Painted green Paper layer on inside of panel
MS	Pressboard Panels	NW 1/2 100' S of NW corner	0		253	ND	See sample 251. Non ACM suspect, Painted green Paper layer on inside of panel
MS	tar paper under exterior panels	NW 1/2 bldg. exterior	0	sf	1163	ND	Under panels on exterior wall. See #259 for quantity.
MS	tar paper under exterior panels	NW 1/2 bldg. exterior	0	sf	1164	ND	Under panels on exterior wall. See #259 for quantity
MS	tar paper under exterior panels	NW 1/2 bldg. exterior	14400	sf	259	ND	Under panels on exterior wall. See #259 for quantity.
		Material Total:	**28800**				
R	Asphalt tile, green	NW 1/4 Ext of transit	2400	sf	257	ND	Over lunch room, transit sampled debris nearby
R	Buildup, silver paper	NW 1/4 Ext of transit 40' N	64000	sf	258	ND	Over main bldg. sampled debris in pile
R	Buildup, silver paper	NW 1/4 Ext of transit 40' N	0	sf	1162	<1	See #258 for quantity. (Look on additional sample sheet.)

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-47 Cell Room** Square Feet 64000 Floors: 1 Fire Ranking: 1 Coordinates: H-I; 7-9

Other Factors: Most assesible piping is plastic, rubber or steel covered w/ heavy plastic barrier. Cell Room has been gutted for salvage - no way to access catwalks to inspect overhead pipe or lunch room

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Buildup, silver paper	NW 1/4 Ext of transit 40' N	0	sf	1161	ND	See #258 for quantity.
		Material Total:	**66400**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-48 Generator Room (Z-49 has been demolished)** Square Feet 20800 Floors: 1 Fire Ranking: Coordinates: H-I; 8-9

Other Factors: Lumber storage area now; building has a full basement where remnants of electric and HVAC systems lie, no suspect ACM in basement

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	Exterior South Wall	11200.0	sf		10-20	West half of south wall
		Material Total:	**11200.0**				
FT	12x12 Floor Tile, Grey	SW1/4, SE1/4	356.0	sf	323	1-3	FT is comming up from concrete substrate.
FT	12x12 Floor Tile, Grey	SW1/4, SE1/4	0		325	NA	See #323 for quantity. Walls have been removed from this area
FT	12x12 Floor Tile, Grey	SW1/4, SE1/4	0		324	NA	See #323 for quantity. Walls have been removed from this area
		Material Total:	**356.0**				
MS	Fiberous door panel material	SE1/4, SW1/4	1.0	sf	370	50-60	Replaces sample 326
MS	Fluffy white material on inside of electric door	SW1/4, SW1/4	0.5	sf	326	60-70	Duplicate of 370. Same material as substation east of mercury building
		Material Total:	**1.5**				
R	Silver Tar Paper	Roof	20800.0	sf		ND	Same as cell room.
		Material Total:	**20800.0**				
S	Plaster, exterior, grey	South wall about 1/2	6400.0	sf		ND	E1/2 of South Wall
		Material Total:	**6400.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-50 Reservoir Building** Square Feet 1000 Floors: 1 Fire Ranking: Coordinates: J 9

Other Factors: ~ 1 foot of mud on the floor of the building. The building is located on the northwest corner of the reservoir.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Shingles	Roof	375.0	sf		10-20	North wall only.
		Material Total:	**375.0**				
MS	Black fuzzy cloth	Northeast door	40.0	sf	1200	ND	Filter fabric.
MS	Black fuzzy cloth	Northeast door	0		1202	ND	See sample 1200 for quantity. Filter fabric.
MS	Black fuzzy cloth	Northeast door	0		1201	ND	See sample 1200 for quantity. Filter fabric.
		Material Total:	**40.0**				
PR	Aircell type	North wall, Perimeter Piping	110.0	lf		40-50	<8"
		Material Total:	**110.0**				
R	Tar paper, rolled	Roof	1000.0	SF		ND	Like Generator Room Z-48.
		Material Total:	**1000.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-51 Office** Square Feet 10500 Floors: 3.5 Fire Ranking: Coordinates: H-I; 12

Other Factors: Basement perimeter piping feeds up through floors. New supplies stored in this building, such as, hot water tanks, dry wall, copper pipe, etc.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	12x12 Adhered	First Floor	2975.0	sf	385	ND	Evendrill, cellulose type
AT	12x12 Adhered	Second Floor	0		381	ND	See sample 378 for quantity and comments.
AT	12x12 Adhered	Second Floor	3175.0	sf	378	ND	Evendrill, cellulose type
		Material Total:	**6150.0**				
D	Aircell	SE Basement Room	30.0	sf		60-80	<8"
		Material Total:	**30.0**				
FS	Dark Brown Patterned Floor Tile	Second Floor, SE Room	522.0	sf	375	ND	SE Room, SW Room
FS	Dark Brown Patterned Floor Tile	Second Floor, SE Room	0	sf	1193	ND	See sample # 375 for QT. Resampling 10/21/94. SE Room, SW Room
FS	Dark Brown Patterned Floor Tile	Second Floor, SE Room	0	sf	1192	ND	See sample # 375 for QT. Resampling 10/21/94. SE Room, SW Room
FS	Medium Brown Vinyl Flooring	North Room, second floor.	2853.0	sf	377	ND	
FS	Medium Brown Vinyl Flooring	North Room, first floor.	2975.0	sf	384	ND	
FS	Medium Brown Vinyl Flooring	SW Room, Second Floor	0	SF	376	ND	See 377 & 384 for quantities.
		Material Total:	**6350.0**				
FT	12x12 Floor Tile, Brown	MRR, First Floor	91.0	sf	388	<1	Brown tile with white streaks in MRR, over green 9x9 tile

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-51 Office** Square Feet 10500 Floors: 3.5 Fire Ranking: Coordinates: H-I; 12

Other Factors: Basement perimeter piping feeds up through floors. New supplies stored in this building, such as, hot water tanks, dry wall, copper pipe, etc.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
FT	12x12 Floor Tile, Brown	MRR, First Floor	0		389	1-3	See sample 388 for quantity. Brown tile with white streaks in MRR, over green 9x9 tile
FT	12x12 Floor Tile, Brown	MRR, First Floor	0		391	NA	See #388 for quantity. Brown tile with white streaks in MRR, over green 9x9 tile
FT	9x9 Tile, Green	WRR, First Floor	0		396	NA	See #395 for quantity. Green 9x9 tile (under brown tile with white streaks in both MRR/WRR)
FT	9x9 Tile, Green	WRR, First Floor	199.0	sf	395	3-5 tile,1-3 Mastic	Green 9x9 tile (under brown tile with white streaks in both MRR/WRR)
FT	9x9 Tile, Green	WRR, First Floor	0		397	NA	See #395 for quantity. Green 9x9 tile (under brown tile with white streaks in both MRR/WRR)
		Material Total:	**290.0**				
M	Brown, Adhesive Associated with AT	First Floor	2975.0	sf	386	ND	Brown adhesive, 4 to a 12" tile. Each dot is ~ 3"x3".
M	Brown, Adhesive Associated with AT	Second Floor	0		382	ND	See #379 for quantity. Brown adhesive, 4 to a 12" tile. Each dot is ~ 3"x3".
M	Brown, Adhesive Associated with AT	Second Floor	3175.0	sf	379	ND	Brown adhesive, 4 to a 12" tile. Each dot is ~3"x3"
M	Cove Base, Brown W/Amber Mastic	MRR, First Floor	0		393	NA	See #392 for quantity. Black, brown covebase in men's room, with tile. Mastic is amber colored.
M	Cove Base, Brown W/Amber Mastic	MRR, First Floor	0		394	NA	See #392 for quantity. Black, brown covebase in men's room, with tile. Mastic is amber colored.
M	Cove Base, Brown W/Amber Mastic	MRR, First Floor	160.0	SF	392	3-5 Mastic, ND cove	40 lf x 4' high. Black, brown covebase in men's room, with tile. Mastic is amber colored.
M	Green Cove Base With Black Mastic	WRR, First Floor	168.0	SF	398	ND	42 kf x 4' high. Hard Green Cove Base With Black Mastic
M	Green Cove Base With Black Mastic	WRR, First Floor	0		400	ND	See #398 for quantity. Hard Green Cove Base With Black Mastic

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-51 Office** Square Feet 10500 Floors: 3.5 Fire Ranking: Coordinates: H-I; 12

Other Factors: Basement perimeter piping feeds up through floors. New supplies stored in this building, such as, hot water tanks, dry wall, copper pipe, etc.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
M	Green Cove Base With Black Mastic	WRR, First Floor	0		399	ND	See #398 for quantity. Hard Green Cove Base With Black Mastic
M	Window Glazing	Exterior Windows, East Wall	0		406	NA	See #404 for quantity. Exterior window glazing, white/amber
M	Window Glazing	Exterior Windows, East Wall	0		405	1-3	See #404 for quantity. Exterior window glazing, white/amber
M	Window Glazing	Exterior Windows South	59.0	EA	404	<1	2 part windows. Exterior window glazing, white/amber
		Material Total:	**6537.0**				
MS	Wiring	Basement Electrical Panel	0		402	ND	See #401 for quantity. Old Wiring in Office
MS	Wiring	Basement Electrical Panel	0		403	ND	See #401 for quantity. Old Wiring in Office
MS	Wiring	North Room	1500.0	lf	401	ND	Old Wiring in Office
		Material Total:	**1500.0**				
PR	Aircell	Center Room, Basement	53.0	lf		60-80	<8"
PR	Aircell	SW Room Basement	42.0	lf		60-80	<8"
PR	Aircell	North Room, Basement	131.0	lf		60-80	<8"
PR	Aircell	North Room Before Expansion, First Floor	20.0	lf		60-80	<8"
PR	Aircell	North Room, First Floor	40.0	lf		60-80	2@2 Vertical Lines, North Wall

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-51 Office** Square Feet 10500 Floors: 3.5 Fire Ranking: Coordinates: H-I; 12

Other Factors: Basement perimeter piping feeds up through floors. New supplies stored in this building, such as, hot water tanks, dry wall, copper pipe, etc.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Aircell with mudded fitings	SE Basement Room, Perimeter lines	114.0	lf		60-80	<8"
		Material Total:	**400.0**				
R	Asphalt Shingles, Green	Roof	3000.0	sf	374	ND	Shingles are brittle
		Material Total:	**3000.0**				
S	Interior Wall Plaster	Hall, First Floor	0		390	ND	Split duplicate of #387.
S	Interior wall plaster and ceiling	First Floor	8000.0	sf	387	ND	Plaster over metal lath
S	Interior wall plaster and ceiling	Interior Wall, Second Floor	8000.0	sf	380	ND	Plaster over metal lath
S	Interior wall plaster and ceiling	Second Floor	0		383	ND	See #380 for quantity. Plaster over metal lath
		Material Total:	**16000.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-52 Quonset huts (3), and Z-52A (shack south of** Square Feet 15000 Floors: Fire Ranking: Coordinates: E-14

Other Factors: No suspect ACM in the Z-52 quonset huts (3).

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Transite siding shingles	Z-52A Shack south of Z-52	300.0	sf			Assumed ACM shingles
		Material Total:	**300.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-52 Quonset huts (3), and Z-52A (shack south of** Square Feet 15000 Floors: Fire Ranking: Coordinates: E-14

Other Factors: No suspect ACM in the Z-52 quonset huts (3).

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	Z-52B, Shack east of quonset huts	60.0	sf			Assumed ACM roofing, typical roofing
		Material Total:	**60.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-53 Acid purification building** Square Feet Floors: Fire Ranking: Coordinates: I-0

Other Factors: No suspect ACM

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-54 Old Cottrell** Square Feet 4000 Floors: 3 Fire Ranking: Coordinates: A5

Other Factors: Floor 2 east has deteriorating canvas material.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Cloth door gasket	Ground level west end. Large duct.	8.0	lf	1408	50-60	Door on fan duct
MS	Duct door, white fluffy material	Ground level, west end. Large duct door.	6.0	SF	1409	20-30	Door on fan duct.
		Material Total:	**14.0**				
MT	Brick mortar	South wall	200.0	SF	1405	ND	
MT	Brick mortar	South wall	0		1407	ND	See #1405 for QT.
MT	Brick mortar	South wall	0		1406	ND	See #1405 for QT.
MT	Brick mortar	East and west ends	960.0	sf	1416	ND	
MT	Brick mortar	East and west ends	0		1417	ND	See #1416 for QT.
MT	Brick mortar	East and west ends	0		1418	ND	See #1416 for QT.
		Material Total:	**1160.0**				
R	Roofing roll composition	Roof, all levels	0		1414	40-50	See #1413 for QT & comment.
R	Roofing roll composition	Roof, all levels	4000.0	sf	1413	40-50	Debris surrounds structure
R	Roofing roll composition	Roof, all levels	0		1415	40-50	See #1413 for QT & comment.
		Material Total:	**4000.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-54 Old Cottrell** Square Feet 4000 Floors: 3 Fire Ranking: Coordinates: A5

Other Factors: Floor 2 east has deteriorating canvas material.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
S	Gunnite cementacious surfacel	Exterior Walls	0		1412	ND	See #1410 for QT.
S	Gunnite cementacious surfacel	Exterior Walls	10400.0	sf	1410	ND	
S	Gunnite cementacious surfacel	Exterior Walls	0		1411	ND	See #1410 for QT.

Material Total: 10400.0

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-55, Balloon Flue** Square Feet Floors: Fire Ranking: Coordinates: B - 5, 6, 7, 8

Other Factors: No suspect ACM noted

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.

Material Total: 0

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-56 Stack** Square Feet Floors: Fire Ranking: Coordinates: B - 5

Other Factors: No suspect ACM noted, all cement and steel.

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-57 Flue** Square Feet Floors: Fire Ranking: Coordinates: B-5,6,7,8

Other Factors: No suspect materials - fiberglass sheeting

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.
	Material Total:	**0**			

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-58 Fanhouse** Square Feet 700 Floors: 1 Fire Ranking: 9 Coordinates: E8

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Pipe run,fibergalss with felt wrap	Roof of building above tanks	20.0	lf	Assume		Typical to pipe run to roaster (main) Z-18
		Material Total:	**20.0**				
R	Roofing roll comp	Roof of building above tanks	1350.0	sf	1419	ND	Typical material on sheds. Debris extensive on surrounding surfaces
R	Roofing roll comp	Roof of building above tanks	0		1420	ND	See #1419 for QT and comments. Typical material on sheds.
R	Roofing roll comp	Roof of building above tanks	0		1421	ND	See #1419 for QT and comments. Typical material on sheds.
		Material Total:	**1350.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-59 Roaster building conveyor** Square Feet Floors: Fire Ranking: Coordinates: D 7-12

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Duct jacket, black, and mud fiberglass insulation	Along entire length of conveyor	500.0	lf			On 4' duct on top of conveyor housing. Black jacket and mud/fiberglass insulation similar to samples in Z-16 and samples 894 and 895 in Z-01, 04 (Acid plant)
PR	Pipe lagging	Along entire length of conveyor	500.0	LF			Lagging on 2' pipe inside conveyor housing
		Material Total:	**1000.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-60 Pretreatment Plant** Square Feet 16100 Floors: 4 Fire Ranking: Coordinates: D-C; 2-3

Other Factors: Connected to Z-07 Dryer Building

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
CA	Flat Panels	1st Floor	0		1122	20-30	Split duplicate of #1118.
CA	Flat Panels	1st Floor Office	352.0	SF	1118	20-30	S&E side, covered
CA	Shingles	Exterior of north, west and south walls	18550.0	SF		10-20	
		Material Total:	**18902.0**				
D	Aircell debris throughout floor	North half, fourth floor	4200.0	SF		43-53	
		Material Total:	**4200.0**				
MS	Black paper	South wall above tank	0		1128	ND	See #1126 for quantity. Black wrap on glass run plus elbows
MS	Black paper	South wall above tank	100.0	SF	1126	ND	Black wrap on glass run plus elbows
MS	Black paper	South wall above tank	0		1127	ND	See #1126 for quantity. Black wrap on glass run plus elbows
MS	Cloth boots	Fourth floor	240.0	LF		ND	~ 1' diameter boots. Like north end of leach floor Z-12.
MS	Fiberglass under lath	SW Corner Basement	0		1120	ND	See #1119 for quantity.
MS	Fiberglass under lath	SW Corner Basement	0		1121	ND	See #1119 for quantity.
MS	Fiberglass under lath	SW Corner Basement	36.0	SF	1119	ND	
MS	Tar paper	Under K-01	18550.0	SF			North, south and east sides covered

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-60 Pretreatment Plant** Square Feet 16100 Floors: 4 Fire Ranking: Coordinates: D-C; 2-3

Other Factors: Connected to Z-07 Dryer Building

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Tar paper, thick	Basement	0		1124	1-3	See #1123. Interior roof covering
MS	Tar paper, thick	Basement	0		1125	NA	See #1123 for quantity. Interior roof covering
MS	Tar Paper, thick	Interior Roof Structures in the Basement.	300.0	SF	1123	ND	Small structures inside basement roof covering
		Material Total:	**19226.0**				
PF	Mudded jets	South wall above tank	10.0	EA	1129	21-33	Mudded elbows on fiberglass run
PF	Mudded jets	South wall above tank	0		1130	NA	See #1129 for quantity. Mudded elbows on fiberglass run
PF	Mudded jets	South wall above tank	0		1131	NA	See #1129 for quantity. Mudded elbows on fiberglass run
		Material Total:	**10.0**				
PR	Aircell	North wall, fourth floor	80.0	LF		43-53	<8"
PR	Black wrap fiberglass	S. Wall Basement	130.0	LF		ND	
PR	Black wrapped fiber	West half of first south wall	100.0	LF		ND	See 1126, 1127, 1128 for wrap analysis.
PR	Mag	Fourth floor	240.0	LF		10-20	8-18"
PR	Mag	North side, 2nd floor	50.0	LF		10-20	Greenjacket.
		Material Total:	**600.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-60 Pretreatment Plant** Square Feet 16100 Floors: 4 Fire Ranking: Coordinates: D-C; 2-3

Other Factors: Connected to Z-07 Dryer Building

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Rolled roofing	Roof	8050.0	SF	1-3		
		Material Total:	**8050.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-61 Wet Scrubber + 2 tanks to the east** Square Feet 1000 Floors: 1 Fire Ranking: Coordinates: C 4

Other Factors: North of Cottrell (Z-09) Roof is corrugated metal, no coating. Two tanks to east are uninsulated. Small, auxillary units and exhaust flues are insulated, sampled.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
MS	Cloth, diagonal weave	Under catwalk	20.0	SF		10-20	Tile backed floor, Z-13.
MS	Cloth, tightly woven	West wall, NW1/4	45.0	SF		ND	
		Material Total:	**65.0**				
PR	Aircell	East tanks	130.0	LF		43-53	8-18"D
PR	Aircell, black wrap	SE1/4 Exterior	6.0	LF		43-53	
PR	Mag, black jacket	East tanks	300.0	LF	1135	10-20	<8
PR	Mag, black jacket	East tanks	0		1136	NA	See #1135 for quantity.
PR	Mag, black jacket	East tanks	0		1137	NA	See #1135 for quantity.
		Material Total:	**436.0**				
TI	Hard black over lath plus glass	Southeast tank	402.0	SF	1138	10-20	Material, roasters, two units per tank
TI	Hard black over lath plus glass	Southeast tank	0		1140	NA	See #1138 for quantity. Material, roasters, two units per tank
TI	Hard black over lath plus glass	Southeast tank	0		1139	NA	See #1138 for quantity. Material, roasters, two units per tank
		Material Total:	**402.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-62 Guard House** Square Feet 375 Floors: 1 Fire Ranking: Coordinates:

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
AT	12"x12" ceiling tile	Ceiling of shack	0		1426	ND	See #1425 for quantity.
AT	12"x12" ceiling tile	Ceiling of shack	0		1427	ND	See #1425 for quantity.
AT	12"x12" Ceiling Tile	Ceiling of shack	375.0	sf	1425	ND	
		Material Total:	**375.0**				
DW	Drywall/taping compound	Shack interior walls	0		1430	1-3	See #1428 for quantity.
DW	Drywall/taping compound	Shack interior walls	1000.0	sf	1428	1-3	
DW	Drywall/taping compound	Shack interior walls	0		1429	1-3	See #1428 for quantity.
		Material Total:	**1000.0**				
FT	9"x9" floor tile and mastic	East room of shack	0		1424	5-10	See #1422 for quantity.
FT	9"x9" floor tile and mastic	East room of shack	0		1423	5-10	See #1422 for quantity.
FT	9"x9" floor tile and mastic	East room of shack	150.0	sf	1422	5-10	
		Material Total:	**150.0**				
R	Roofing	Shack roof	0	sf	1432	NA	See sample # 1431 for QT. Resampling 10/21/94.
R	Roofing	Shack roof	0	sf	1433	NA	See sample # 1431 for QT. Resampling 10/21/94.

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

BUNKERHILL ASBESTOS SURVEY

CONVERSE/BISON

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-62 Guard House** Square Feet 375 Floors: 1 Fire Ranking: Coordinates:

Other Factors:

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	Shack roof	400.0	sf	1431	<1	
R	Roofing	Shack roof	0	sf	1434	3-5	See sample # 1431 for QT. Resampling 10/21/94. QA/QC sample of 1431.
		Material Total:	**400.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-63 Miscellaneous shacks** Square Feet Various Floors: Fire Ranking: Coordinates:

Other Factors: Z-63 is three wooden shacks NW of Z-52 Quonset huts; roofing assumed ACM. No other suspect materials.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
R	Roofing	NW of Z-52, against hillside	400.0	sf			Assumed ACM; typical black tar/felt roofing.
		Material Total:	**400.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **Z-64 Shack NW of Pond** Square Feet Floors: Fire Ranking: Coordinates:

Other Factors: All wood, no suspect materials

Material Description	Location	Quantity	Sample No.	% Asbestos	Comments
		0			No suspect materials noted.

Material Total: 0

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

SUMMARY OF SURVEY RESULTS

Facility: Zinc Plant

Building: **ZP-100 Exterior Piping** Square Feet Floors: Fire Ranking: Coordinates: F-G; 10-11

Other Factors: Piping not associated directly with a building. Near weigh house and electric shop.

Material	Description	Location	Quantity		Sample No.	% Asbestos	Comments
PR	Air Cell Type Pipe Insulation	East/West under electric shop stairs	5.0	SF		60-80	Debis under stairs
PR	Air Cell Type Pipe Insulation	East/West under electric shop stairs	5.0	LF		60-80	Pipe insulation under stairs.
PR	Black pipe wrap with white fibers	North of Dry house, East West Pipe	330.0	LF	336	3-5	>8". Pipe on surface of ground
PR	White, woven material covered with black tar	North/South line behing crew office	500.0	LF	337	20-30	>18". Behind crew office. North-south line, full length of facility
		Material Total:	**840.0**				

AT	= Acoustic Tile	DW	= Dry Wall	M	= Mastic	ND	= None Detected
BI	= Boiler Insulation	EJ	= Expansion Joing	MS	= miscellaneous	NA	= Not Analyzed
CA	= Cement Asbestos	FB	= Fire Brick	MT	= Mortar	QT	= Quantity
CP	= Construction Paper	FD	= Fire Door	PF	= Pipe Fitting	LF	= Lineal Foot
CT	= Ceiling Tile	FP	= Fire Proofing	PR	= Pipe Run	SF	= Square Foot
D	= Debris	FS	= Flooring Sheet	R	= Roofing	CF	= Cubic Foot
DI	= Duct Insulation	FT	= Flooring Tile	S	= Surfacing	EA	= Each
DT	= Duct Tape	G	= Gaskets	TI	= Tank Insulation		

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Cardinal®

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1	P-01	60-70	60-70						FS	Flooring sheet beige 1/4" flake pattern	P-01 Office
2	P-02	ND							FS	Flooring sheet beige Salt & Pepper Patern	P-01 Office
3	P-03	5-10	5-10						FS	Flooring Sheet Brown Stone Pattern	P-01 Office
4	P-04	ND							DW	Dry Wall w/ Joint Compound	P-01 Office
5	P-04	<1	<1						DW	Dry Wall w/ Joint Compound	P-01 Office
6	P-04	ND							DW	Dry Wall w/ Joint Compound	P-01 Office
7	P-05	ND							M	Cove Base Mastic	P-01 Office
8	P-05	ND							M	Cove Base Mastic	P-01 Office
9	P-05	ND							M	Cove Base Mastic	P-01 Office
10	P-06	ND							AT	Acoustic Ceiling Tile	P-01 Office
11	P-07	ND							VP	Vapor Barrier	P-01 Office
12	P-08	ND							R	Roof Core	P-01 Office
13	P-09	30-40	30-40						FS	Linoleum - gold	P-10 Dry Room
14	P-10	ND							FS	Linoleum - cream	P-10 Dry Room
15	P-11	1-3	1-3						R	Roof tar	P-10 Dry Room
16	PH-12	ND							D	Residue/Debris	P-02 Ammo. Phosphate Manufacturing Bldg.
17	PH-13	50-60	50-60						EJ	Expansion Joint	P-02 Ammo. Phosphate Manufacturing Bldg.
18	PH-13	40-50	40-50						EJ	Expansion Joint	P-02 Ammo. Phosphate Manufacturing Bldg.
19	PH-14	70-80	70-80						MS	Rope Material	P-02 Ammo. Phosphate Manufacturing Bldg.
20	PH-15	ND							FT M	12" vlyl floor tile w/ black mastic	P-02 Ammo. Phosphate Manufacturing Bldg.
21	PH-16	ND							AT	2'x4' ceiling tile	P-02 Ammo. Phosphate Manufacturing Bldg.
22	K-02	70-80	70-80						CA	Corrugated transite panels	P-02 Ammo. Phosphate Manufacturing Bldg.
23	PH-17	ND							FD	Fire Door Filler	P-02 Ammo. Phosphate Manufacturing Bldg.
24	K-01	70-90	30-40	40-50					CA	Transite Shingles	P-03 Acid Plant

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
25	PH-18	ND							VP	Vapor Barrier (black felt)	P-03 Acid Plant
26	PH-19	ND							TI	Tank insulation over chicken wire	P-03 Acid Plant
27	PH-20	5-10	5-10						PR	Lagging on pipe run (orange jacket)	P-03 Acid Plant
28	PH-21	ND							D	Residue/Debris	P-03 Acid Plant
29	PH-22	ND							PJ	Black jacket over fiberglass ins. on pipe run	P-03 Acid Plant
30	PH-23	ND							DI	Mudded insulation over chicken wire & added over fiberglass insulation on exhaust flue	P-03 Acid Plant
31	PH-23	1-3	1-3						PF	Insulation over fiberglass on pipe elbow	P-03 Acid Plant
32	PH-23	30-40		30-40					PH	Mudded insulation on fiberglass on pipe elbow	P-03 Acid Plant
33	PH-23	60-70			60-70				PH	Mudded insulation on fiberglass on pipe elbow	P-03 Acid Plant
34	PH-23	5-10	5-10						PF	Mudded insulation over fiberglass on pipe elbow	P-03 Acid Plant
35	PH-20	10-20		10-20					PF	Mudded insulation over fiberglass on pipe elbow	P-03 Acid Plant
36	PH-24	ND							FT M	12" Vinyl Floor Tile w black mastic	P-03 Acid Plant
37	PH-19	1-3		1-3					TI	Mudded tank insulation over fiberglass	P-03 Acid Plant
38	PH-25	1-3	1-3						R	Roof Core	P-03 Acid Plant
39	PH-26	ND							R	Roof Core	P-03 Acid Plant
40	PH-27	ND							MT	Mortar	P-04, Process Tanks (2), Ground Floor of Acid Plant
41	PH-28	ND							FB	Fire Brick	P-04, Process Tanks (2), Ground Floor of Acid Plant
42	PH-21	ND							D	Residue/debris on outside of E. tank	P-04, Process Tanks (2), Ground Floor of Acid Plant
43	PH-29	1-3	1-3						R	Black tar on fiberglass liner	P-05 Phosphate Rock Silo
44	PH-30	60-70	60-70						R	Roof Core	P-05 Phosphate Rock Silo
44	PH-30	60-70	60-70						CP	Asbestos paper sheeting beneath corrugated steel siding	S-35 Carpenter Shop
45	PH-31	1-3	1-3						R	Roof	P-17 Storage & Shipping
46	PH-32	1-3	1-3						TI	Black jacket over fiberglass on tank	P-08 Phosphoric Acid Tank
47	PH-22	ND							PJ	Black jacket over fiberglass on pipe runs	P-08 Phosphoric Acid Tank

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
48	PH-32	5-10	5-10						TI	Black jacket over fiberglass on tank	P-08 Phosphoric Acid Tank
49	PH-32	20-30	20-30						TI	Black jacket over fiberglass on tank	P-08 Phosphoric Acid Tank
50	PH-38	ND							PR	Pipe lagging insulation (white) on 8" pipe	P-16 Acid Loading Rack
51	PH-38	ND							PR	Pipe lagging insulation (white) on 8" pipe	P-16 Acid Loading Rack
52	PH-38	ND							PR	Pipe lagging insulation (white) on 8" pipe	P-16 Acid Loading Rack
53	PH-39	ND							TI	White jacket over yellow foam tank insulation	P-16 Acid Loading Rack
54	PH-39	ND							TI	White jacket over yellow foam tank insulation	P-16 Acid Loading Rack
55	PH-39	ND							TI	White jacket over yellow foam tank insulation	P-16 Acid Loading Rack
56	PH-40	5-10	5-10						R	Roof	P-16 Acid Loading Rack
57	PH-22	ND							PJ	Black jacket on pipe run	P-16 Acid Loading Rack
58	PH-41	10-20	10-20						PF	Silver jacket & black tar	P-16 Acid Loading Rack
59	PH-42	70-80	70-80						MS	Rope material	P-16 Acid Loading Rack
60	PH-41	10-20	10-20						PF	Silver jacket & black tar	P-13 Truck Acid Loading Rack
61	PH-42	80-90	80-90						MS	Rope material	P-13 Truck Acid Loading Rack
62	PH-41	10-20	10-20						PF	Silver jacket & black tar	P-14 Railcar Acid Loading Rack
63	PH-42	70-80	70-80						MS	Rope material	P-14 Railcar Acid Loading Rack
64	PH-43	ND							R	Roofing Debris	P-12 Phosphate Rock Unloading Bldg.
65	PH-43	ND							R	Roofing Debris	P-12 Phosphate Rock Unloading Bldg.
66	PH-43	ND							R	Roofing Debris	P-12 Phosphate Rock Unloading Bldg.
67	PH-44	<1	<1						R	Roofing	P-12 Phosphate Rock Unloading Bldg.
68	PH-45	40-50	40-50						R	Roofing	P-19 Pump House west of P-06 tanks
69	PH-33	ND							FS	Linoleum (cream)	P-18 Lunch Room
70	PH-34	ND							DW	Dry wall w/ joint compound	P-18 Lunch Room
71	PH-35	ND							R	Roof core	P-18 Lunch Room

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
72	PH-07	ND							VP	Vapor barrier	P-18 Lunch Room
73	PH-36	1-3	1-3						M	Mastic (brown)	P-18 Lunch Room
74	PH-37	ND							M	Mastic (cream)	P-18 Lunch Room
75	K	30-40	30-40						CA	Cement siding, shingles	S-74, Emergency Pumping Bldg
76	SH-21	<1	<1						VP	Vapor Barrier (tar/felt)	S-74, Emergency Pumping Bldg
77	SH-22	ND							R	Roofing	S-74, Emergency Pumping Bldg
78	SH-23	40-50	40-50						PJ	Black Jacket	S-73, Plant and Fire Reservoir
79	K	20-30	20-30						CA	Transite Board	S-73, Plant and Fire Reservoir
80	SH-234	5-10	5-10						R	Roofing	S-73, Plant and Fire Reservoir
81	SH-25	20-30	20-30						G	Gasket	S-73, Plant and Fire Reservoir
82	SH-26	ND							PJ	Black and white pipe wrap	S-69 New and Old Stacks
83	SH-27	30-40	30-40						PJ	Red and black pipe jacket	S-69 New and Old Stacks
84	SH-28	30-40		30-40					PR	Pipe Lagging	S-69 New and Old Stacks
85	SH-29	10-20	10-20						TI	Mudded Tank Insulation (on chicken wire).	S-69 New and Old Stacks
86	SH-30	70-80	70-80						PJ	Cloth Pipe Wrap	S-69 New and Old Stacks
87	SH-31	11-23		10-20	1-3				PR	Pipe Lagging; Black Jacket and white insulation	S-66, Filter Cleaning Shed
88	SH-32	60-70	60-70						MS	Insulation layer on electrical equipment	S-66, Filter Cleaning Shed
89	SH-33	3-5	3-5						R	Roof Tar	S-66, Filter Cleaning Shed
90	SH-34	ND							R	Roof	S-61 Cottrell Fan Room
91	SH-36	ND							VP	Vapor Barrier (Black Felt)	S-61 Cottrell Fan Room
92	SH-36	ND							VP	Vapor Barrier (Black Felt)	S-61 Cottrell Fan Room
93	SH-36	ND							VP	Vapor Barrier (Black Felt)	S-61 Cottrell Fan Room
94	SH-36	50-60 (Felt ND)	50-60						PR	Aircell Pipe, Insulation (with black jacket)	S-61 Cottrell Fan Room
95	SH-37	13-25	10-20	3-5					TI	Tank Insulation	S-61 Cottrell Fan Room

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
96	SH-31	21-33	20-30	1-3					PR	White Pipe Lagging (black jacket)	S-61 Cottrell Fan Room
97	SH-38	10-20	10-20						PI	Duct Jacket (gray)	S-61 Cottrell Fan Room
98	SH-39	1-3	1-3						M	Mastic (on bldg ext. wall near metal door).	S-61 Cottrell Fan Room
99	SH-39	1-3	1-3						M	Mastic (on bldg ext. wall near metal door).	S-61 Cottrell Fan Room
100	SH-39	1-3	1-3						M	Mastic (on bldg ext. wall near metal door).	S-61 Cottrell Fan Room
101	SH-40	ND							S	Spray Applied Cementation	S-64, Bureau of Mines Building
102	SH-40	ND							S	Spray Applied Cementation	S-64, Bureau of Mines Building
103	SH-40	ND							S	Spray Applied Cementation	S-64, Bureau of Mines Building
104	SH-41	<1	<1						R	Roofing	S-64, Bureau of Mines Building
105	SH-42	ND							FB	Fire brick liner	S-17B, Acid Plant
106	SH-42	ND							FB	Fire brick liner	S-17B, Acid Plant
107	SH-42	<1	<1						FB	Fire brick liner	S-17B, Acid Plant
108	SH-43	5-10	5-10						TI,DI	Black tank/duct jacket	S-17B, Acid Plant
109	SH-43	5-10	5-10						TI,DI	Black tank/duct jacket	S-17B, Acid Plant
110	SH-43	5-10	5-10						TI,DI	Black tank/duct jacket	S-17B, Acid Plant
111	SH-44	ND							TI/DI	Tank mudded insulation under black jacket, tin panels, & fiberglass	S-17B, Acid Plant
112	SH-44	ND							TI/DI	Tank mudded insulation under black jacket, tin panels, & fiberglass	S-17B, Acid Plant
113	SH-44	ND							TI/DI	Tank mudded insulation under black jacket, tin panels, & fiberglass	S-17B, Acid Plant
114	SH-45	5-10	5-10						R	Roof tar	S-17B, Acid Plant
115	SH-45	5-10	5-10						R	Roof tar	S-17B, Acid Plant
116	SH-45	5-10	5-10						R	Roof tar	S-17B, Acid Plant
117	SH-25	80-90							G	Gasket	S-17B, Acid Plant
118	SH-46	1-3	1-3						PF	Mudded pipe elbow insulation	S-17B, Acid Plant
119	SH-46	1-3	1-3						PF	Mudded pipe elbow insulation	S-17B, Acid Plant

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
120	SH-46	1-3	1-3						PF	Mudded pipe elbow insulation	S-17B, Acid Plant
121	SH-47	3-5	3-5						R	Black roof tar	S-52 Oil House
122	SH-31	21-33	1-3	20-30					PR	Black jacket on white pipe lagging	S-52 Oil House
123	SH-21	ND							VP	Vapor barrier (black felt) under particle board	S-51 Electronic repair shop
124	SH-21	ND							VP	Vapor barrier (black felt) under particle board	S-51 Electronic repair shop
125	SH-21	ND							VP	Vapor barrier (black felt) under particle board	S-51 Electronic repair shop
126	SH-48	1-3	1-3						DW	Dry wall, taping, joint compound	S-51 Electronic repair shop
127	SH-48	1-3	1-3						DW	Dry wall, taping, joint compound	S-51 Electronic repair shop
128	SH-48	1-3	1-3						DW	Dry wall, taping, joint compound	S-51 Electronic repair shop
129	SH-22	<1	<1						R	Roofing	S-51 Electronic repair shop
130	SH-21	ND							VP	Vapor barrier	S-51 Electronic repair shop
131	SH22	<1	<1						R	Roofing	S-68, Thawing Shed
132	SH-23	20-30	20-30						PJ	Black/gray jacket material over fiberglass on piping	S-67, Pressure Leaching Plant
133		<1	<1						PJ	Blade jacket over fiberglass on piping	S-67, Pressure Leaching Plant
134	K-03	20-30	20-30						CA	Transite debris	S-67, Pressure Leaching Plant
135	SH-31	<1		<1					PF	Mudded pipe elbow insulation	S-67, Pressure Leaching Plant
136	SH-22; SH-24	ND							R	Roofing	MC-33 Tank
137		80-90	80-90						MS	Insulation Pad	MC-31 Tank
138		ND							R	Roofing; silver paint on black tar/felt	S-07 Brick Shed
139		ND							AT	12" ceiling tile	S-07 Brick Shed
140		ND							AT	12" ceiling tile	S-07 Brick Shed
141		ND							AT	12" ceiling tile	S-07 Brick Shed
142		70-80	70-80						MS	Insulation Sheet	S-07 Brick Shed
143		30-40	30-40						PR	Pipe Lagging	S-07 Brick Shed

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
144		ND							MS	Loose piece of black insulation	S-07 Brick Shed
145		ND							MS	Loose piece of black insulation	S-07 Brick Shed
146		ND							MS	Loose piece of black insulation	S-07 Brick Shed
147		ND							FB	Fire Bricks	S-07 Brick Shed
148		ND							FB	Fire Bricks	S-07 Brick Shed
149		ND							FB	Fire Bricks	S-07 Brick Shed
150		ND							R	Roofing	MC-30 Tank (Settling)(2)
151		60-80	60-70						PR	Aircell pipe insulation	MC-30 Tank (Settling)(2)
152		5-10	5-10						S	Tank Body insulation residue	MC-30 Tank (Settling)(2)
153		NA							S	Tank Body insulation residue	MC-30 Tank (Settling)(2)
154		NA							S	Tank Body insulation residue	MC-30 Tank (Settling)(2)
155		ND							PJ	Black pipe jacket	MC-30 Tank (Settling)(2)
156		ND							VP	Vapor Barrier (Black Felt)	S-06 Acid Tank Building
157		3-5	3-5						R	Roofing (Black) Tar/Felt	S-06 Acid Tank Building
158		60-70	60-70						G	Gasket	S-05 Storage Building
159		ND							AT	12" Accoustic Ceiling Tile	S-05 Storage Building
160		ND							AT	12" Accoustic Ceiling Tile	S-05 Storage Building
161		ND							AT	12" Accoustic Ceiling Tile	S-05 Storage Building
162		ND							FT/M	12" Brown Floor Tile w/ mastic	S-05 Storage Building
163		ND							FT/M	12" Brown Floor Tile w/ mastic	S-05 Storage Building
164		ND							FT/M	12" Brown Floor Tile w/ mastic	S-05 Storage Building
165		ND							M	Cove Base Mastic	S-05 Storage Building
166		ND							M	Cove Base Mastic	S-05 Storage Building
167		ND							M	Cove Base Mastic	S-05 Storage Building

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
168		ND							MS	Rope Material	S-05 Storage Building
169		20-30	20-30						CA	Transite Debris	S-05 Storage Building
170		10-20	10-20						PR	Pipe Jacket (Black) and lagging (white)	S-05 Storage Building
171		40-50	40-50						MS	Grey Jacket Debris	S-05 Storage Building
172		ND							R	Roofing	S-05 Storage Building
173		50-60	50-60						PR	Aircell pipe insulation	S-32, Cadmium Plant
174		20-30		20-30					PR	Pipe lagging (white mud)	S-32, Cadmium Plant
175		50-60	50-60						MS	Insulation pad	S-32, Cadmium Plant
176		ND							ME	woven blanket	S-32, Cadmium Plant
177		ND							ME	woven blanket	S-32, Cadmium Plant
178		ND							ME	woven blanket	S-32, Cadmium Plant
179		3-5		3-5					PR	Pipe lagging	S-32, Cadmium Plant
180		20-30	20-30						CA	Corregated transite panel	S-32, Cadmium Plant
181		30-40	20-30	10-20					PR	Pipe lagging	S-32, Cadmium Plant
182		10-20		10-20					PR	Pipe jacket (black) and lagging	S-32, Cadmium Plant
183		1-3	1-3						R	Roofing, silver paint on black tar/felt	S-32, Cadmium Plant
184		ND							R	Composite shingle roofing	S-32, Cadmium Plant
185		1-3	1-3						R	Roofing; black tar/felt	S-32, Cadmium Plant
186		<1	<1						M	Mastic	S-85, Old Brick Flue
187		40-60	30-40	10-20					PR	Black jacket on large pipe	S-85, Old Brick Flue
188		50-60		50-60					PF	Pipe elbow mud	S-31, Compressor House
189		5-10	5-10						PF	Pipe hanger mud	S-31, Compressor House
190		60-70	60-70						MS	Gasket	S-31, Compressor House
191		30-40	30-40						CA	Flat transite panels	S-31, Compressor House

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
192		<1	<1						R	Roofing	S-31, Compressor House
193		ND							PR	Pipe Lagging	S-82, Blower House Storage
194		ND							VP	Vapor Barrier (black felt)	S-82, Blower House Storage
195		ND							R	Roofing	S-82, Blower House Storage
196		ND							MS	Tar coating on corrugated metal panels	S-31, Compressor House
197		ND							VP	Vapor barrier	S-30, Blower House
198		ND							MS	Silver paint and tar coating	S-30, Blower House
199		30-40	30-40						CA	Transite insulation board	S-30, Blower House
200		NA							CA	Transite insulation board	S-30, Blower House
201		NA							CA	Transite insulation board	S-30, Blower House
202		ND							S	Plaster wall material (on brick)	S-30, Blower House
203		ND							S	Plaster wall material (on brick)	S-30, Blower House
204		ND							S	Plaster wall material (on brick)	S-30, Blower House
205		10-20	10-20						MS	Black rope gasket	S-30, Blower House
206		50-60	50-60						MS	Tar and black gasket	S-30, Blower House
207		NA							MS	Tar and black gasket	S-30, Blower House
208		NA							MS	Tar and black gasket	S-30, Blower House
209		ND							R	Roofing	S-30, Blower House
210		40-60	10-20	30-40					PR	Pipe lagging	S-30, Blower House
211		ND							R	Roofing	S-27, Machine Shop and Offices
212		<1	<1						PJ	Pipe jacket (black) over fiberglass	S-27, Machine Shop and Offices
213		5-10	5-10						PF	Pipe elbow insulation (mudded)	S-27, Machine Shop and Offices
214		20-30	20-30						PR	Aircell pipe, lagging insulation	S-27, Machine Shop and Offices
215		10-20	10-20						PR	Pipe lagging	S-27, Machine Shop and Offices

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
216		35-50	5-10	30-40					PR	Pipe lagging	S-27, Machine Shop and Offices
217		30-50	20-30	10-20					PF	Pipe hanger mud	S-27, Machine Shop and Offices
218		20-30	20-30						PF	Mudded pipe elbowinsulation	S-27, Machine Shop and Offices
219		3-5	3-5						FT/M	9" floor tile with black mastic	S-27, Machine Shop and Offices
220		3-5	3-5						FT/M	9" floor tile with black mastic	S-27, Machine Shop and Offices
221		3-5	3-5						FT/M	9" floor tile with black mastic	S-27, Machine Shop and Offices
222		1-3	1-3						FT/M	12" floor tile with gold mastic	S-27, Machine Shop and Offices
223		1-3	1-3						FT/M	12" floor tile with gold mastic	S-27, Machine Shop and Offices
224		1-3	1-3						FT/M	12" floor tile with gold mastic	S-27, Machine Shop and Offices
225		3-5	3-5						FT	12" tile	S-27, Machine Shop and Offices
226		3-5	3-5						FT	12" tile	S-27, Machine Shop and Offices
227		3-5	3-5						FT	12" tile	S-27, Machine Shop and Offices
228		70-80	70-80						PR	Pipe lagging	S-26, Coal Bin and adjacent conveyer
229		70-80	70-80						MS	3" x 6" brake shoe	S-24, Electric Shop
230		30-40	30-40						MS	6" x 12' brake shoe	S-24, Electric Shop
231		50-60	50-60						FS	Red linoleum	S-24, Electric Shop
232		50-60	50-60						FS	Red linoleum	S-24, Electric Shop
233		50-60	50-60						FS	Red linoleum	S-24, Electric Shop
234		50-60	50-60						FS	Red and black linoleum	S-24, Electric Shop
235		50-60	50-60						FS	Red and black linoleum	S-24, Electric Shop
236		50-60	50-60						FS	Red and black linoleum	S-24, Electric Shop
237		1-3	1-3						FT/M	12" floor tile with mastic	S-24, Electric Shop
238		1-3	1-3						FT/M	12" floor tile with mastic	S-24, Electric Shop
239		1-3	1-3						FT/M	12" floor tile with mastic	S-24, Electric Shop

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
240		3-5	3-5						DW	Drywall joint compound	S-24, Electric Shop
241		3-5	3-5						DW	Drywall joint compound	S-24, Electric Shop
242		3-5	3-5						DW	Drywall joint compound	S-24, Electric Shop
243		1-3	1-3						R	Roofing	S-28, Water Softener Plant
244		ND							MS	Paint/tar coating	S-28, Water Softener Plant
245		ND							AT	1' x 2' ceiling tile	S-16, Electric Housse
246		ND							AT	1' x 2' ceiling tile	S-16, Electric Housse
247		ND							AT	1' x 2' ceiling tile	S-16, Electric Housse
248		ND							DW	Drywall (1/4")	S-16, Electric Housse
249		3-5	3-5						R	Roofing	S-16, Electric Housse
250		10-20	10-20						MS	Insulation blocks (cementitious)	S-16, Electric Housse
251	MS-201	ND							MS	Pressboard Panels	Z-47 Cell Room
252	MS-201	ND							MS	Pressboard Panels	Z-47 Cell Room
253	MS-201	ND							MS	Pressboard Panels	Z-47 Cell Room
254	ZP-002	ND							D	White fluffy mineral mixed w/ dirt & wood	Z-47 Cell Room
255	ZP-002	ND							D	White fluffy mineral mixed w/ dirt & wood	Z-47 Cell Room
256	ZP-002	ND							D	White fluffy mineral mixed w/ dirt & wood	Z-47 Cell Room
257	ZP-003	ND							R	Asphalt tile, green	Z-47 Cell Room
258	ZP-004	ND							R	Buildup, silver paper	Z-47 Cell Room
259	ZP-005	ND							MS	tar paper under exterior panels	Z-47 Cell Room
260	K-01	10-20	10-20						CA	Shingles, cement asbestos board	Z-45 MNO2 Addition
261	ZP-006	ND							S	Coating on steel beams	Z-46 Manganese Dioxide Room
262	ZP-007	70-80		70-80					TI	Layed insulation hard coat, screen, soft inner layer	Z-45 MNO2 Addition
263	ZP-007	40-60	20-30	20-30					TI	Layed insulation hard coat, screen, soft inner layer	Z-45 MNO2 Addition

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
264	ZP-005	ND							MS	Tar paper, under K-01 CA shingles	Z-45 MNO2 Addition
265	ZP-008	70-80	70-80						PR	Aircell type insulation black exterior wrap	Z-45 MNO2 Addition
266		20-30	20-30						FS	Linoleum	Z-46 Manganese Dioxide Room
267	ZP-006	ND							S	Coating on steel beam between 2 north tanks	Z-46 Manganese Dioxide Room
268	ZP-006	ND							S	Coating on steel beam 3 beam south of NW corner	Z-46 Manganese Dioxide Room
269		ND							MS	Broken section of pipe	Z-42 Cooling Tower
270		ND							MS	Adhesive & rubber lining in tower	Z-42 Cooling Tower
271	ZP-009	1-3	1-3						R	Tar paper, silver	Z-27 Lead Shop
272	ZP-009	1-3	1-3						R	Tar paper, silver	Z-27 Lead Shop
273	ZP-010	30-40	30-40						PR	aircell type	Z-27 Lead Shop
274	ZP-011	1-3	1-3						PR	Fiberglass, black tar paper wrap	Z-28 Framing Shed
275	ZP-011	<1	<1						PR	Fiberglass, black tar paper wrap	Z-28 Framing Shed
276	ZP-012	ND							MS	Cloth, linning bin	Z-28 Framing Shed
277	ZP-012	ND							MS	Cloth, linning bin	Z-28 Framing Shed
278	ZP-012	ND							MS	Cloth, linning bin	Z-28 Framing Shed
279	K-03	40-50	40-50						CA	Flat panels	Z-29 Lumber Shed
280	ZP-012.5	15-30	5-10	10-20					MS	Thermal panels	Z-29 Lumber Shed
281	ZP-013	ND							MS	Grey paper	Z-26 Carpenter Shop
282	ZP-005	ND							MS	Tar paper under shingles	Z-26 Carpenter Shop
283	ZP-014	ND							AT	2x3 suspended tile	Z-26 Carpenter Shop
284	ZP-014	ND							AT	2x3 suspended tile	Z-26 Carpenter Shop
285	ZP-014	ND							AT	2x3 suspended tile	Z-26 Carpenter Shop
286	K-04	10-20	10-20						CA	pipe, grey fiborous - crumbly	Z-30 Cadmium Plant
287		30-40	30-40						D	Rope gasket and aircell debris	Z-30 Cadmium Plant

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
288	ZP-015	ND							S	Ext. Building Plaster	Z-30 Cadmium Plant
289	NA	ND							MS	White canvas pipe	Z-32 Processing Plant
290	ZP-016	<1	<1						R	Black felt, layered	Z-31 Dross Shed
291	ZP-017	80-90	80-90						EJ	Cloth, Replacement	Z-31 Dross Shed
292	ZP-017	80-90	80-90						EJ	Cloth, Replacement	Z-31 Dross Shed
293	ZP-018	10-20	10-20						S	Black coating on corrugated steel	Z-32 Processing Plant
294	ZP-018	40-50	40-50						S	Black coating on corrugated steel	Z-32 Processing Plant
295	ZP-018	40-50	40-50						S	Black coating on corrugated steel	Z-32 Processing Plant
296	ZP-019	ND							M	Grey joint caulking	Z-32 Processing Plant
297	ZP-020	40-50	40-50						PR	White insulation wrapped with paper	Z-32 Processing Plant
298	ZP-029	60-70	60-70						G	White pipe gasket	Z-34 Melting Room
299	ZP-021	ND							BI	White material on outside of furnace, south side	Z-34 Melting Room
300	ZP-021	ND							BI	White material on outside of furnace, south side	Z-34 Melting Room
301	ZP-021	ND							BI	White soft material north side of furnace	Z-34 Melting Room
302	ZP-022	30-40	30-40						PR	Mag type on chicken wire over steel pipe	Z-34 Melting Room
303	ZP-023	ND							FB	Yellow brick south of furnace	Z-34 Melting Room
304	ZP-023	ND							FB	Yellow brick south of furnace	Z-34 Melting Room
305	ZP-023	Not Received							FB	Yellow brick south of furnace	Z-34 Melting Room
306	ZP-023	ND							S	Plaster over expanded metal interior	Z-34 Melting Room
307		ND							MS	White filter cones	Z-34 Melting Room
308	ZP-024	ND							BI	White fluffy packing around hard white material	Z-34 Melting Room
309	ZP-025	ND							BI	Hard white insulation	Z-34 Melting Room
310	ZP-026	ND							BI	Grey Material between fire bricks	Z-34 Melting Room
311	ZP-027	ND							MT	Morter in brick furnace	Z-34 Melting Room

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
312	ZP-027	ND							MT	Morter in brick furnace	Z-34 Melting Room
313	ZP-027	ND							MT	Morter in brick furnace	Z-34 Melting Room
314	ZP-030	ND							S	Hard grey plaster over chicken wire	Z-35 Stripping Room
315	ZP-031	ND							S	Plaster, interior wall west, yellow coating	Z-35 Stripping Room
316	ZP-031	ND							S	Plaster, interior wall west, yellow coating	Z-35 Stripping Room
317	ZP-032	30-40	30-40						PR	Mag type	Z-35 Stripping Room
318	ZP-033	ND							FT	12x12 Floor Tile	Z-36 Storage Room
319	ZP-033	ND							FT	12x12 Floor Tile	Z-36 Storage Room
320	ZP-033	ND							FT	12x12 Floor Tile	Z-36 Storage Room
321	ZP-030	ND							S	Hard grey plaster over chicken wire.	Z-35 Stripping Room
322	ZP-031	ND							S	Plaster coating over wood and steel beams	Z-36 Storage Room
323	ZP-034	1-3	1-3						FT	12x12 Floor Tile, Grey	Z-48 Generator Room (Z-49 has been demolished)
324	ZP-034	NA							FT	12x12 Floor Tile, Grey	Z-48 Generator Room (Z-49 has been demolished)
325	ZP-034	NA							FT	12x12 Floor Tile, Grey	Z-48 Generator Room (Z-49 has been demolished)
326	ZP-035	60-70	60-70						MS	Fluffy white material on inside of electric door panel	Z-48 Generator Room (Z-49 has been demolished)
327	ZP-003	1-3	1-3						R	Green asphalt shingles	Z-39 Dryhouse
328	ZP-036	ND							S	Hard Grey Plaster	Z-39 Dryhouse
329	ZP-036	ND							S	Hard Grey Plaster	Z-39 Dryhouse
330	ZP-036	ND							S	Hard Grey Plaster	Z-39 Dryhouse
331	ZP-003	<1	<1						R	Green Asphalt Shingles	Z-39 Dryhouse
332	ZP-037	ND							S	Hard Interior Plaster on Metal Lath	Z-39 Dryhouse
333	ZP-037	ND							S	Hard Interior Plaster on Metal Lath	Z-39 Dryhouse
334	ZP-037	ND							S	Hard Interior Plaster on Metal Lath	Z-39 Dryhouse
335	ZP-008	60-70	60-70						PR	Aircell type	Z-39 Dryhouse

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
336	ZP-038	3-5	3-5						PR	Black pipe wrap with white fibers	ZP-100 Exterior Piping
337	ZP-039	20-30	20-30						PR	White, woven material covered with black tar	ZP-100 Exterior Piping
338	K-04	33-45	30-40	3-5					CA	Transite Pipe	Z-38 Weigh offices and yard crew
339	ZP-040	ND							MS	Tarpaper	Z-38 Weigh offices and yard crew
340	ZP-041	3-5	3-5						R	Tar paper	Z-38 Weigh offices and yard crew
341	ZP-042	3-5	3-5						FT	12x12 Floot Tile, grey	Z-38 Weigh offices and yard crew
342	ZP-042	3-5	3-5						FT	12x12 Floor Tile, Grey	Z-38 Weigh offices and yard crew
343	ZP-044	30-40	30-40						FS	Tan Checkered Sheet Vinyl	Z-38 Weigh offices and yard crew
344	ZP-042	3-5	3-5						FT	12x12 Floor Tile, Grey	Z-38 Weigh offices and yard crew
345	ZP-045	ND							AT	12x12 grey adhered tile	Z-38 Weigh offices and yard crew
346	ZP-044	20-30	20-30						FS	Tan Checkered	Z-38 Weigh offices and yard crew
347	ZP-045	ND							AT	12x12 Adhered Tile	Z-38 Weigh offices and yard crew
348	ZP-045	ND							AT	12x12 Adhered Tile	Z-38 Weigh offices and yard crew
349	ZP-045	ND							DW	DW With Brown Panel Adhesive	Z-38 Weigh offices and yard crew
350	ZP-045	ND							DW	DW With Brown Panel Adhesive	Z-38 Weigh offices and yard crew
351	ZP-045	10-20 Mastic;	10-20						DW	DW With Brown Panel Adhesive	Z-38 Weigh offices and yard crew
352	ZP-046	ND							AT	Grey 3x5 panels	Z-38 Weigh offices and yard crew
353	ZP-046	ND							AT	Grey 3x5 panels	Z-38 Weigh offices and yard crew
354	ZP-046	ND							AT	Grey 3x5 Panels	Z-38 Weigh offices and yard crew
355	K-04	30-50	20-30		10-20				CA	Transite Pipe	Z-40 Garage
356	K-03	30-40	30-40						CA	Transite Panel	Z-40 Garage
357	ZP-047	80-90	80-90						EJ	White Cloth Material	Z-40 Garage
358	ZP-047	NA	80-90						EJ	White Cloth Material	Z-40 Garage
359	ZP-047	NA	80-90						EJ	White Cloth Material	Z-40 Garage

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
360	ZP-048	ND							MS	Tarpaper	Z-40 Garage
361	ZP-048	ND							MS	Tarpaper	Z-40 Garage
362	ZP-048	ND							MS	Tarpaper	Z-40 Garage
363	ZP-008	ND							D	PR Aircell	Z-40 Garage
364	ZP-049	ND							AT	12x12 Adhered Acoustical Ceiling Tiles	Z-40 Garage
365	ZP-049	ND							AT	12x12 Adhered Acoustical Ceiling Tiles	Z-40 Garage
366	ZP-049	ND							AT	12x12 Adhered Acoustical Ceiling Tiles	Z-40 Garage
367	ZP-050	ND							DW	Drywall scrap material	Z-40 Garage
368	ZP-050	ND							DW	Drywall scrap material	Z-40 Garage
369	ZP-050	ND							DW	Drywall scrap material	Z-40 Garage
370	ZP-035	50-60	50-60						MS	Fiberous door panel material	Z-48 Generator Room (Z-49 has been demolished)
371	ZP-051	3-5	3-5						M	Window Glazing	Z-39 Dryhouse
372	ZP-051	3-5	3-5						M	Window Glazing	Z-39 Dryhouse
373	ZP-051	3-5	3-5						M	Window Glazing	Z-39 Dryhouse
374	ZP-003	ND							R	Asphalt Shingles, Green	Z-51 Office
375	ZP-053	ND							FS	Dark Brown Patterned Floor Tile	Z-51 Office
376	ZP-052	ND							FS	Medium Brown Vinyl Flooring	Z-51 Office
377	ZP-052	ND							FS	Medium Brown Vinyl Flooring	Z-51 Office
378	ZP-055	ND							AT	12x12 Adhered	Z-51 Office
379	ZP-056	ND							M	Brown, Adhesive Associated with AT	Z-51 Office
380	ZP-054	ND							S	Interior wall plaster and ceiling	Z-51 Office
381	ZP-055	ND							AT	12x12 Adhered	Z-51 Office
382	ZP-056	ND							M	Brown, Adhesive Associated with AT	Z-51 Office
383	ZP-054	ND							S	Interior wall plaster and ceiling	Z-51 Office

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
384	ZP-052	ND							FS	Medium Brown Vinyl Flooring	Z-51 Office
385	ZP-055	ND							AT	12x12 Adhered	Z-51 Office
386	ZP-056	ND							M	Brown, Adhesive Associated with AT	Z-51 Office
387	ZP-054	ND							S	Interior wall plaster and ceiling	Z-51 Office
388	ZP-057	<1	<1						FT	12x12 Floor Tile, Brown	Z-51 Office
389	ZP-057	1-3	1-3						FT	12x12 Floor Tile, Brown	Z-51 Office
390	ZP-054	ND							S	Interior Wall Plaster	Z-51 Office
391	ZP-057	NA							FT	12x12 Floor Tile, Brown	Z-51 Office
392	ZP-059	3-5 Mastic,	3-5						M	Cove Base, Brown W/Amber Mastic	Z-51 Office
393	ZP-059	NA							M	Cove Base, Brown W/Amber Mastic	Z-51 Office
394	ZP-059	NA							M	Cove Base, Brown W/Amber Mastic	Z-51 Office
395	ZP-058	3-5 tile,1-3	4-8						FT	9x9 Tile, Green	Z-51 Office
396	ZP-058	NA							FT	9x9 Tile, Green	Z-51 Office
397	ZP-058	NA							FT	9x9 Tile, Green	Z-51 Office
398	ZP-060	ND							M	Green Cove Base With Black Mastic	Z-51 Office
399	ZP-060	ND							M	Green Cove Base With Black Mastic	Z-51 Office
400	ZP-060	ND							M	Green Cove Base With Black Mastic	Z-51 Office
401	ZP-062	ND							MS	Wiring	Z-51 Office
402	ZP-062	ND							MS	Wiring	Z-51 Office
403	ZP-062	ND							MS	Wiring	Z-51 Office
404	ZP-061	<1	<1						M	Window Glazing	Z-51 Office
405	ZP-061	1-3	1-3						M	Window Glazing	Z-51 Office
406	ZP-061	NA							M	Window Glazing	Z-51 Office
407		20-30	20-30						MS	Grey pipe Wrap	Z-30 Cadmium Plant

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
408	ZP-015	ND							S	Ext. Building Plaster	Z-30 Cadmium Plant
409	ZP-015	ND							S	Ext. Building Plaster	Z-30 Cadmium Plant
410	ZP-063	ND							R	Tar paper	Z-30 Cadmium Plant
411	ZP-064	ND							FB	Cream to red brick	Z-21 Residue Floor
412	ZP-064	ND							FB	Cream to red brick	Z-21 Residue Floor
413	ZP-064	ND							FB	Cream to red brick	Z-21 Residue Floor
414	ZP-065	ND							M	White morter and pipe lining	Z-21 Residue Floor
415	ZP-065	ND							M	White morter and pipe lining	Z-21 Residue Floor
416	ZP-065	ND							M	White morter and pipe lining	Z-21 Residue Floor
417	ZP-066	ND							PR	Brown insulation	Z-21 Residue Floor
418	ZP-067	ND							R	Black rolled roof (under green aggregate)	Z-21 Residue Floor
419	ZP-068	ND							R	Asphalt shingle, green & white.	Z-21 Residue Floor
420	ZP-069	6-13	5-10	1-3					PR	Mag	Z-21 Residue Floor
421	ZP-070	50-60	50-60						PR	Aircell	Z-21 Residue Floor
422	ZP-070	70-80	70-80						D	Aircell debris	Z-20 Tank Floor
423	ZP-071	ND							MS	Tar paper, silver specs	Z-18 Filter Floor and Purification Tanks
424	ZP-071	ND							MS	Tar paper, silver specs	Z-18 Filter Floor and Purification Tanks
425	ZP-071	ND							MS	Tar paper, silver specs	Z-18 Filter Floor and Purification Tanks
426	ZP-072	ND							PR	Black exterior wrap	Z-18 Filter Floor and Purification Tanks
427	ZP-073	ND							PR	White cloth	Z-18 Filter Floor and Purification Tanks
428	ZP-074	ND							PR	Fiberglass	Z-18 Filter Floor and Purification Tanks
429	ZP-072	ND							PR	Black exterior wrap	Z-18 Filter Floor and Purification Tanks
430	ZP-073	ND							PR	White cloth	Z-18 Filter Floor and Purification Tanks
431	ZP-074	ND							PR	Fiberglass	Z-18 Filter Floor and Purification Tanks

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
432	ZP-072	ND							PR	Black exterior wrap	Z-18 Filter Floor and Purification Tanks
433	ZP-073	ND							PR	White cloth	Z-18 Filter Floor and Purification Tanks
434	ZP-074	ND							PR	Fiberglass	Z-18 Filter Floor and Purification Tanks
435	ZP-075	ND							MS	Cloth, white close weave	Z-18 Filter Floor and Purification Tanks
436	ZP-075	ND							MS	Cloth, white close weave	Z-18 Filter Floor and Purification Tanks
437	ZP-075	ND							MS	Cloth, white close weave	Z-18 Filter Floor and Purification Tanks
438	ZP-076	ND							MS	Cloth, fuzzy boot material	Z-18 Filter Floor and Purification Tanks
439	ZP-076	ND							MS	Cloth, fuzzy boot material	Z-18 Filter Floor and Purification Tanks
440	ZP-076	ND							MS	Cloth, fuzzy boot material	Z-18 Filter Floor and Purification Tanks
441	ZP-077	ND							MS	Cloth, loose woven with brown drag strip	Z-18 Filter Floor and Purification Tanks
442	ZP-077	ND							MS	Cloth, loose woven with brown drag strip	Z-18 Filter Floor and Purification Tanks
443	ZP-077	ND							MS	Cloth, loose woven with brown drag strip	Z-18 Filter Floor and Purification Tanks
444	ZP-078	ND							MS	Paper, thin brown	Z-18 Filter Floor and Purification Tanks
445	ZP-078	ND							MS	Paper, thin brown	Z-18 Filter Floor and Purification Tanks
446	ZP-078	ND							MS	Paper, thin brown	Z-18 Filter Floor and Purification Tanks
447	ZP-077	ND							M	White mortar on inside of wooden tank	Z-13 South addition to leach floor
448	ZP-077	ND							M	White mortar on inside of wooden tank	Z-13 South addition to leach floor
449	ZP-077	ND							M	White mortar on inside of wooden tank	Z-13 South addition to leach floor
450	ZP-080	60-70	60-70						PR	Aircell type	Z-13 South addition to leach floor
451	ZP-081	ND							MS	Cloth, diagonal weave	Z-13 South addition to leach floor
452	ZP-081	ND							MS	Cloth, diagonal weave	Z-13 South addition to leach floor
453	ZP-081	ND							MS	Cloth, diagonal weave	Z-13 South addition to leach floor
454	ZP-080	50-60	50-60						PR	Aircell type	Z-13 South addition to leach floor
455	ZP-085	ND							PR	Exterior white/foil wrap	Z-13 South addition to leach floor

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
456	ZP-086	ND							PR	Fiberglass	Z-13 South addition to leach floor
457	ZP-085	ND							PR	Exterior white/foil wrap	Z-13 South addition to leach floor
458	ZP-086	ND							PR	Fiberglass	Z-13 South addition to leach floor
459	ZP-082	ND							D	Tar paper	Z-13 South addition to leach floor
460	ZP-082	ND							D	Tar paper	Z-13 South addition to leach floor
461	ZP-082	ND							D	Tar paper	Z-13 South addition to leach floor
462	ZP-085	ND							PR	Exterior white/foil wrap	Z-13 South addition to leach floor
463	ZP-086	ND							PR	Fiberglass	Z-13 South addition to leach floor
464	ZP-083	20-30	20-30						MS	Ceramic filler	Z-13 South addition to leach floor
465	ZP-083	NA							MS	Ceramic filler	Z-13 South addition to leach floor
466	ZP-083	NA							MS	Ceramic filler	Z-13 South addition to leach floor
467	ZP-083	70-80	70-80						G	Gasket on fiberglass	Z-13 South addition to leach floor
468	ZP-084	50-60	50-60						PF	Mudded elbow	Z-13 South addition to leach floor
469	ZP-087	10-20			10-20				MS	Fibrous pipe, very dirty.	Z-12 Leach floor
470	ZP-087	NA							MS	Fibrous pipe, very dirty.	Z-12 Leach floor
471	NA	60-70	60-70						MS	Heat resistant suit	Z-12 Leach floor
472	ZP-087	NA							MS	Fibrous pipe, very dirty.	Z-12 Leach floor
473	ZP-088	70-80			70-80				TI	Mag type	Z-12 Leach floor
474	ZP-090	40-50		40-50					TI	Mag type	Z-12 Leach floor
475	ZP-089	ND							TI	Hard, black insulation on chicken wire	Z-12 Leach floor
476	ZP-091	ND							TI	Fiberglass exterior	Z-12 Leach floor
477	ZP-091	ND							TI	Fiberglass exterior	Z-12 Leach floor
478	ZP-091	ND							TI	Fiberglass exterior	Z-12 Leach floor
479	ZP-094	ND							PR	Black overjacket	Z-12 Leach floor

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
480	ZP-094	ND							PR	Black overjacket	Z-12 Leach floor
481	ZP-094	ND							PR	Black overjacket	Z-12 Leach floor
482	ZP-088	55-70	5-10		50-60				TI	Mag type with burlap overjacket	Z-12 Leach floor
483	ZP-092	ND							PR	Fiberglass jacket	Z-12 Leach floor
484	ZP-092	ND							PR	Fiberglass jacket	Z-12 Leach floor
485	ZP-092	ND							PR	Fiberglass jacket	Z-12 Leach floor
486	ZP-093	1-3	1-3						FT	12"x12" brown floor tile with white specs	Z-12 Leach floor
487	ZP-093	NA							FT	12"x12" brown floor tile with white specs	Z-12 Leach floor
488	ZP-093	NA							FT	12"x12" brown floor tile with white specs	Z-12 Leach floor
489	ZP-095	ND							MS	Sound insulation; brown paper	Z-12 Leach floor
490	ZP-095	ND							MS	Sound insulation; brown paper	Z-12 Leach floor
491	ZP-095	ND							MS	Sound insulation; brown paper	Z-12 Leach floor
492	ZP-096	50-60	50-60						MS	Cloth coarse weave	Z-12 Leach floor
493	ZP-097	ND							MS	Cloth fine weave	Z-12 Leach floor
494	ZP-097	ND							MS	Cloth fine weave	Z-12 Leach floor
495	ZP-097	ND							MS	Cloth fine weave	Z-12 Leach floor
496	ZP-121	70-80	70-80						G	Rope gasket	Z-12 Leach floor
497	ZP-098	10-20	10-20						S	Exterior Corrugated Metal Coating	Z-09 Cottrell
498	ZP-098	10-20	10-20						S	Exterior Corrugated Metal Coating	Z-09 Cottrell
499	ZP-098	10-20	10-20						S	Exterior Corrugated Metal Coating	Z-09 Cottrell
500	ZP-075, ZP-97	ND							MS	Cloth, tightly woven	Z-09 Cottrell
501		50-70	10-20	40-50					PR	TSI Pipe Run <8"	S-39 Paint Shop
502		ND							CP	Felt Paper Underlay	S-39 Paint Shop
502.2		ND							CP	Felt Paper Underlay	S-39 Paint Shop

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
502.3		ND							CP	Felt Paper Underlay	S-39 Paint Shop
503		ND							R	Rolled Roofing	S-39 Paint Shop
503.2		ND							R	Rolled Roofing	S-39 Paint Shop
503.3		ND							R	Rolled Roofing	S-39 Paint Shop
504		ND							FT	12" Floor Tile and Mastic (Gray)	S-40 Track Repair Shop
504.2		ND							FT	12" Floor Tile and Mastic (Gray)	S-40 Track Repair Shop
504.3		ND							FT	12" Floor Tile and Mastic (Gray)	S-40 Track Repair Shop
505		ND							FT	12" Floor Tile and Mastic (red/brown)	S-40 Track Repair Shop
505.2		ND							FT	12" Floor Tile and Mastic (red/brown)	S-40 Track Repair Shop
505.3		<1	<1						FT	12" Floor Tile and Mastic (red/brown)	S-40 Track Repair Shop
506		40-60	10-20	30-40					PR	TSI Pipe run <8" (black)	S-40 Track Repair Shop
507		ND							R	Rolled Roofing	S-40 Track Repair Shop
507.2		ND							R	Rolled Roofing	S-40 Track Repair Shop
507.3		ND							R	Rolled Roofing	S-40 Track Repair Shop
508		1-3	1-3						R	Rolled roofing	S-36 Framing shed
508.2		1-3	1-3						R	Rolled roofing	S-36 Framing shed
508.3		1-3	1-3						R	Rolled roofing	S-36 Framing shed
509	S-03	40-50	40-50						CB	Transite panels stored in bins	S-38 Lumber storage building
510	-	<1	<1						FT	12" floor tile & mastic (wood grain brown)	S-35 Carpenter Shop
511	-	ND							FT	12" floor tile & mastic (wood grain brown)	S-35 Carpenter Shop
512	-	<1	<1						FT	12" floor tile & mastic (wood grain brown)	S-35 Carpenter Shop
513	-	ND							FT	Side by side duplicate of 510, 511, 512	S-35 Carpenter Shop
514		ND							CT	12" ceiling tile	S-35 Carpenter Shop
515		ND							CT	12" ceiling tile	S-35 Carpenter Shop

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
516		ND							CT	12" ceiling tile	S-35 Carpenter Shop
517		60-70	60-70						PR	TSI pipe run (aircell) < 8"	S-35 Carpenter Shop
518		1-3	1-3						FT	12" floor tile & mastic (light brown)	S-35 Carpenter Shop
519		1-3	1-3						FT	12" floor tile & mastic (light brown)	S-35 Carpenter Shop
520		1-3	1-3						FT	12" floor tile & mastic (light brown)	S-35 Carpenter Shop
521		ND							R	Asphalt comp. shingle	S-35 Carpenter Shop
522		ND							R	Asphalt comp. shingle	S-35 Carpenter Shop
523		ND							R	Asphalt comp. shingle	S-35 Carpenter Shop
524		<1	<1						R	Silver painted rolled roofing	S-35 Carpenter Shop
525		1-3	1-3						R	Silver painted rolled roofing	S-35 Carpenter Shop
526		1-3	1-3						R	Silver painted rolled roofing	S-35 Carpenter Shop
527		40-50	40-50						CP	Felt underlayment	S-35 Carpenter Shop
528		40-50	40-50						CP	Felt underlayment	S-35 Carpenter Shop
529		40-50	40-50						CP	Felt underlayment	S-35 Carpenter Shop
530		70-80	70-80						PR	Silver cloth pipe wrap < 8"	S-35 Carpenter Shop
531		70-80	70-80						PR	Silver cloth pipe wrap < 8"	S-35 Carpenter Shop
532		70-80	70-80						PR	Silver cloth pipe wrap < 8"	S-35 Carpenter Shop
534		55-70	5-10	50-60					PR	Debris from excavated pipe	S-33 Dry Ore Reduction Plant
535	S-06	ND							TI	Blanket insulation	S-33 Dry Ore Reduction Plant
536		1-3	1-3						FI	12" Floor Tile and Mastic	S-33 Dry Ore Reduction Plant
537		1-3	1-3						FI	12" Floor Tile and Mastic	S-33 Dry Ore Reduction Plant
538		1-3	1-3						FI	12" Floor Tile and Mastic	S-33 Dry Ore Reduction Plant
539	-	ND							PR	Pipe insulation aircell < 8"	S-33 Dry Ore Reduction Plant
540	-	ND							R	Rolled roofing	S-33 Dry Ore Reduction Plant

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
541	-	20-30	20-30						CA	12" x 12" CA panels sculptured corners	S-33 Dry Ore Reduction Plant
542	-	ND							MT	Furnance flue brick mortar	S-33 Dry Ore Reduction Plant
543	-	40-50	40-50						PR	Cloth pipe wrap on verticle lines	S-33 Dry Ore Reduction Plant
544	-	ND							TI	MAG block insulation on furnace duct	S-33 Dry Ore Reduction Plant
545	-	10-20	10-20						TI	Mag block stack insulation	S-33 Dry Ore Reduction Plant
546	-	5-10	5-10						CB	Corrugated CB (Transite) panels	S-33 Dry Ore Reduction Plant
547	-	5-10	5-10						TI	Cementitious mudded stack liner	S-33 Dry Ore Reduction Plant
548	-	70-80	70-80						TI	Pipe wrap TSI <8"	S-33 Dry Ore Reduction Plant
549	S-08	1-3	1-3						R	Built up roofing	S-33 Dry Ore Reduction Plant
550	-	1-3	1-3						R	Built up roofing	S-33 Dry Ore Reduction Plant
551	-	1-3	1-3						R	Built up roofing	S-33 Dry Ore Reduction Plant
552	-	60-70	60-70						R	Roofing material - gray sheeting	S-33 Dry Ore Reduction Plant
553	-	3-5	3-5						R	Built up roofing material	S-33 Dry Ore Reduction Plant
554	-	40-50	40-50						CB	CB transite shingles	S-34 Electric furnace Bldg
555		ND							CP	Construction paper	S-41 Coal & Coke Storage Bins
556		ND							CP	Construction paper	S-41 Coal & Coke Storage Bins
557		ND							R	Rolled roofing material	S-41 Coal & Coke Storage Bins
558		ND							R	Rolled roofing material	S-41 Coal & Coke Storage Bins
559		ND							MT	Brick mortar - clay brick	S-57 Main baghouse & adjacent buildings
560		ND							MT	Brick mortar - clay brick	S-57 Main baghouse & adjacent buildings
561		1-3	1-3						R	Roof flashing material	S-57 Main baghouse & adjacent buildings
562		1-3	1-3						R	Roof flashing material	S-57 Main baghouse & adjacent buildings
563		3-5	3-5						R	Roof flashing material	S-57 Main baghouse & adjacent buildings
564		ND							R	Asphalt shingle roofing material	S-57 Main baghouse & adjacent buildings

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
565		50-60						50-60	PR	MAG block pipe run <8"	S-57 Main baghouse & adjacent buildings
566		60-70	60-70						CP	Construction paper - Electrical panel	S-57 Main baghouse & adjacent buildings
567		ND							MT	Brick mortar- clay brick	S-57 Main baghouse & adjacent buildings
568		ND							R	Rolled roofing - push fan roof	S-57 Main baghouse & adjacent buildings
569		ND							R	Asphalt shingle roofing material	S-57 Main baghouse & adjacent buildings
570		ND							R	Asphalt shingle roofing material	S-57 Main baghouse & adjacent buildings
571		ND							MT	Brick mortar - clay brick - catwalk level	S-57 Main baghouse & adjacent buildings
572		ND							MT	Brick mortar - clay brick - catwalk level	S-57 Main baghouse & adjacent buildings
573		50-60	50-60						EJ	Rubberized expansion cloth material from damper	S-57 Main baghouse & adjacent buildings
574		ND							MT	Pumice block mortar - interior wall	S-57 Main baghouse & adjacent buildings
575		ND							MT	Pumice block mortar - Exterior wall	S-57 Main baghouse & adjacent buildings
576		ND							MT	Pumice block mortar - Exterior wall	S-57 Main baghouse & adjacent buildings
577		ND							MT	Mortar from pumice block wall	MC-43 Oil House
578		ND							MT	Mortar from Pumice Block Wall	MC-43 Oil House
579		ND							MT	Mortar from Pumice Block Wall	MC-43 Oil House
580		20-30	20-30						CA	CAB transite shingle	MC-43 Oil House
581	5-05	1-3 top; whole	1-3, <1						R	Silver painted rolled roofing	MC-43 Oil House
582		1-3	1-3						R	Rolled roofing	S-58 Fan Room
583		<1	<1						R	Rolled roofing	S-58 Fan Room
584		1-3 top, lower ND	1-3						R	Rolled roofing	S-58 Fan Room
585		<1	<1						R	Asphalt shingles	S-58 Fan Room
586		ND							R	Asphalt shingles	S-58 Fan Room
587		ND							R	Asphalt shingles	S-58 Fan Room
588		20-30	20-30						TI	Mudded insulation on 4' diameter flue	S-58 Fan Room

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
589		<1	<1						R	Rolled roofing	S-58 Fan Room
590		ND							MT	Mortar from clay brick	S-58 Fan Room
591		ND							MT	Mortar from clay brick	S-58 Fan Room
592	SH-01	20-30		20-30					PR	6" O.D. Line Felt Wrap	S-60, Fan House
593		20-30	20-30						D	Debris on floor	S-55 Main Baghouse Blower
594		70-80	70-80						M	1" diameter rope	S-55 Main Baghouse Blower
595		ND							FT	Layers of floor tile	S-56
596		40-50	40-50						FS	Sheet floor	S-56
597		40-50	40-50						FS	Sheet floor	S-56
598		40-50	40-50						FS	Sheet floor	S-56
599		ND							DW	Sheetrock with taping compound	S-56
600		1-3	1-3						DW	Sheetrock with taping compound	S-56
601		1-3	1-3						DW	Sheetrock with taping compound	S-56
602	SH-10	ND							R	Roll comp roof with silver paint	S-56
603		33-45	3-5	30-40					PR	Pipe run - lagging	S-49 Warehouse
604		10-20	10-20						MS	Gasket coils	S-49 Warehouse
605		60-70	60-70						MS	Raybestos - Sheets	S-49 Warehouse
606		ND							DW	Sheetrock	S-49 Warehouse
607		ND							DW	Sheetrock	S-49 Warehouse
608		ND							DW	Sheetrock	S-49 Warehouse
609		10-20	10-20						PR	Pipe elbows on fiberglass runs with metal jacket	S-49 Warehouse
610		ND							MS	Debris looks like TSI	S-49 Warehouse
611		ND							MS	Fabric material	S-49 Warehouse
612		ND							MS	Fabric material	S-49 Warehouse

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
613		ND							MS	Fabric material	S-49 Warehouse
614		60-70	60-70						MS	Rope 1" diameter	S-49 Warehouse
615		20-30	20-30						PR	Multilayer pipe wrap	S-49 Warehouse
616		5-10	5-10						FT	Floor tile 9x9	S-49 Warehouse
617		3-5	3-5						R	Roll with silver paint roofing	S-49 Warehouse
618	R-S45	ND							R	Rolled Roofing	S-45, Ore and Concerntrate Bins
619		ND							R	Roofing - red comp. shingle	S-49 Warehouse
620		ND							R	Roofing - gray comp. shingle	S-49 Warehouse
621		ND							MS	Crushed debris on floor–dark gray	S-09A addition to S-9
622		ND							MS	Crushed debris on floor–tan	S-09A addition to S-9
623		ND							MS	Fluffy material cotton like	S-10 Retort Bldg
624		ND							MT	Fire brick mortar	S-10 Retort Bldg
625		ND							MT	Red brick mortar	S-10 Retort Bldg
626		50-60	50-60						FS	Floor sheeting	S-10 Retort Bldg
627		ND							AT	Acoustic Tile	S-10 Retort Bldg
628		ND							AT	Acoustic Tile	S-10 Retort Bldg
629		ND							AT	Acoustic Tile	S-10 Retort Bldg
630		ND							PR	Pipe run	S-08 Change Room
631		50-60	50-60						FS	Floor sheeting	S-10 Retort Bldg
632		ND							AT	1 x 1 AT	S-08 Change Room
633		ND							FT	12" vinyl tile	S-08 Change Room
634		ND							AT	2 x 4 acoustic tile	S-08 Change Room
635		ND							MS	Ceramic tile grout & mastic	S-08 Change Room
636		ND							AT	2 x 4 acoustic tile	S-08 Change Room

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
637		ND							AT	2 x 4 acoustic tile	S-08 Change Room
638		ND							AT	1 x 1 AT	S-08 Change Room
639		ND							AT	1 x 1 AT	S-08 Change Room
640		ND							R	Rubber Roll	S-08 Change Room
641		5-10	5-10						R	Roof - roll built up	S-09 Gold & Silver Refinery
642		ND							R	Comp shingle	S-08 Change Room
643		ND							R	Roofing - Roll comp.	S-44, Feed Conveyers
644		ND							MS	Felt	S-09 Gold & Silver Refinery
645		ND							DW	Sheetrock	S-08 Change Room
646		ND							S	Plaster on red brick wall	S-12 Cupel Room
647		20-30		20-30					PR	Flue insulation	S-13, Lead Refinery Bldg
648		21-33	20-30	1-3					PR	Insulation on pipe	S-10 Retort Bldg
649		ND							PR	Insulation around duct	S-12 Cupel Room
650		ND							PR	Cement interior lining of 3' dia. flue	S-13, Lead Refinery Bldg
651		ND							PR	Fiberglass type insulation with cloth wrap 3/4"	S-13, Lead Refinery Bldg
652		ND							MT	Brick Mortar	S-13, Lead Refinery Bldg
653		ND							MT	Brick mortar	S-13, Lead Refinery Bldg
654		ND							MT	Brick Mortar	S-13, Lead Refinery Bldg
655		ND							PR	Extra samples of 651 fiberglass wrap	S-13, Lead Refinery Bldg
656		ND							PR	Extra samples of 651 fiberglass wrap	S-13, Lead Refinery Bldg
657		30-40		30-40					PR	Pipe run 4"	S-13, Lead Refinery Bldg
658		10-20		10-20					PR	Pipe run 4", canvas wrap	S-13, Lead Refinery Bldg
659		50-60	50-60						CA	Transite Panels - typical	S-13, Lead Refinery Bldg
660		1-3	1-3						R	Roofing	S-13, Lead Refinery Bldg

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
661		1-3	1-3						R	Roofing	S-13, Lead Refinery Bldg
662		1-3	1-3						R	Roofing	S-13, Lead Refinery Bldg
663		60-70	60-70						MS	Blanket	S-13, Lead Refinery Bldg
664		ND							PR	Felt wrap on fiberglass pipe run	S-13, Lead Refinery Bldg
665		ND							DW	Sheetrock	S-78, Warming Shed
666		ND							DW	Sheetrock	S-78, Warming Shed
667		ND							DW	Sheetrock	S-78, Warming Shed
668		ND							AT	Acoustic Tile 2'x4'	S-78, Warming Shed
669		ND							AT	Acoustic Tile 2'x4'	S-78, Warming Shed
670		ND							AT	Acoustic Tile 2'x4'	S-78, Warming Shed
671		30-40	30-40						FS	Sheet Floor	S-78, Warming Shed
672		30-40	30-40						FS	Sheet Floor	S-78, Warming Shed
673		30-40	30-40						FS	Sheet Floor	S-78, Warming Shed
674		ND							AT	Acoustic tile 2x4	S-14 Blast Furnace Bldg.
675		ND							AT	Acoustic tile 2x4	S-14 Blast Furnace Bldg.
676		ND							AT	Acoustic tile 2x4	S-14 Blast Furnace Bldg.
677		70-80	70-80						G	Cloth pipe wrap	S-14 Blast Furnace Bldg.
678		ND							MS	Cement on blast furnace	S-14 Blast Furnace Bldg.
679		ND							MS	Cement on blast furnace	S-14 Blast Furnace Bldg.
680		ND							MS	Cement on blast furnace	S-14 Blast Furnace Bldg.
681		10-20	10-20						DI	Insulation on wire lathe	S-15, Slag Fuming Plant
682		10-20		10-20					PR	Pipe insulation, < 8" dia. lines	S-15, Slag Fuming Plant
683		5-10			5-10				TI	Tank insulation	S-15, Slag Fuming Plant
684		23-35	20-30	3-5					PR	Chiller outlet - 2' dia. elbow	S-15, Slag Fuming Plant

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
685		ND							TI	Tank insulation	S-15, Slag Fuming Plant
686		1-3	1-3						PR	Pipe insulation, >8" dia. lines	S-15, Slag Fuming Plant
687		4-8	3-5	1-3					TI	Tank insulation	S-15, Slag Fuming Plant
688		4-8	3-5	1-3					TI	Tank insulation	S-15, Slag Fuming Plant
689		<1	<1						R	Roll hot mop	S-15, Slag Fuming Plant
690		1-3	1-3						R	Roll hot mop	S-15, Slag Fuming Plant
691		1-3	1-3						R	Roll hot mop	S-15, Slag Fuming Plant
692		50-60	50-60						PR	Felt wrap on piping	S-03A Pump House
693		10-20	10-20						CA	Transite - Corrugated Panels	S-03 Gate & Dry House
694		ND							P	Plaster	S-03 Gate & Dry House
695		ND							P	Plaster	S-03 Gate & Dry House
696		ND							P	Plaster	S-03 Gate & Dry House
697		ND							N	Ceramic tile grout	S-03 Gate & Dry House
698		ND							N	Ceramic tile grout	S-03 Gate & Dry House
699		ND							N	Ceramic tile grout	S-03 Gate & Dry House
700		ND							AT	1x1 AT smooth	S-03 Gate & Dry House
701		ND							AT	1x1 AT smooth	S-03 Gate & Dry House
702		ND							AT	1x1 AT smooth	S-03 Gate & Dry House
703		60-70	60-70						FS	Linoleum sheet floor	S-03 Gate & Dry House
704		60-70	60-70						FS	Linoleum sheet floor	S-03 Gate & Dry House
705		60-70	60-70						FS	Linoleum sheet floor	S-03 Gate & Dry House
706		ND							AT	1x1 Acoustic Tile	S-03 Gate & Dry House
707		ND							AT	1x1 Acoustic Tile	S-03 Gate & Dry House
708		ND							AT	1x1 Acoustic Tile	S-03 Gate & Dry House

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
709		<1	<1						FT	12" Vinyl Tile	S-03 Gate & Dry House
710		<1	<1						FT	12" Vinyl Tile	S-03 Gate & Dry House
711		<1	<1						FT	12" Vinyl Tile	S-03 Gate & Dry House
712		1-3	1-3						R	Multilayer Comp. shingle	S-03 Gate & Dry House
713		ND							MT	Brick mortar	S-01 General Office Bldg
714		ND							MT	Brick mortar	S-01 General Office Bldg
715		ND							MT	Brick mortar	S-01 General Office Bldg
716		ND							P	Plaster (Walls & Ceilings)	S-01 General Office Bldg
717		ND							P	Plaster (Walls & Ceilings)	S-01 General Office Bldg
718		ND							P	Plaster (Walls & Ceilings)	S-01 General Office Bldg
719		1-3	1-3						FT	9x9 Floor Tile Tan	S-01 General Office Bldg
720		1-3	1-3						FT	9x9 Floor Tile Tan	S-01 General Office Bldg
721		1-3	1-3						FT	9x9 Floor Tile Tan	S-01 General Office Bldg
722		1-3	1-3						FT	9x9 Floor Tile Red & Black	S-01 General Office Bldg
723		1-3	1-3						FT	9x9 Floor Tile Red & Black	S-01 General Office Bldg
724		1-3	1-3						FT	9x9 Floor Tile Red & Black	S-01 General Office Bldg
725		not received							AT	1x1 Acoustic Tile	S-01 General Office Bldg
726		ND							AT	1x1 Acoustic Tile	S-01 General Office Bldg
727		ND							AT	1x1 Acoustic Tile	S-01 General Office Bldg
728		ND							FS	Sheet Floor	S-01 General Office Bldg
729		ND							FS	Sheet Floor	S-01 General Office Bldg
730		not received							FS	Sheet Floor	S-01 General Office Bldg
731		ND							DW	Sheet Rock	S-01 General Office Bldg
732		ND							DW	Sheet Rock	S-01 General Office Bldg

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
733		ND							DW	Sheet Rock	S-01 General Office Bldg
734		1-3	1-3						FT	White 12x12 Floor Tile	S-01 General Office Bldg
735		1-3	1-3						FT	White 12x12 Floor Tile	S-01 General Office Bldg
736		1-3	1-3						FT	White 12x12 Floor Tile	S-01 General Office Bldg
737		ND							R	Green Comp. Shingle Roof	S-01 General Office Bldg
738		ND							R	Green Comp. Shingle Roof	S-01 General Office Bldg
739		ND							R	Green Comp. Shingle Roof	S-01 General Office Bldg
740		1-3	1-3						S	Spray acoustic	S-83, Blood Sampling Bldg
741		1-3	1-3						S	Spray acoustic	S-83, Blood Sampling Bldg
742		1-3	1-3						S	Spray acoustic	S-83, Blood Sampling Bldg
743		3-5	3-5						FT	Floor Tile (12 by 12)	S-83, Blood Sampling Bldg
744		3-5	3-5						FT	Floor Tile (12 by 12)	S-83, Blood Sampling Bldg
745		3-5	3-5						FT	Floor Tile (12 by 12)	S-83, Blood Sampling Bldg
746		ND							DW	Sheetrock with joint compound & texture	S-83, Blood Sampling Bldg
747		ND							DW	Sheetrock with joint compound & texture	S-83, Blood Sampling Bldg
748		ND							DW	Sheetrock	S-83, Blood Sampling Bldg
749		ND							MS	Felt	S-75, Slag Fuming Reservoir
750		ND							MS	Felt	S-75, Slag Fuming Reservoir
751		ND							R	Roofing	S-79, Coke and Sinter Storage bins
752		5-10	5-10						VP	Vapor Barrier (tar and felt material)	S-79, Coke and Sinter Storage bins
753		30-40	5-10						VP	Vapor Barrier (Black felt material)	S-79, Coke and Sinter Storage bins
754		80-90	80-90						EJ	White woven material (underneath) on vibration damper	S-57 Bag House Push Fans
755		20-30	20-30						EJ	Black (outer) material on vibration damper with white inner material	S-57 Bag House Push Fans
756		10-20	10-20						MS	Insulation material inside vibration damper	S-57 Bag House Push Fans

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
757		ND							MS	White insulation pad	S-57 Bag House Push Fans
758		ND							MS	White insulation pad	S-57 Bag House Push Fans
759		ND							MS	White insulation pad	S-57 Bag House Push Fans
760		20-30		20-30					MS	Filler insulation	S-59 Wheelabrator Bag House
761		20-30		20-30					MS	Filler insulation	S-59 Wheelabrator Bag House
762		20-30		20-30					MS	Filler insulation	S-59 Wheelabrator Bag House
763		60-70	60-70						CA	Transite Board	S-59 Wheelabrator Bag House
764		30-40	30-40						MS	Black Coating Material.	S-59 Wheelabrator Bag House
765		30-40	30-40						MS	Black Coating Material.	S-59 Wheelabrator Bag House
766		30-40	30-40						MS	Black Coating Material.	S-59 Wheelabrator Bag House
767		10-20	10-20						MS	Black Jacket Material over Fiberglass	S-59 Wheelabrator Bag House
768		10-20	10-20						MS	Black Jacket Material over Fiberglass	S-59 Wheelabrator Bag House
769		10-20	10-20						MS	Black Jacket Material over Fiberglass	S-59 Wheelabrator Bag House
770		50-60	50-60						MS	Rope Material	S-59 Wheelabrator Bag House
771		50-60	50-60						MS	Rope Material	S-59 Wheelabrator Bag House
772		1-3	1-3						MS	Vapor Barrier (Black Felt)	S-59 Wheelabrator Bag House
773		ND							R	Roofing	S-59 Wheelabrator Bag House
774		10-20	10-20						PR	Pipe Lagging (felt paper)	S-59 Wheelabrator Bag House
775		<1	<1						MS	Black Tar Coating	S-59 Wheelabrator Bag House
776		60-70	60-70						MS	White Blanket Meterial	S-59 Wheelabrator Bag House
777		60-70	60-70						MS	White Blanket Meterial	S-59 Wheelabrator Bag House
778		60-70	60-70						MS	White Blanket Meterial	S-59 Wheelabrator Bag House
779		20-30		20-30					DI	Black insulation on ducts	S-59 Wheelabrator Bag House
780		20-30		20-30					DI	Black insulation on ducts	S-59 Wheelabrator Bag House

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
781		20-30		20-30					DI	Black insulation on ducts	S-59 Wheelabrator Bag House
782		5-10	5-10						DI	Duct Jacket	S-59 Wheelabrator Bag House
783		5-10	5-10						DI	Duct Jacket	S-59 Wheelabrator Bag House
784		5-10	5-10						DI	Duct Jacket	S-59 Wheelabrator Bag House
785		10-20	10-20						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
786		10-20	10-20						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
787		10-20	10-20						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
788		10-20	10-20						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
789		10-20	10-20						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
790		10-20	10-20						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
791		50-60	50-60						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
792		50-60	50-60						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
793		50-60	50-60						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
794		10-20	10-20						[illegible]	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
795		10-20	10-20						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
796		10-20	10-20						MS	Black/gray jacket-Mastic material over fiberglass	S-59A Norblo Bag House
797		3-5	3-5						MS	Black tar/jacket on duct	S-17B, Lurgi Building
798		10-20	10-20						MS	Black tar/jacket on duct (outer)	S-17B, Lurgi Building
799		10-20	10-20						MS	Black tar/jacket	S-17B, Lurgi Building
800		10-20	10-20						MS	Black tar/jacket	S-17B, Lurgi Building
801		10-20	10-20						MS	Black tar/jacket	S-17B, Lurgi Building
802		ND							MS	Fiberglass/wood insulation	S-17B, Lurgi Building
803		ND							MS	Fiberglass/wood insulation	S-17B, Lurgi Building
804		ND							MS	Fiberglass/wood insulation	S-17B, Lurgi Building

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
805		20-30	20-30						MS	Gray/black tar jacket	S-17B, Lurgi Building
806		ND							MS	Residue	S-17B, Lurgi Building
807		10-20	5-10		5-10				MS	Green insulation material	S-17B, Lurgi Building
808		30-40			30-40				MS	Green insulation material	S-17B, Lurgi Building
809		60-70	60-70						G	Rope gasket	S-17A, Sinter Plant
810		70-80	70-80						MS	Woven blanket material	S-17A, Sinter Plant
811		70-80	70-80						MS	Woven blanket material	S-17A, Sinter Plant
812		5-10	5-10						DI	Black jacket on 3' dia. pipe	S-17A, Sinter Plant
813		5-10	5-10						DI	Black jacket on 3' dia. pipe	S-17A, Sinter Plant
814		5-10	5-10						DI	Black jacket on 3' dia. pipe	S-17A, Sinter Plant
815		60-70			60-70				MS	Green insulation	S-17A, Sinter Plant
816		ND							DI	Mud insulation (under black jacket on 3' duct	S-17A, Sinter Plant
817		1-3	1-3						FT	12' floor tile	S-17A1
818		1-3	1-3						FT	12' floor tile	S-17A1
819		1-3	1-3						FT	12' floor tile	S-17A1
820		ND							FT	9" floor tile	S-17A1
821		ND							FT	9" floor tile	S-17A1
822		ND							FT	9" floor tile	S-17A1
823		20-30	20-30						FS	Linoleum	S-17A1
824		20-30	20-30						FS	Linoleum	S-17A1
825		20-30	20-30						FS	Linoleum	S-17A1
826		70-80	70-80						MS	Woven material	S-17A1
827		ND							MS	Rope material	S-17A1
828		ND							MS	Rope material	S-17A1

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
829		ND							MS	Rope material	S-17A1
830		50-60	50-60						MS	Woven material on metal pipe	S-17A1
831		ND							MS	Coating (thin) on interior of corrugated metal panels	Z-11 Concentrate Handling Building
832		5-10	5-10						PR	Pipe lagging	Z-11 Concentrate Handling Building
833		ND							PJ	Black pipe jacket	Z-11 Concentrate Handling Building
834		40-50	40-50						PR	Pipe lagging	Z-11 Concentrate Handling Building
835		ND							AT	12"x12" ceiling tile	Z-11 Concentrate Handling Building
836		ND							AT	12"x12" ceiling tile	Z-11 Concentrate Handling Building
837		ND							AT	12"x12" ceiling tile	Z-11 Concentrate Handling Building
838		20-30	20-30						PR	Pipe lagging	Z-11 Concentrate Handling Building
839		40-50		40-50					PR	Pipe lagging (paper under metal jacket)	Z-11 Concentrate Handling Building
840		10-20	10-20						PR	Pipe lagging	Z-16 Roaster Building (5)
841		50-60	50-60						MS	Woven rope material	Z-16 Roaster Building (5)
842		15-30	5-10	10-20					PR	Pipe lagging	Z-16 Roaster Building (5)
843		5-10	5-10						TI	Black tank jacket	Z-16 Roaster Building (5)
844		30-40	30-40						TI	Tank mud insulation, under jacket, over fiberglass	Z-16 Roaster Building (5)
845		10-20	10-20						PR	Pipe insulation	Z-16 Roaster Building (5)
846		20-30	20-30						PR	Pipe insulation	Z-16 Roaster Building (5)
847		10-20	10-20						PF	Pipe elbow mud	Z-16 Roaster Building (5)
848		30-40	30-40						PF	Pipe joint mud	Z-16 Roaster Building (5)
849		20-30	20-30						DI	Black jacket on mud	Z-16 Roaster Building (5)
850		20-30	20-30						DI	Mud, fiberglass insulation	Z-16 Roaster Building (5)
851		ND							DI	Mud, fiberglass insulation	Z-16 Roaster Building (5)
852		ND							TI	Tank mud insulation	Z-16 Roaster Building (5)

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
805		20-30	20-30						MS	Gray/black tar jacket	S-17B, Lurgi Building
806		ND							MS	Residue	S-17B, Lurgi Building
807		10-20	5-10		5-10				MS	Green insulation material	S-17B, Lurgi Building
808		30-40			30-40				MS	Green insulation material	S-17B, Lurgi Building
809		60-70	60-70						G	Rope gasket	S-17A, Sinter Plant
810		70-80	70-80						MS	Woven blanket material	S-17A, Sinter Plant
811		70-80	70-80						MS	Woven blanket material	S-17A, Sinter Plant
812		5-10	5-10						DI	Black jacket on 3' dia. pipe	S-17A, Sinter Plant
813		5-10	5-10						DI	Black jacket on 3' dia. pipe	S-17A, Sinter Plant
814		5-10	5-10						DI	Black jacket on 3' dia. pipe	S-17A, Sinter Plant
815		60-70			60-70				MS	Green insulation	S-17A, Sinter Plant
816		ND							DI	Mud insulation (under black jacket on 3' duct	S-17A, Sinter Plant
817		1-3	1-3						FT	12' floor tile	S-17A1
818		1-3	1-3						FT	12' floor tile	S-17A1
819		1-3	1-3						FT	12' floor tile	S-17A1
820		ND							FT	9" floor tile	S-17A1
821		ND							FT	9" floor tile	S-17A1
822		ND							FT	9" floor tile	S-17A1
823		20-30	20-30						FS	Linoleum	S-17A1
824		20-30	20-30						FS	Linoleum	S-17A1
825		20-30	20-30						FS	Linoleum	S-17A1
826		70-80	70-80						MS	Woven material	S-17A1
827		ND							MS	Rope material	S-17A1
828		ND							MS	Rope material	S-17A1

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
829		ND							MS	Rope material	S-17A1
830		50-60	50-60						MS	Woven material on metal pipe	S-17A1
831		ND							MS	Coating (thin) on interior of corrugated metal panels	Z-11 Concentrate Handling Building
832		5-10	5-10						PR	Pipe lagging	Z-11 Concentrate Handling Building
833		ND							PJ	Black pipe jacket	Z-11 Concentrate Handling Building
834		40-50	40-50						PR	Pipe lagging	Z-11 Concentrate Handling Building
835		ND							AT	12"x12" ceiling tile	Z-11 Concentrate Handling Building
836		ND							AT	12"x12" ceiling tile	Z-11 Concentrate Handling Building
837		ND							AT	12"x12" ceiling tile	Z-11 Concentrate Handling Building
838		20-30	20-30						PR	Pipe lagging	Z-11 Concentrate Handling Building
839		40-50		40-50					PR	Pipe lagging (paper under metal jacket)	Z-11 Concentrate Handling Building
840		10-20	10-20						PR	Pipe lagging	Z-16 Roaster Building (5)
841		50-60	50-60						MS	Woven rope material	Z-16 Roaster Building (5)
842		15-30	5-10	10-20					PR	Pipe lagging	Z-16 Roaster Building (5)
843		5-10	5-10						TI	Black tank jacket	Z-16 Roaster Building (5)
844		30-40	30-40						TI	Tank mud insulation, under jacket, over fiberglass	Z-16 Roaster Building (5)
845		10-20	10-20						PR	Pipe insulation	Z-16 Roaster Building (5)
846		20-30	20-30						PR	Pipe insulation	Z-16 Roaster Building (5)
847		10-20	10-20						PF	Pipe elbow mud	Z-16 Roaster Building (5)
848		30-40	30-40						PF	Pipe joint mud	Z-16 Roaster Building (5)
849		20-30	20-30						DI	Black jacket on mud	Z-16 Roaster Building (5)
850		20-30	20-30						DI	Mud, fiberglass insulation	Z-16 Roaster Building (5)
851		ND							DI	Mud, fiberglass insulation	Z-16 Roaster Building (5)
852		ND							TI	Tank mud insulation	Z-16 Roaster Building (5)

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
853		1-3	1-3						TI	Tank jacket, black	Z-16 Roaster Building (5)
854		1-3	1-3						TI	Tank mud insulation	Z-16 Roaster Building (5)
855		ND							MS	Tank mud insulation around doors at base of tank	Z-16 Roaster Building (5)
856		5-10	5-10						TI	Black tank jacket	Z-16 Roaster Building (5)
857		10-20	10-20						TI	Tank mud insulation	Z-16 Roaster Building (5)
858		11-23	10-20	1-3					PR	Pipe lagging under metal jacket	Z-16 Roaster Building (5)
859		40-50	40-50						PR	Pipe lagging	Z-16 Roaster Building (5)
860		20-30	20-30						PR	Pipe lagging	Z-16 Roaster Building (5)
861		<1	<1						PJ	Pipe elbow mud	Z-16 Roaster Building (5)
862		23-35	20-30	3-5					PJ	Pipe elbow mud	Z-16 Roaster Building (5)
863		3-5	3-5						TI	Tank insulation mud	Z-16 Roaster Building (5)
864		5-10	5-10						DI	Duct jacket	Z-16 Roaster Building (5)
865		5-10	5-10						DI	Duct insulation	Z-16 Roaster Building (5)
866		ND							AT	12"x12" ceiling tile	Z-16 Roaster Building (5)
867		ND							AT	12"x12" ceiling tile	Z-16 Roaster Building (5)
868		ND							AT	12"x12" ceiling tile	Z-16 Roaster Building (5)
869		5-10	5-10						DI	Duct insulation	Z-16 Roaster Building (5)
870		70-80	70-80						MS	Woven cloth material	Z-16 Roaster Building (5)
871		6-13	1-3	5-10					PR	Pipe lagging	Z-16 Roaster Building (5)
872		5-10	5-10						DI	Duct jacket	Z-16 Roaster Building (5)
873		20-30	20-30						DI	Duct insulation	Z-16 Roaster Building (5)
874		20-30	20-30						CA	Flat transite panels	Z-16 Roaster Building (5)
875		70-80	70-80						MS	Woven cloth material on 2 and 5" pipe	Z-16 Roaster Building (5)
876		20-30	20-30						MS	Woven cloth material on 2 and 5" pipe	Z-16 Roaster Building (5)

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
877		ND							TI	Tank mud	Z-16 Roaster Building (5)
878		ND							DI/TI	Duct mud insulation	Z-11 Concentrate Handling Building
879		ND							R	Roofing	Z-16 Roaster Building (5)
880		1-3	1-3						TI	Tank mud insulation	Z-16 Roaster Building (5)
881		1-3	1-3						R	Roofing	Z-16 Roaster Building (5)
882		10-20			10-20				TI	Tank insulation, green fiberous	Z-16 Roaster Building (5)
883		ND							AT	2'x4' ceiling tile	Z-15 Boilerhouse
884		ND							AT	2'x4' ceiling tile	Z-15 Boilerhouse
885		ND							AT	2'x4' ceiling tile	Z-15 Boilerhouse
886		20-30	20-30						PR	Aircell pipe length insulation	Z-15 Boilerhouse
887		5-10	5-10						PR	Pipe lagging	Z-15 Boilerhouse
888		5-10		5-10					PR	Pipe lagging	Z-15 Boilerhouse
889		11-23	1-3	10-20					PR	Pipe lagging	Z-15 Boilerhouse
890		20-40	10-20	10-20					TI	Horizontal boiler tank insulation	Z-15 Boilerhouse
891		15-30	10-20	5-10					DI	Duct block insulation	Z-15 Boilerhouse
892		60-90	20-30	20-30	20-30				TI	Upper tanks (horizontal & vertical)	Z-15 Boilerhouse
893		ND							R	Roofing	Z-15 Boilerhouse
894		1-3	1-3						DI	Black duct jacket	Z-01 to Z-04 Acid Plant Buildings & Tanks
895		5-10	5-10						DI	Duct mud/fiberglass insulation	Z-01 to Z-04 Acid Plant Buildings & Tanks
896		10-20		10-20					PR	Pipe lagging	Z-01 to Z-04 Acid Plant Buildings & Tanks
897		10-20	10-20						M	Mastic on pipe elbows	Z-01 to Z-04 Acid Plant Buildings & Tanks
898		5-10		5-10					PR	Pipe lagging	Z-01 to Z-04 Acid Plant Buildings & Tanks
899		10-20		10-20					PR	Pipe lagging	Z-01 to Z-04 Acid Plant Buildings & Tanks
900		10-20	10-20						DI	Black duct jacket	Z-01 to Z-04 Acid Plant Buildings & Tanks

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
901		ND							DI	Duct mud/fiberglass insulation	Z-01 to Z-04 Acid Plant Buildings & Tanks
902		20-30	20-30						R	Roofing	Z-01 to Z-04 Acid Plant Buildings & Tanks
903		5-10	5-10						PR	Pipe lagging	Z-01 to Z-04 Acid Plant Buildings & Tanks
904		15-30	10-20	5-10					PR	Pipe lagging	Z-01 to Z-04 Acid Plant Buildings & Tanks
929	P-02	ND							FS	Flooring sheet beige Salt & Pepper Patern	P-01 Office
930	P-02	ND							FS	Flooring sheet beige Salt & Pepper Patern	P-01 Office
931	P-06	ND							AT	Acoustic Ceiling Tile	P-01 Office
932	P-06	ND							AT	Acoustic Ceiling Tile	P-01 Office
933	P-08	ND							R	Roof Core	P-01 Office
934	P-08	<1	<1						R	Roof Core	P-01 Office
935	PH-12	ND							D	Residue/Debris	P-02 Ammo. Phosphate Manufacturing Bldg.
936	PH-12	ND							D	Residue/Debris	P-02 Ammo. Phosphate Manufacturing Bldg.
937	PH-15	3-5 Mastic	3-5						FT M	12" vlyl floor tile w/ black mastic	P-02 Ammo. Phosphate Manufacturing Bldg.
938	PH-15	3-5 Mastic	3-5						FT M	12" vlyl floor tile w/ black mastic	P-02 Ammo. Phosphate Manufacturing Bldg.
939	PH-16	ND							AT	2'x4' ceiling tile	P-02 Ammo. Phosphate Manufacturing Bldg.
940	PH-16	ND							AT	2'x4' ceiling tile	P-02 Ammo. Phosphate Manufacturing Bldg.
941	PH-17	ND							FD	Fire Door Filler	P-02 Ammo. Phosphate Manufacturing Bldg.
942	PH-17	ND							FD	Fire Door Filler	P-02 Ammo. Phosphate Manufacturing Bldg.
943	PH-19	ND							TI	Tank insulation over chicken wire	P-03 Acid Plant
944	PH-19	ND							TI	Tank insulation over chicken wire	P-03 Acid Plant
945	PH-21	ND							D	Residue/Debris	P-03 Acid Plant
946	PH-21	ND							D	Residue/Debris	P-03 Acid Plant
947	PH-23	5-10	5-10						DI	Mudded insulation over chicken wire & added over fiberglass insulation on exhaust flue	P-03 Acid Plant
948	PH-23	ND							DI	Mudded insulation over chicken wire & added over fiberglass insulation on exhaust flue	P-03 Acid Plant

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
949	P-10	ND							FS	Linoleum - cream	P-10 Dry Room
950	P-10	ND							FS	Linoleum - cream	P-10 Dry Room
951	PH-33	ND							FS	Linoleum (cream)	P-18 Lunch Room
952	PH-33	ND							FS	Linoleum (cream)	P-18 Lunch Room
953	PH-34	<1	<1						DW	Dry wall w/ joint compound	P-18 Lunch Room
954	PH-34	<1	<1						DW	Dry wall w/ joint compound	P-18 Lunch Room
955	PH-35	ND							R	Roof core	P-18 Lunch Room
956	PH-35	ND							R	Roof core	P-18 Lunch Room
957	PH-37	ND							M	Mastic (cream)	P-18 Lunch Room
958	PH-37	ND							M	Mastic (cream)	P-18 Lunch Room
959		ND							MS	Rope material	S-05 Storage Building
960		ND							MS	Rope material	S-05 Storage Building
961		<1	<1						R	Roofing	S-05 Storage Building
962		<1	<1						R	Roofing	S-05 Storage Building
963		<1	<1						R	Roofing; silver paint on black tar/felt	S-07 Brick Shed
964		<1	<1						R	Roofing; silver paint on black tar/felt	S-07 Brick Shed
965		ND							PR	Pipe Lagging	S-82, Blower House Storage
966		ND							PR	Pipe Lagging	S-82, Blower House Storage
967	SH-34	ND							R	Roof	S-61 Cottrell Fan Room
968	SH-34	ND							R	Roof	S-61 Cottrell Fan Room
969	SH-23	ND							PJ	Black jacket over fiberglass piping	S-67, Pressure Leaching Plant
970	SH-23	ND							PJ	Black jacket over fiberglass piping	S-67, Pressure Leaching Plant
971	SH-26	ND							PJ	Black and white pipe wrap	S-69 New and Old Stacks
972	SH-26	ND							PJ	Black and white pipe wrap	S-69 New and Old Stacks

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
973		ND							R	Composite shingle and tar/felt layers	S-32, Cadmium Plant
974		1-3	1-3						R	Composite shingle and tar/felt layers	S-32, Cadmium Plant
975		1-3	1-3						R	Roofing	S-30, Blower House
976		1-3	1-3						R	Roofing	S-30, Blower House
977		ND							R	Roofing	MC-30 Tank (Settling)(2)
978		ND							R	Roofing	MC-30 Tank (Settling)(2)
979		ND							R	Roofing	S-27, Machine Shop and Offices
980		ND							R	Roofing	S-27, Machine Shop and Offices
981		ND							PJ	Pipe jacket (black) over fiberglass	S-27, Machine Shop and Offices
982		ND							PJ	Pipe jacket (black) over fiberglass	S-27, Machine Shop and Offices
1001	ZP-081	10-20	10-20						S	Interior coating on corrugated steel	Z-09 Cottrell
1002	ZP-081	10-20	10-20						S	Interior coating on corrugated steel	Z-09 Cottrell
1003	ZP-081	10-20	10-20						S	Interior coating on corrugated steel	Z-09 Cottrell
1004	ZP-075, ZP-97	ND							MS	Cloth, tightly woven	Z-09 Cottrell
1005	ZP-099	20-30	20-30						TI	Exterior Layer, Hopper Jacket	Z-09 Cottrell
1006	ZP-099	20-30	20-30						TI	Exterior Layer, Hopper Jacket	Z-09 Cottrell
1007	ZP-099	20-30	20-30						TI	Exterior Layer, Hopper Jacket	Z-09 Cottrell
1008	ZP-100	ND							TI	Interior Layer, Hopper Jacket	Z-09 Cottrell
1009	ZP-100	ND							TI	Interior Layer, Hopper Jacket	Z-09 Cottrell
1010	ZP-100	ND							TI	Interior Layer, Hopper Jacket	Z-09 Cottrell
1011	ZP-102	50-60	50-60						TI	Exterior mudded material on check wire	Z-09 Cottrell
1012	ZP-102	NA							TI	Exterior mudded material on check wire	Z-09 Cottrell
1013	ZP-102	NA							TI	Exterior mudded material on check wire	Z-09 Cottrell
1014	ZP-103	ND							TI	Interior glass material	Z-09 Cottrell

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1015	ZP-103	ND							TI	Interior glass material	Z-09 Cottrell
1016	ZP-103	ND							TI	Interior glass material	Z-09 Cottrell
1017	ZP-104	3-5	3-5						TI	Exterior mud on metal lath	Z-09 Cottrell
1018	ZP-104	3-5	3-5						TI	Exterior mud on metal lath	Z-09 Cottrell
1019	ZP-104	3-5	3-5						TI	Exterior mud on metal lath	Z-09 Cottrell
1020	ZP-105	ND							TI	Interior glass material	Z-09 Cottrell
1021	ZP-105	ND							TI	Interior glass material	Z-09 Cottrell
1022	ZP-105	ND							TI	Interior glass material	Z-09 Cottrell
1023	ZP-101	50-60	50-60						G	Rope Gasket	Z-09 Cottrell
1024	ZP-101	50-60	50-60						G	Rope Gasket	Z-09 Cottrell
1025	ZP-101	50-60	50-60						G	Rope Gasket	Z-09 Cottrell
1026	ZP-106	ND							TI	Mud without grey chunks, fourth floor	Z-09 Cottrell
1027	ZP-106	ND							TI	Mud without grey chunks, fourth floor	Z-09 Cottrell
1028	ZP-106	ND							TI	Mud without grey chunks, fourth floor	Z-09 Cottrell
1029	ZP-107	70-80	70-80						G	Gasket in electrical units	Z-09 Cottrell
1030	ZP-107	70-80	70-80						G	Gasket in electrical units	Z-09 Cottrell
1031	ZP-107	70-80	70-80						G	Gasket in electrical units	Z-09 Cottrell
1032	ZP-108	80-90	80-90						G	Rope packing	Z-09 Cottrell
1033	ZP-109	60-70	60-70						MS	Door plate material	Z-09 Cottrell
1034	ZP-109	60-70	60-70						MS	Door plate material	Z-09 Cottrell
1035	ZP-109	60-70	60-70						MS	Door plate material	Z-09 Cottrell
1036	ZP-108	80-90	80-90						G	Rope Packing	Z-09 Cottrell
1037	ZP-110	ND							S	Hard material on exterior of roof exhaust chamber	Z-09 Cottrell
1038	ZP-110	ND							S	Hard material on exterior of roof exhaust chamber	Z-09 Cottrell

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1039	ZP-110	ND							S	Hard material on exterior of roof exhaust chamber	Z-09 Cottrell
1040	ZP-111	30-40	30-40						M	Hard grey fibrous mastic on exhaust door	Z-09 Cottrell
1041	ZP-111	30-40	30-40						M	Hard grey fibrous mastic on exhaust door	Z-09 Cottrell
1042	ZP-111	30-40	30-40						M	Hard grey fibrous mastic on exhaust door	Z-09 Cottrell
1043	ZP-112	1-3	1-3						R	Roofing material	Z-09 Cottrell
1044	ZP-112	1-3	1-3						R	Roofing material	Z-09 Cottrell
1045	ZP-112	1-3	1-3						R	Roofing material	Z-09 Cottrell
1046	ZP-113	ND							MS	Cloth, door cover	Z-10 Roaster Floor
1047	ZP-113	ND							MS	Cloth, door cover	Z-10 Roaster Floor
1048	ZP-113	ND							MS	Cloth, door cover	Z-10 Roaster Floor
1049	ZP-119	ND							TI	Mud surface	Z-10 Roaster Floor
1050	ZP-119	ND							TI	Mud surface	Z-10 Roaster Floor
1051	ZP-119	ND							TI	Mud surface	Z-10 Roaster Floor
1052	ZP-120	ND							TI	Soft, yellow fiberglass undercoat	Z-10 Roaster Floor
1053	ZP-120	ND							TI	Soft, yellow fiberglass undercoat	Z-10 Roaster Floor
1054	ZP-120	ND							TI	Soft, yellow fiberglass undercoat	Z-10 Roaster Floor
1055	ZP-115	1-3	1-3						TI	Hard block exterior; outer insulation	Z-10 Roaster Floor
1056	ZP-115	1-3	1-3						TI	Hard block exterior; outer insulation	Z-10 Roaster Floor
1057	ZP-115	1-3	1-3						TI	Hard block exterior; outer insulation	Z-10 Roaster Floor
1058	ZP-116	ND							TI	Cream inner insulation layer	Z-10 Roaster Floor
1059	ZP-116	ND							TI	Cream inner insulation layer	Z-10 Roaster Floor
1060	ZP-116	ND							TI	Cream inner insulation layer	Z-10 Roaster Floor
1061	K-03	10-20	10-20						CA	Transite flat panels.	Z-10 Roaster Floor
1062	K-03	20-30	20-30						CA	Transite flat panels.	Z-10 Roaster Floor

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1063	ZP-118	ND							TI	White fluffy insulation on chicken wire	Z-10 Roaster Floor
1064	ZP-118	ND							TI	White fluffy insulation on chicken wire	Z-10 Roaster Floor
1065	ZP-118	ND							TI	White fluffy insulation on chicken wire	Z-10 Roaster Floor
1066	ZP-117	ND							AT	12"x12" adhered (puzzle)	Z-10 Roaster Floor
1067	ZP-117	ND							AT	12"x12" adhered (puzzle)	Z-10 Roaster Floor
1068	ZP-117	ND							AT	12"x12" adhered (puzzle)	Z-10 Roaster Floor
1070	ZP-122	ND							M	Grey fiberous caulking	Z-10 Roaster Floor
1071	ZP-122	ND							M	Grey fiberous caulking	Z-10 Roaster Floor
1072	ZP-122	ND							M	Grey fiberous caulking	Z-10 Roaster Floor
1073	ZP-123	10-20		10-20					PR	Mag type	Z-10 Roaster Floor
1074	ZP-124	ND							TI	White with grey on metal lath exterior coating	Z-10 Roaster Floor
1075	ZP-124	ND							TI	White with grey on metal lath exterior coating	Z-10 Roaster Floor
1076	ZP-124	ND							TI	White with grey on metal lath exterior coating	Z-10 Roaster Floor
1077	ZP-125	<1		<1					TI	Grey to cream insulation under lath	Z-10 Roaster Floor
1078	ZP-125	<1		<1					TI	Grey to cream insulation under lath	Z-10 Roaster Floor
1079	ZP-125	<1		<1					TI	Grey to cream insulation under lath	Z-10 Roaster Floor
1080	ZP-123	10-20		10-20					PR	Mag type	Z-10 Roaster Floor
1081	ZP-127	ND							S	Grey texture, bathrooms	Z-10 Roaster Floor
1082	ZP-127	ND							S	Grey texture, bathrooms	Z-10 Roaster Floor
1083	ZP-127	ND							S	Grey texture, bathrooms	Z-10 Roaster Floor
1084	ZP-128	5-10		5-10					PR	Mag type inner layer	Z-10 Roaster Floor
1085	ZP-126	ND							PR	White fluffy over chicken wire	Z-10 Roaster Floor
1086	ZP-126	ND							PR	White fluffy over chicken wire	Z-10 Roaster Floor
1087	ZP-126	ND							PR	White fluffy over chicken wire	Z-10 Roaster Floor

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1088	ZP-129	ND							TI	White fuzzy chicken wire	Z-10 Roaster Floor
1089	ZP-129	ND							TI	White fuzzy chicken wire	Z-10 Roaster Floor
1090	ZP-129	ND							TI	White fuzzy chicken wire	Z-10 Roaster Floor
1091	ZP-130	ND							TI	White insulaiton on metal lath	Z-10 Roaster Floor
1092	ZP-130	ND							TI	White insulaiton on metal lath	Z-10 Roaster Floor
1093	ZP-130	ND							TI	White insulaiton on metal lath	Z-10 Roaster Floor
1094	ZP-131	ND							TI	Soft on chicken wire glass	Z-10 Roaster Floor
1095	ZP-131	ND							TI	Soft on chicken wire glass	Z-10 Roaster Floor
1096	ZP-131	ND							TI	Soft on chicken wire glass	Z-10 Roaster Floor
1097	ZP-133	10-20	10-20						TI	Hard, white on mesh glass under	Z-10 Roaster Floor
1098	ZP-133	10-20	10-20						TI	Hard, white on mesh glass under	Z-10 Roaster Floor
1099	ZP-133	10-20	10-20						TI	Hard, white on mesh glass under	Z-10 Roaster Floor
1100	ZP-135	60-80		10-20	50-60				TI	Blue grey tunnel on chicken wire	Z-10 Roaster Floor
1101	ZP-135	60-80		10-20	50-60				TI	Blue grey tunnel on chicken wire	Z-10 Roaster Floor
1102	ZP-135	60-80		10-20	50-60				TI	Blue grey tunnel on chicken wire	Z-10 Roaster Floor
1103	ZP-132	70-80	70-80						MS	Cloth, loose weave, door gasket stuff	Z-10 Roaster Floor
1104	ZP-132	70-80	70-80						MS	Cloth, loose weave, door gasket stuff	Z-10 Roaster Floor
1105	ZP-132	70-80	70-80						MS	Cloth, loose weave, door gasket stuff	Z-10 Roaster Floor
1106	ZP-137	ND							TI	Soft white material over gray insulation	Z-10 Roaster Floor
1107	ZP-137	ND							TI	Soft white material over gray insulation	Z-10 Roaster Floor
1108	ZP-137	ND							TI	Soft white material over gray insulation	Z-10 Roaster Floor
1109	ZP-136	ND							PR	Black crystal insulation on steel	Z-10 Roaster Floor
1110	ZP-136	ND							PR	Black crystal insulation on steel	Z-10 Roaster Floor
1111	ZP-136	ND							PR	Black crystal insulation on steel	Z-10 Roaster Floor

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1112	ZP-138	ND							MS	Cloth boots, loose weave	Z-10 Roaster Floor
1113	ZP-138	ND							MS	Cloth boots, loose weave	Z-10 Roaster Floor
1114	ZP-138	ND							MS	Cloth boots, loose weave	Z-10 Roaster Floor
1115	ZP-139	ND							TI	White with grey over lath	Z-07 Dryhouse
1116	ZP-139	ND							TI	White with grey over lath	Z-07 Dryhouse
1117	ZP-139	ND							TI	White with grey over lath	Z-07 Dryhouse
1118	K-03	20-30	20-30						CA	Flat Panels	Z-60 Pretreatment Plant
1119	ZP-140	ND							MS	Fiberglass under lath	Z-60 Pretreatment Plant
1120	ZP-140	ND							MS	Fiberglass under lath	Z-60 Pretreatment Plant
1121	ZP-140	ND							MS	Fiberglass under lath	Z-60 Pretreatment Plant
1122	K-03	20-30	20-30						CA	Flat Panels	Z-60 Pretreatment Plant
1123	ZP-141	ND							MS	Tar Paper, thick	Z-60 Pretreatment Plant
1124	ZP-141	1-3	1-3						MS	Tar paper, thick	Z-60 Pretreatment Plant
1125	ZP-141	NA							MS	Tar paper, thick	Z-60 Pretreatment Plant
1126	ZP-143	ND							MS	Black paper	Z-60 Pretreatment Plant
1127	ZP-143	ND							MS	Black paper	Z-60 Pretreatment Plant
1128	ZP-143	ND							MS	Black paper	Z-60 Pretreatment Plant
1129	ZP-142	21-33	20-30	1-3					PF	Mudded Jets	Z-60 Pretreatment Plant
1130	ZP-142	NA							PF	Mudded Jets	Z-60 Pretreatment Plant
1131	ZP-142	NA							PF	Mudded Jets	Z-60 Pretreatment Plant
1132	ZP-144	1-3	1-3						R	Tar paper	Z-08 Rectifier Sub
1133	ZP-113	1-3	1-3						R	Tar paper	Z-08 Rectifier Sub
1134	ZP-113	1-3	1-3						R	Tar paper	Z-08 Rectifier Sub
1135	ZP-070 (SEE	10-20		10-20					PR	Mag, black jacket	Z-61 Wet Scrubber + 2 tanks to the east

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1136	ZP-145	NA							PR	Mag, black jacket	Z-61 Wet Scrubber + 2 tanks to the east
1137	ZP-145	NA							PR	Mag, black jacket	Z-61 Wet Scrubber + 2 tanks to the east
1138	ZP-146	10-20	10-20						TI	Hard black over lath plus glass	Z-61 Wet Scrubber + 2 tanks to the east
1139	ZP-146	NA							TI	Hard black over lath plus glass	Z-61 Wet Scrubber + 2 tanks to the east
1140	ZP-146	NA							TI	Hard black over lath plus glass	Z-61 Wet Scrubber + 2 tanks to the east
1141	ZP-147	40-50	40-50						R	Rolled roofing	Z-10 Roaster Floor
1142	ZP-147	40-50	40-50						R	Rolled roofing	Z-10 Roaster Floor
1143	ZP-147	40-50	40-50						R	Rolled roofing	Z-10 Roaster Floor
1144	ZP-148	10-20	10-20						R	Rolled roof	Z-06 Thaw shed
1145	ZP-148	10-20	10-20						R	Rolled roof	Z-06 Thaw shed
1146	ZP-148	10-20	10-20						R	Rolled roof	Z-06 Thaw shed
1147	ZP-149	10-20	10-20						R	Rolled roof	Z-05 Concentrate Storage
1148	ZP-149	10-20	10-20						R	Rolled roof	Z-05 Concentrate Storage
1149	ZP-149	10-20	10-20						R	Rolled roof	Z-05 Concentrate Storage
1150	K-02	20-30	20-30						CA	Corrugated CA	Z-10 Roaster Floor
1151		ND							MS	Tower and pad liner	Z-42 Cooling Tower
1152		ND							MS	Tower and pad liner	Z-42 Cooling Tower
1153		ND							MS	Pipe (decomposed)	Z-42 Cooling Tower
1154		ND							MS	Pipe (decomposed)	Z-42 Cooling Tower
1155	ZP-005	<1							MS	Tar paper, under K-01 CA shingles	Z-45 MNO2 Addition
1156	ZP-005	<1							MS	Tar paper, under K-01 CA shingles	Z-45 MNO2 Addition
1157		ND							MS	White canvas pipe	Z-32 Processing Plant
1158		ND							MS	White canvas pipe	Z-32 Processing Plant
1159	ZP-019	ND							M	Grey joint compound	Z-32 Processing Plant

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1160	ZP-019	ND							M	Grey joint compound	Z-32 Processing Plant
1161	ZP-004	ND							R	Buildup, silver paper	Z-47 Cell Room
1162	ZP-004	<1							R	Buildup, silver paper	Z-47 Cell Room
1163	ZP-005	ND							MS	tar paper under exterior panels	Z-47 Cell Room
1164	ZP-005	ND							MS	tar paper under exterior panels	Z-47 Cell Room
1165	ZP-004	ND							R	Tar paper silver	Z-34 Melting Room
1166	ZP-004	ND							R	Tar paper silver	Z-34 Melting Room
1167	ZP-004	ND							R	Tar paper silver	Z-34 Melting Room
1168	ZP-023	ND							S	Plaster over expanded metal interior	Z-34 Melting Room
1169	ZP-023	ND							S	Plaster over expanded metal interior	Z-34 Melting Room
1170		ND							MS	White filter cones	Z-34 Melting Room
1171		ND							MS	White filter cones	Z-34 Melting Room
1172	ZP-025	ND							BI	Hard white insulation	Z-34 Melting Room
1173	ZP-025	ND							BI	Hard white insulation	Z-34 Melting Room
1174	ZP-026	ND							BI	Grey Material between fire bricks.	Z-34 Melting Room
1175	ZP-026	ND							BI	Grey Material between fire bricks.	Z-34 Melting Room
1176	ZP-066	40-50	40-50						PR	Brown insulation, black wrap jacket	Z-21 Residue Floor
1177	ZP-066	NA	NA						PR	Brown insulation, black wrap jacket	Z-21 Residue Floor
1178	ZP-067	1-3	1-3						R	Black rolled roofing	Z-21 Residue Floor
1179	ZP-067	1-3	1-3						R	Black rolled roofing	Z-21 Residue Floor
1180	ZP-068	ND							R	Asphalt shingle, green & white.	Z-21 Residue Floor
1181	ZP-068	ND							R	Asphalt shingle, green & white.	Z-21 Residue Floor
1182	ZP-063	ND							R	Tar paper	Z-30 Cadmium Plant
1183	ZP-063	1-3	1-3						R	Tar paper	Z-30 Cadmium Plant

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1184	ZP-089	5-10	5-10						TI	Hard, black insulation on chicken wire	Z-12 Leach floor
1185	ZP-089	5-10	5-10						TI	Hard, black insulation on chicken wire	Z-12 Leach floor
1186	ZP-013	ND							MS	Grey paper	Z-26 Carpenter Shop
1187	ZP-013	ND							MS	Grey paper	Z-26 Carpenter Shop
1188	ZP-005	ND							MS	Tar paper under shingles	Z-26 Carpenter Shop
1189	ZP-005	ND							MS	Tar paper under shingles	Z-26 Carpenter Shop
1190		ND							D	Grey paper in debris file	Z-40 Garage
1191		ND							D	Grey paper in debris file	Z-40 Garage
1192	ZP-053	ND							FS	Dark Brown Patterned Floor Tile	Z-51 Office
1193	ZP-053	ND							FS	Dark Brown Patterned Floor Tile	Z-51 Office
1194	ZP-011	<1	<1						PR	black tar paper wrap	Z-28 Framing Shed
1195	ZP-011	ND	ND						PR	black tar paper wrap	Z-28 Framing Shed
1196	ZP-011	<1	<1						PR	black tar paper wrap	Z-28 Framing Shed
1197	ZP-011	ND							PR	Underneath glass layer	Z-28 Framing Shed
1198	ZP-011	ND							PR	Underneath glass layer	Z-28 Framing Shed
1199	ZP-001	ND							PR	Underneath glass layer	Z-28 Framing Shed
1200	ZP-150	ND							MS	Black fuzzy cloth	Z-50 Reservoir Building
1201	ZP-150	ND							MS	Black fuzzy cloth	Z-50 Reservoir Building
1202	ZP-150	ND							MS	Black fuzzy cloth	Z-50 Reservoir Building
1251		ND							MS	Felt	S-75, Slag Fuming Reservoir
1252		ND							MS	Felt	S-75, Slag Fuming Reservoir
1253		10-20	10-20						PR	Elbow, mud.	S-17C, Effluent Water Plant
1254		NA							PR	Pipe run - glass 6" diam. elbow, mud	S-17C, Effluent Water Plant
1255		NA							PR	Pipe run - glass 6" diam. elbow, mud	S-17C, Effluent Water Plant

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1256		10-20		10-20					PR	Felt wrap 8" diameter, lagging mud on pipe run	S-17C, Effluent Water Plant
1257		13-25	10-20	3-5					PR	Metal jacket lagging	S-17, Zinc Baghouse
1258		20-30	20-30						MS	Expansion joint	S-17, Zinc Baghouse
1259		ND							PR	Felt wrap on fiberglass	S-17, Zinc Baghouse
1260		ND							PR	Felt wrap on fiberglass	S-17, Zinc Baghouse
1261		ND							PR	Felt wrap on fiberglass	S-17, Zinc Baghouse
1262		13-25	10-20	3-5					PR	Mud elbow, metal jacket on run	S-17, Zinc Baghouse
1263		20-40	10-20	10-20					TI	Tank insulation	S-17, Zinc Baghouse
1264		60-70	60-70						MS	Hopper door gasket	S-17, Zinc Baghouse
1265		30-40	30-40						R	Roll with silver paint	S-21, Bedding Plant
1266		30-40	30-40						R	Roll with silver paint	S-21, Bedding Plant
1267		30-40	30-40						R	Roll with silver paint	S-21, Bedding Plant
1268		10-20	10-20						R	Roll hot mop	S-22, Pelletizing Plant
1269		10-20	10-20						R	Roll hot mop	S-22, Pelletizing Plant
1270		10-20	10-20						R	Roll hot mop	S-22, Pelletizing Plant
1271		ND							MS	Felt	S-22, Pelletizing Plant
1272		ND							MS	Felt	S-22, Pelletizing Plant
1273		ND							MS	Felt	S-22, Pelletizing Plant
1274		1-3	1-3						R	Roll Roof	S-17, Zinc Baghouse
1275		1-3	1-3						R	Roll Roof	S-17, Zinc Baghouse
1276		1-3	1-3						R	Roll Roof	S-17, Zinc Baghouse
1277		ND							R	Roll Roof	M-1A, Industrial Hygene Residence
1278		ND							R	Roll Roof	M-1A, Industrial Hygene Residence
1279		ND							R	Roll Roof	M-1A, Industrial Hygene Residence

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1280		ND							R	Comp. Shingles, green	M-1B, Industrial Hygene Facility-Cottage
1281		ND							R	Comp. Shingles	M-1B, Industrial Hygene Facility-Cottage
1282		ND							R	Comp. Shingles	M-1B, Industrial Hygene Facility-Cottage
1283		ND							R	Comp. Shingles	M-1B, Industrial Hygene Facility-Cottage
1284		35	35						CA	Transite shingles	M-1, Industrial Hygiene Dept.
1285		ND							MS	Exterior Siding Felt	M-1, Industrial Hygiene Dept.
1286		ND							MS	Exterior Siding Felt	M-1, Industrial Hygiene Dept.
1287		ND							MS	Exterior Siding Felt	M-1, Industrial Hygiene Dept.
1288		35	35						FS	Sheet Flooring	M-1, Industrial Hygiene Dept.
1289		NA							FS	Sheet Flooring	M-1, Industrial Hygiene Dept.
1290		NA							FS	Sheet Flooring	M-1, Industrial Hygiene Dept.
1291		ND							S	Plaster on Wood Lath	M-1, Industrial Hygiene Dept.
1292		ND							S	Plaster on Wood Lath	M-1, Industrial Hygiene Dept.
1293		ND							S	Plaster on Wood Lath	M-1, Industrial Hygiene Dept.
1294		ND							DW	Sheetrock	M-1, Industrial Hygiene Dept.
1295		ND							DW	Sheetrock	M-1, Industrial Hygiene Dept.
1296		ND							DW	Sheetrock	M-1, Industrial Hygiene Dept.
1297		40	40						PR	Pipe Run Aircell	M-1, Industrial Hygiene Dept.
1298		25	5	20					T	Mud on Tank	M-1, Industrial Hygiene Dept.
1299		65	65						BI	Boiler Insulation Sheet	M-1, Industrial Hygiene Dept.
1300		35	35						FS	Floor Sheet	M-1, Industrial Hygiene Dept.
1301		NA							FS	Floor Sheet	M-1, Industrial Hygiene Dept.
1302		NA							FS	Floor Sheet	M-1, Industrial Hygiene Dept.
1303		35	35						FS	Floor Sheet	M-1, Industrial Hygiene Dept.

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1304		ND							R	Roofing Roll Green mineral surface	M-1, Industrial Hygiene Dept.
1305		ND							R	Roofing Roll Green mineral surface	M-1, Industrial Hygiene Dept.
1306		ND							R	Roofing Roll Green mineral surface	M-1, Industrial Hygiene Dept.
1307		ND							S	Plaster	M-2, Park Corp. Sales Office
1308		ND							S	Plaster	M-2, Park Corp. Sales Office
1309		ND							S	Plaster	M-2, Park Corp. Sales Office
1310		ND							FS	Floor Sheet	M-2, Park Corp. Sales Office
1311		ND							FS	Floor Sheet	M-2, Park Corp. Sales Office
1312		ND							FS	Floor Sheet	M-2, Park Corp. Sales Office
1313		1-2	1-2						DW	Sheetrock with mud	M-2, Park Corp. Sales Office
1314		1-2	1-2						DW	Sheetrock with mud	M-2, Park Corp. Sales Office
1315		1-2	1-2						DW	Sheetrock with mud	M-2, Park Corp. Sales Office
1316		ND							R	Comp Shingles	M-2, Park Corp. Sales Office
1317		ND							R	Comp Shingles	M-2, Park Corp. Sales Office
1318		ND							R	Comp Shingles	M-2, Park Corp. Sales Office
1319		ND							MS	Paper Vapor Barrier	M-2, Park Corp. Sales Office
1320		ND							MS	Paper Vapor Barrier	M-2, Park Corp. Sales Office
1321		ND							MS	Paper Vapor Barrier	M-2, Park Corp. Sales Office
1322		ND							R	Comp. Shingles	M-3A, Garaage
1323		ND							R	Comp. Shingles	M-3A, Garaage
1324		ND							R	Comp. Shingles	M-3A, Garaage
1325		ND							S	Plaster on Wood	M-3, Old Residence
1326		ND							S	Plaster on Wood	M-3, Old Residence
1327		ND							S	Plaster on Wood	M-3, Old Residence

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1328		ND							S	Plaster on Wood	M-3, Old Residence
1329		ND							MS	Felt under wood floor vapor barrier	M-3, Old Residence
1330		ND							MS	Felt under wood floor vapor barrier	M-3, Old Residence
1331		ND							MS	Felt under wood floor vapor barrier	M-3, Old Residence
1332		30	30						FT	Floor Tile	M-3, Old Residence
1333		NA							FT	Floor Tile	M-3, Old Residence
1334		NA							FT	Floor Tile	M-3, Old Residence
1335		1-5	1-5						DW	Sheetrock	M-3, Old Residence
1336		1-5	1-5						DW	Sheetrock	M-3, Old Residence
1337		1-5	1-5						DW	Sheetrock	M-3, Old Residence
1338		30	30						FT	Floor Tile	M-3, Old Residence
1339		NA							FT	Floor Tile	M-3, Old Residence
1340		NA							FT	Floor Tile	M-3, Old Residence
1341		5-10	5-10						FT	Floor Tile	M-3, Old Residence
1342		NA							FT	Floor Tile	M-3, Old Residence
1343		NA							FT	Floor Tile	M-3, Old Residence
1344		30	30						FS	Floor Sheet (linoleum)	M-4, 219 McKinley Residence
1345		NA							FS	Floor Sheet (linoleum)	M-4, 219 McKinley Residence
1346		NA							FS	Floor Sheet (linoleum)	M-4, 219 McKinley Residence
1347		1-3	1-3						FT	Floor Tile	M-4, 219 McKinley Residence
1348		1-3	1-3						FT	Floor Tile	M-4, 219 McKinley Residence
1349		1-3	1-3						FT	Floor Tile	M-4, 219 McKinley Residence
1350		1-3	1-3						FT	Floor Tile	M-4, 219 McKinley Residence
1351		10-15	10-15						FT	Floor Tile	M-4, 219 McKinley Residence

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1352		NA							FT	Floor Tile	M-4, 219 McKinley Residence
1353		NA							FT	Floor Tile	M-4, 219 McKinley Residence
1354		ND							S	Plaster/wood lath	M-4, 219 McKinley Residence
1355		ND							S	Plaster/wood lath	M-4, 219 McKinley Residence
1356		ND							S	Plaster/wood lath	M-4, 219 McKinley Residence
1357		ND							R	Comp Shingles	M-4, 219 McKinley Residence
1358		ND							R	Comp Shingles	M-4, 219 McKinley Residence
1359		ND							R	Comp Shingles	M-4, 219 McKinley Residence
1360		ND							S	Plaster	M-5, Service Station
1361		ND							S	Plaster	M-5, Service Station
1362		ND							S	Plaster	M-5, Service Station
1363		ND							AT	1 x 1 Acoustic Tile	M-5, Service Station
1364		ND							AT	1 x 1 Acoustic Tile	M-5, Service Station
1365		ND							AT	1 x 1 Acoustic Tile	M-5, Service Station
1366		ND							AT	1 x 2 Acoustic Tile	M-5, Service Station
1367		ND							AT	1 x 2 Acoustic Tile	M-5, Service Station
1368		ND							AT	1 x 2 Acoustic Tile	M-5, Service Station
1369		5-10	5-10						R	Roll Comp.	M-5, Service Station
1370		5-10	5-10						R	Roll Comp.	M-5, Service Station
1371		5-10	5-10						R	Roll Comp.	M-5, Service Station
1372		ND							S	Plaster on metal	M-6, Storage Next to Service Station
1373		ND							S	Plaster on metal	M-6, Storage Next to Service Station
1374		ND							S	Plaster on metal	M-6, Storage Next to Service Station
1375		30-40	30-40						S	Plaster.	M-6, Storage Next to Service Station

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1376		ND							R	Roll Comp.	M-6, Storage Next to Service Station
1377		ND							R	Roll Comp.	M-6, Storage Next to Service Station
1378		ND							R	Roll Comp.	M-6, Storage Next to Service Station
1379		50	30	20					PR	Pipe Run, 8" dia. Felt wrap lagging	MP-1
1380		30	10	20					PR	Pipe Elbow, 8" dia. Felt wrap	MP-1
1381		ND							R	Roll Comp. Roof	M-7
1382		ND							R	Roll Comp. Roof	M-7
1383		ND							R	Roll Comp. Roof	M-7
1384		ND							DW	Sheetrock	Z-25 Pipe shop
1385		ND							DW	Sheetrock	Z-25 Pipe shop
1386		ND							DW	Sheetrock	Z-25 Pipe shop
1387		ND							P	Plaster	Z-24 Warehouse
1388		ND							P	Plaster	Z-24 Warehouse
1389		ND							P	Plaster	Z-24 Warehouse
1390		ND							FS	Sheet floor	Z-24 Warehouse
1391		ND							FS	Sheet floor	Z-24 Warehouse
1392		ND							FS	Sheet floor	Z-24 Warehouse
1393		40-50	40-50						PR	Pipe runs	Z-24 Warehouse
1394		40-50	40-50						PR	Pipe runs	Z-24 Warehouse
1395		<1	<1						R	Roll roofing	Z-23 Machine Shop
1396		<1	<1						R	Roll roofing	Z-23 Machine Shop
1397		<1	<1						R	Roll roofing	Z-23 Machine Shop
1398		<1	<1						S	Stucco	Z-23 Machine Shop
1399		<1	<1						S	Stucco	Z-23 Machine Shop

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1400		ND							S	Stucco	Z-23 Machine Shop
1401		25	25						CA	Transite shingles	Z-14 Compressor house
1402		ND							MS	Siding felt	Z-14 Compressor house
1403		ND							MS	Siding felt	Z-14 Compressor house
1404		ND							MS	Siding felt	Z-14 Compressor house
1405		ND							MT	Brick mortar	Z-54 Old Cottrell
1406		ND							MT	Brick mortar	Z-54 Old Cottrell
1407		ND							MT	Brick mortar	Z-54 Old Cottrell
1408		50-60	50-60						MS	Cloth door gasket	Z-54 Old Cottrell
1409		20-30	20-30						MS	Duct door, white fluffy material	Z-54 Old Cottrell
1410		ND							S	Gunnite cementacious surface!	Z-54 Old Cottrell
1411		ND							S	Gunnite cementacious surface!	Z-54 Old Cottrell
1412		ND							S	Gunnite cementacious surface!	Z-54 Old Cottrell
1413		40-50	40-50						R	Roofing roll composition	Z-54 Old Cottrell
1414		40-50	40-50						R	Roofing roll composition	Z-54 Old Cottrell
1415		40-50	40-50						R	Roofing roll composition	Z-54 Old Cottrell
1416		ND							MT	Brick mortar	Z-54 Old Cottrell
1417		ND							MT	Brick mortar	Z-54 Old Cottrell
1418		ND							MT	Brick mortar	Z-54 Old Cottrell
1419		ND							R	Roofing roll comp	Z-58 Fanhouse
1420		ND							R	Roofing roll comp	Z-58 Fanhouse
1421		ND							R	Roofing roll comp	Z-58 Fanhouse
1422		5-10	5-10						FT	9"x9" floor tile and mastic	Z-62 Guard House
1423		5-10	5-10						FT	9"x9" floor tile and mastic	Z-62 Guard House

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1424		5-10	5-10						FT	9"x9" floor tile and mastic	Z-62 Guard House
1425		ND							AT	12"x12" Ceiling Tile	Z-62 Guard House
1426		ND							AT	12"x12" ceiling tile	Z-62 Guard House
1427		ND							AT	12"x12" ceiling tile	Z-62 Guard House
1428		1-3	1-3						DW	Drywall/taping compound	Z-62 Guard House
1429		1-3	1-3						DW	Drywall/taping compound	Z-62 Guard House
1430		1-3	1-3						DW	Drywall/taping compound	Z-62 Guard House
1431		<1	<1						R	Roofing	S-38 Lumber storage building
1431		<1	<1						R	Roofing	Z-62 Guard House
1432		NA							R	Roofing	Z-62 Guard House
1432		NA							R	Roofing	S-38 Lumber storage building
1433		NA							R	Roofing	Z-62 Guard House
1433		NA							R	Roofing	S-38 Lumber storage building
1434		3-5	3-5						R	Roofing	Z-62 Guard House
1434		3-5	3-5						R	Roofing	S-38 Lumber storage building
1435	S-05	ND							R	Rolled roofing	S-37 Lumber shed
1436	S-05	1-3	1-3						R	Rolled roofing	S-37 Lumber shed
1437	S-05	NA							R	Rolled roofing	S-37 Lumber shed
1438		ND							MS	Crushed debris on floor-tan	S-09A addition to S-9
1439		ND							MS	Crushed debris on floor-tan	S-09A addition to S-9
1440		ND							MS	Crushed debris on floor-dark gray	S-09A addition to S-9
1441		ND							MS	Crushed debris on floor-dark gray	S-09A addition to S-9
1442		ND							PR	Insulation around flue	S-12 Cupel Room
1443		ND							PR	Insulation	S-12 Cupel Room

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1444		ND							PR	Insulation	S-12 Cupel Room
1445		ND							MS	Insulation	S-10 Retort Bldg
1446		ND							MS	Insulation	S-10 Retort Bldg
1447	S-06	ND							TI	Blanket insulation loose debris	S-33 Dry Ore Reduction Plant
1448	S-06	ND							TI	Blanket insulation between flue tile	S-33 Dry Ore Reduction Plant
1449	-	40-50	40-50						PR	Pipe insulation aircell < 8"	S-33 Dry Ore Reduction Plant
1450	FP	NA							PR	Pipe insulation aircell < 8"	S-33 Dry Ore Reduction Plant
1451	-	ND							R	Rolled roofing	S-33 Dry Ore Reduction Plant
1452	-	ND							R	Rolled roofing	S-33 Dry Ore Reduction Plant
1453	FP	1-3	1-3						R	Rolled roofing	S-33 Dry Ore Reduction Plant
1454	-	ND							MT	Furnance flue brick mortar	S-33 Dry Ore Reduction Plant
1455	-	ND							MT	Furnance flue brick mortar	S-33 Dry Ore Reduction Plant
1456	-	ND							TI	MAG block insulation on furnace duct	S-33 Dry Ore Reduction Plant
1457	-	ND							TI	MAG block insulation on furnace duct	S-33 Dry Ore Reduction Plant
1458		1-3	1-3						FT	12" vinyl tile	S-08 Change Room
1459		NA							FT	12" vinyl tile	S-08 Change Room
1460		ND							R	Rubber Roll	S-08 Change Room
1461		ND							R	Rubber Roll	S-08 Change Room
1462		ND							R	Rubber Roll	S-08 Change Room
1463		ND							MS	Ceramic tile grout & mastic	S-08 Change Room
1464		ND							MS	Ceramic tile grout & mastic	S-08 Change Room
1465		ND							R	Comp shingle	S-08 Change Room
1466		ND							R	Comp shingle	S-08 Change Room
1467		ND							PR	Pipe run	S-08 Change Room

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1468		ND							PR	Pipe run	S-08 Change Room
1469		ND							PF	6 mudded fittings	S-08 Change Room
1470		ND							MT	Red brick mortar	S-10 Retort Bldg
1471		ND							MT	Red brick mortar	S-10 Retort Bldg
1472		ND							MT	Fire brick mortar	S-10 Retort Bldg
1473		ND							MT	Fire brick mortar	S-10 Retort Bldg
1474		ND							S	Plaster on red brick	S-12 Cupel Room
1475		ND							S	Plaster on red brick	S-12 Cupel Room
1476		5-10	5-10						R	Built up roof with gravel	S-83, Blood Sampling Bldg
1477		NA							R	Built up roof with gravel	S-83, Blood Sampling Bldg
1478		NA							R	Built up roof with gravel	S-83, Blood Sampling Bldg
1479		ND							CP	Construction paper	S-41 Coal & Coke Storage Bins
1480		ND							R	Rolled roofing material	S-41 Coal & Coke Storage Bins
1481	R-S45	ND							R	Rolled Roofing	S-45, Ore and Concerntrate Bins
1482	R-S45	ND							R	Rolled Roofing	S-45, Ore and Concerntrate Bins
1483		ND							R	Roofing - red comp. shingle	S-49 Warehouse
1484		ND							R	Roofing - red comp. shingle	S-49 Warehouse
1485		ND							R	Roofing - gray comp. shingle	S-49 Warehouse
1486		ND							R	Roofing - gray comp. shingle	S-49 Warehouse
1487		ND							MS	Debris looks like TSI	S-49 Warehouse
1488		ND							MS	Debris looks like TSI	S-49 Warehouse
1489	5-05	ND							R	Rolled Roofing	MC-43 Oil House
1490	5-05	ND							R	Rolled Roofing	MC-43 Oil House
1491	5-05	ND							R	Rolled Roofing	MC-43 Oil House

SEQUENTIAL ASBESTOS SAMPLE SUMMARY

Sample No.	H/I	Asbestos	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Type	Description	Building
1492	SH-10	1-3	1-3						R	Roll comp. felt. Rolled Roofing with Silver paint.	S-55 Main Baghouse Blower
1493	SH-10	NA							R	Roll comp. felt. Rolled Roofing with Silver paint.	S-55 Main Baghouse Blower
1494	SH-10	NA							R	Roll comp. felt. Rolled Roofing with Silver paint.	S-55 Main Baghouse Blower
1499		ND							R	Roofing - roll comp.	S-44, Feed Conveyers
1500		ND							R	Roofing - roll comp.	S-44, Feed Conveyers

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FIGURES

6.0 BUILDING LOCATION AND NUMBERING SYSTEM

The figures are being drafted and will be sent under separate cover.

Converse Consultants Mountain Region, Inc.
A Wholly Owned Subsidiary of
The Converse Professional Group

November 14, 1994

Mr. Tom Wise
CCMR/SNAC
4840 Mill Street,Unit 4
Reno, Nevada 89502

Dear Tom,

The Converse Consultants MR (CCMR) laboratory has completed the analysis of bulk samples for the Bunker Hill Asbestos Survey (Project Number 946314071). The following report summarizes the sample volume and quality assurance / quality control (QA/QC) procedures and results.

Sample Volume

Samples submitted to CCMR (1,361 PLM's and 6 PCM's)	1,367
Samples submitted to FRS (104+17 lyrs and 63 QC+17lyrs)	201
CCMR internal QA/QC (15.6%) No additional charge	228
Total number of samples analyzed	1,796

Quality Assurance / Quality Control

Samples were received at the laboratory via Federal Express and were accompanied by a Letter of Transmittal/Chain of Custody form. The Letter of Transmittal included only the client sample number, building number, and sampling date. Each sample was logged into the laboratory sample coordination system and assigned a unique laboratory number.

The samples were analyzed by Polarized Light Microscopy (PLM) by CCMR and FRS Geotech laboratory personnel following a modification of the EPA "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116 and 40 CFR Chapter 1, Part 763, Subpart F, App., P. 293-299). Analysts include Robert A. Woellner and Dan R. Dolk of CCMR, and Ed Raines and Fritz Fischer of FRS Geotech. The following Chain-of-Custody forms are signed by the analyst.

As requested in your September 13, 1994 letter to the undersigned, a variation to the standard NIST-NVLAP protocol was followed in that we did not record or report the percentages of non-asbestos constituents. As discussed, this modification did not diminish the quality of the asbestos identification portion of the analysis. All samples will be archived for a minimum of one year.
Each sample was initially examined under a stereoscopic microscope at a magnification of 10x to 60x. Fibrous material was examined

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for morphology and content. Portions of each sample were immersed in a fluid with a known refractive index. The sample was examined under polarized light using a Nikon or Olympus microscope with a McCrone Dispersion Staining Objective under 100x magnification. Optical characteristics of the fibrous material were examined to determine the mineralogy of the fiber. The observed optical characteristics include angles of extinction, signs of elongation and dispersion staining colors. Asbestos fiber content was visually estimated by optically comparing the quantity of asbestos to non-asbestos material.

CCMR participates in the NIST - National Voluntary Laboratory Accreditation Program (NVLAP). CCMR's laboratory I.D. Number is 2091. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report must not be reproduced except in full with the approval of the laboratory. This report relates only to the items tested.

QA/QC Results

Of the 1,465 original samples received, a total of 228 duplicate and replicate samples were analyzed. This accounts for a total of 15.6 percent blind reanalysis. Although there were variations in the percentage ranges of the asbestos containing materials, we are pleased to report that there were no false positives or false negatives detected. The following table summarizes the QA/QC findings:

Reported False Positives	0%
Reported False Negatives	0%
Internal QA/QC False Pos.	1.6%
Internal QA/QC False Neg.	0.5%
Multiple Asb. Types not I.D'd	1.0%

The internal QA/QC percentages indicate variations within the laboratory or between the laboratories that did not effect the reported values. We are please to report QA/QC results that are well within the method statistical acceptability specified by NIST - NVLAP.

If you have any questions or comments, please contact the undersigned at (303) 935-1573. We look forward to our continued association.

Sincerely,

Robert A. Woellner

Robert A. Woellner
Laboratory Director/ Senior Scientist

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC GUIDE 25:1990
ISO/IEC GUIDE 58:1993
ISO 9002:1994

Certificate of Accreditation

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

CONVERSE CONSULTANTS MR

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BULK ASBESTOS FIBER ANALYSIS

July 1, 1995

Effective until

For the National Institute of Standards and Technology

NVLAP LAB CODE: 2091

United States Department of Commerce
National Institute of Standards and Technology

NVLAP

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DENVER, CO

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BULK ASBESTOS FIBER ANALYSIS

January 1, 1995
Effective until

DEPARTMENT OF COMMERCE · UNITED STATES OF AMERICA

For the National Institute of Standards and Technology

NVLAP LAB CODE: 2078

National Institute of Standards and Technology

NVLAP

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION

BULK ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 2078**

FRS Geotech, Inc.
1441 West 46th Avenue
Suite 14
Denver, CO 80211-2338
J. Fritz Fischer Phone: 303-477-2559

Accreditation Renewal Date: January 1, 1995

NVLAP Code	*Designation*
18/A01	40 Code of Federal Regulations Chapter I (1-1-87 edition) Part 763, Subpart F, Appendix A or the current U. S. Environmental Protection Agency method for the analysis of asbestos in building materials by polarized light microscopy.

DEPARTMENT OF COMMERCE • UNITED STATES OF AMERICA

For the National Institute of Standards and Technology

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	Bldg S-49 SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4159	1. 0603	10-14-94		3-5 30-40	Chry Amosite
4160	2. 0604			10-20	Chry
4161	3. 0605			60-70	Chry
4162	4. 0606			ND	
4163	5. 0607		sample to first positive	ND	
4164	6. 0608			ND	
4165	7. 0609			10-20	Chry
4166	8. 0610			ND	
4167	9. 0611			ND	
4168	10. 0612		sample to first positive	ND	
4169	11. 0613			ND	
4170	12. 0614			60-70	Chry
4171	13. 0615	10-14-94		20-30	Chry

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/14/94 / 18:38	Date/Time:	Date/Time: 10/17/94 930	Date/Time: 10/17/94	Date/Time:
Received By:	Received By: Fed EX	Received By: CIA	Received By:	Received By:

Special Notes:

1 of 2

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4172	1. 0616	10-14-94		5-10	Chry
4173	2. 0617	10-14-94		3-5%	Chry
	3.				
	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: Terlee Relinquished By: TNW Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/14/94 - 1838 Date/Time: Date/Time: 10/14/94 930 Date/Time: 1708 94 Date/Time:
Received By: T. M. W. Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	S-56 SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4151	1. 0595	10/14/94		ND	
4152	2. 0596			40-50	chy
4153	3. 0597		Sample to first positive		
4154	4. 0598				
4155	5. 0599			ND	
4156	6. 0600		Sample to first positive	1-3	chy
4157	7. 0601				
4158	8. 0602	10/14/94		ND	
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: Terlin Date/Time: 10/14/94 1830 Received By: Tom H Walter

Relinquished By: T. H. W. Date/Time: 10-14-94 Received By: Fed Ex

Relinquished By: Fed Ex Date/Time: 10/17/94 930 Received By: CH

Relinquished By: CH Date/Time: 170 94 Received By: [illegible]

Relinquished By: Date/Time: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	Bldg S-55 SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4149	1. 0593	10/14/94		20-30	Chry
4150	2. 0594	10/14/94		70-80	Chry
	3.				
	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: [signature]	Relinquished By: TNW	Relinquished By: Fed Ex	Relinquished By: [signature]	Relinquished By:
Date/Time: 10/14/94 1830	Date/Time: 7	Date/Time: 10/17/94 930	Date/Time: 1700 97	Date/Time:
Received By: [signature]	Received By: Fed Ex	Received By: CH	Received By: [signature]	Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4148	1. 0592	10/14/94		20-30	Amosite
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: Fed Ex	Relinquished By: [illegible]	Relinquished By:
Date/Time: 10/14/94 1958	Date/Time: 10.14.94	Date/Time: 10/17/94 930	Date/Time: 17 [illegible]	Date/Time:
Received By: Tom K Walter	Received By: Fed Ex	Received By: CM	Received By: [illegible]	Received By:

Special Notes:

FROM : CCMR CONSULTANTS PHONE NO. : 206 366 1165 Oct. 17 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4115	1. 374	10/14/94	2 layers Roofing Material	ND	
4116	2. 375		Linoleum Backing	ND	
4117	3. 376		Analyze to first Asbestos 376, 377, 384	ND	
4118	4. 377		Group with 384	ND	
4119	5. 378		Analyze to first Positive 378, 381, 385	ND	
4120	6. 379		Analyze to first Positive 379, 382, 386	ND	
4121	7. 380		Analyze to first Positive 380, 383, 387	ND	
4122	8. 381		See 383	ND	
4123	9. 382		see 379	ND	
4124	10. 383		see 380	ND	
4125	11. 384		see 377	ND	
4126	12. 385		see 380	ND	
4127	13. 386		see 379	ND	

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/14/94 1907	Date/Time: Jan 14-94	Date/Time: 10/17/94 9:30	Date/Time: 10/17/94 @ 2:30	Date/Time: 10/17/94 @ 2:30
Received By:	Received By: Fed Ex	Received By: CH	Received By:	Received By: to Storage

Special Notes: Bld Z-51

1 of 3

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4128	1. 387	10/14/94	see 380 (380, 383, 387)	ND	
4129	2. 388		Analyze to first Asbestos 388, 389, 391 FT	<1	chrysotile
4130	3. 389		see 388	1-3	Chrysotile
4131	4. 390			ND	
4132	5. 391		See 388		
4133	6. 392		Analyze to first Positive Cove & Cove base Mastic	Cove ND Mastic 3-5	Chrysotile
4134	7. 393		see 392		
4135	8. 394		see 392		
4136	9. 395		Analyze to first Positive 395, 396, 397 F.T. & Mastic	Tile 3-5 Mastic 1-3	chrysotile chrysotile
4137	10. 396				
4138	11. 397				
4139	12. 398		Analyze to first Positive (398, 399, 400) F.T. & Mastic	ND	
4140	13. 399		See 398	ND	

← could be picked up from F.T.

Relinquished By: [signature] Date/Time: 10/14/94 1907 Received By: _____

Relinquished By: [signature] Date/Time: 10-14-94 Received By: Fed Ex

Relinquished By: Fed Ex Date/Time: 10/17/94 930 Received By: CH

Relinquished By: CH Date/Time: 10/17/94 @ 2:30 Received By: [signature]

Relinquished By: [signature] Date/Time: 10/17/94 @ 2:30 Received By: To Storage

Special Notes: Bld Z-51

2 of 3

FROM : CCMR*Boise*Idaho*** PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4141	1. 400	10/14/94	See 398	ND	
4142	2. 401		Analyze to first Positive 401, 402, 403	ND	
4143	3. 402		se	ND	
4144	4. 403			ND	
4145	5. 404		Analyze to first Positive 404, 405, 406	<1%	chrysotile
4146	6. 405			1-3	chrysotile
4147	7. 406				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

K 10/14/94

Relinquished By:	Relinquished By: T. N. W.	Relinquished By: FED Ex	Relinquished By: CH	Relinquished By: K. Wells
Date/Time: 10/14/94 1408	Date/Time: 10-14-94	Date/Time: 10/17/94 2:30	Date/Time: 10/17/94@12:30	Date/Time: 10/17/94@2:30
Received By:	Received By: Fed Ex	Received By: CH	Received By: K. Wells	Received By: to storage

Special Notes: Bld Z-51

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 388 1165 Oct. 13 1994 02:55PM P2

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4112	1. 371	10/14/94	Analyze to first Asbestos	3-5	chrysotile
4113	2. 372	↓	↓		
4114	3. 373	↓	↓		
	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

10/14/94

Relinquished By: [illegible]	Relinquished By: T. A. W.	Relinquished By: Fed Ex	Relinquished By: CU	Relinquished By: [illegible]
Date/Time: 10/14/94 1919	Date/Time:	Date/Time: 10/17/94 930	Date/Time: 10/17/94 @ 1130	Date/Time: 10/17/94 @ 12
Received By:	Received By: Fed Ex	Received By: CU	Received By: [illegible]	Received By: tostinger

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4110	1. 3-26	10/13/94		60-70	Chrysotile
4111	2. 370	10/14/94		50-60	chrysotile
	3.				
	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

10/14/94

Relinquished By: [signature]	Relinquished By: T.M.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By: [signature]
Date/Time: 10/14/94 1839	Date/Time: 10-14-94	Date/Time: 10/17/94 930	Date/Time: 10/17/94 11:00	Date/Time: 10/17/94 @ 11:15
Received By:	Received By: Fed Ex	Received By: CH	Received By: R-Wiele	Received By: [signature] to storage

Special Notes: Bld Z-49

1 of 1

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4095	1. 355	10/14/94	Transite	20-30 10-20	chrysotile crocidolite
4096	2. 356		Transite	30-40	Chrysotile
4097	3. 357		wrap/weave	50-90	Chrysotile
4098	4. 358				
4099	5. 359				
4100	6. 360		Analyze to first Positive Felt	ND	
4101	7. 361			ND	
4102	8. 362			ND	
4103	9. 363			ND	
4104	10. 364		Analyze to first Positive CT	ND	
4105	11. 365		CT	ND	
4106	12. 366		CT	ND	
4107	13. 367		Analyze to first Positive Sheetrock	ND	

QA/QC
SD

Relinquished By:	Relinquished By: T. R. W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By: R. Wiel
Date/Time: 10/14/94 1833	Date/Time: 10-14-94	Date/Time: 10/17/94 930	Date/Time: 10/17/94 @ 9:40	Date/Time: 10/17/94 @ 11:00
Received By:	Received By: Fed Ex	Received By: CH	Received By: R. Wiel	Received By: to Storage

Special Notes: Bld. Z-40

1 of 2

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4108	1. 368	10/14/94	first Positive	ND	
4109	2. 369	10/14/94		ND	
	3.				
	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

JK 10/14/94

Relinquished By: [signature]	Relinquished By: T.M.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By: R. Wall
Date/Time: 10/14/94 1834	Date/Time: 10-14-94	Date/Time: 10/17/94 930	Date/Time: 10/17/94 @ 9:45	Date/Time: 10/17/94 @ 11
Received By:	Received By: Fed Ex	Received By: CH	Received By: R. Wall	Received By: to storage

Special Notes: Bld Z-40

2 of 2

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE	QA/QC
4065	1. 000105	10/14/94	TEST TO FIRST POSITIVE	ND		
4066	2. 000106			ND		
4067	3. 000107			<1	Chry	RW <1
4068	4. 000108		TEST TO FIRST POSITIVE	5-10	Chry	
4069	5. 000109					
4070	6. 000110					
4071	7. 000111		TEST TO FIRST POSITIVE	ND		
4072	8. 000112			ND		
4073	9. 000113			ND		
4074	10. 000114		TEST TO FIRST POSITIVE	5-10	Chry	
4075	11. [illegible]					
4076	12. 000116					
4077	13. 000117			80-90		

Relinquished By: [illegible] Relinquished By: T N W Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/14/94 @ 1800 Date/Time: 10-14-94 Date/Time: 10-17-94 930 Date/Time: 170[illegible] 100 Date/Time:
Received By: Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes:

2 of 3

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4078	1. 000118	10/14/94	TEST TO FIRST POSITIVE	1-3	Chry
4079	2. 000119				
4080	3. 000120				
4081	4. 000121			3-5	Chry
4082	5. 000122			1-3 20-30	Chry Amosite
4083	6. 000123		TEST TO FIRST POSITIVE	ND	
4084	7. 000124			ND	
4085	8. 000125			ND	
4086	9. 000126		TEST TO FIRST POSITIVE	1-3	Chry
4087	10. 000127				
4088	11. 000128				
4089	12. 000129		HOMOGEONIZE !	<1	Chry
4090	13. 000130			ND	

QA/QC
3-5 RW

Relinquished By: [signature] Date/Time: 10/14/94 @ 1830 Received By:
Relinquished By: T.M.W. Date/Time: 10-14-94 Received By: Fed Ex
Relinquished By: Fed Ex Date/Time: 10/17/94 930 Received By: CH
Relinquished By: CH Date/Time: 17 [illegible] Received By: [illegible]
Relinquished By: Date/Time: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4091	1. 000131	10/14/94		<1	Chry
4092	2. 000132	↓		20-30	Chry
4093	3. 000133	↓		<1	Chry
4094	4. 000134	↓		20-30	Chry
4174	5. 000135			<1	Amosite
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: [signature] Date/Time: 10/14/94 @ 1830 Received By:
Relinquished By: T.A.W. Date/Time: 10-14-94 Received By: Fed Ex
Relinquished By: Fed Ex Date/Time: 10/17/94 930 Received By: [signature]
Relinquished By: [signature] Date/Time: 12/[illegible]/94 Received By: [signature]
Relinquished By: Date/Time: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4055	1. 0582	10-13-94		1-3	Chry
4056	2. 0583			<1	Chry
4057	3. 0584		Top layer lower layer	1-3 ND	Chry
4058	4. 0585			<1	Chry
4059	5. 0586			ND	
4060	6. 0587			ND	
4061	7. 0588			20-30	Chry
4062	8. 0589			<1	Chry
4063	9. 0590			ND	
4064	10. 0591			ND	
	11.				
	12.				
	13.				

Relinquished By: [signature] Relinquished By: Fed X Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10-14-94 Date/Time: 1500 [illegible] Date/Time: Date/Time: Date/Time:
Received By: Fex X Received By: [signature] Received By: Received By: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

	CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	4037	1. 0559	10-13-94	"Dirt"	ND	
	4038	2. 0560		"	ND	
	4039	3. 0561			1-3%	Chrysotile
	4040	4. 0562			1-3%	chrysotile
4041	~~4040~~	5. 0563		Sample bag Labeled 0663 KDW 10/13/94 S-57	3-5%	chrysotile
4042	~~4041~~	6. 0564			ND	
4043	~~4042~~	7. 0565		white Insulation Powder	50-60	Actinolite ← yes QC Actinolite
4044	~~4043~~	8. 0566		Insul.	60-70	Chrysotile
4045	~~4044~~	9. 0567		Brick Grout	ND	
4046	~~4045~~	10. 0568			ND	
4047	~~40~~	11. 0569			ND	
	4048	12. 0570			ND	
	4049	13. 0571			ND	

yes act.

Relinquished By: K. Wenks	Relinquished By: Fed X	Relinquished By: DD	Relinquished By: K. Wenks	Relinquished By:
Date/Time: 10/14/94	Date/Time: 150 ft 84 0900	Date/Time: 10/15/94 3:00 pm	Date/Time: 10/15/94 @ 5:00	Date/Time:
Received By: Fed X	Received By: DD	Received By: K. Wenks	Received By: to storage	Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4050	1. 0572	10-13-94		ND	
4051	2. 0573		Loose Insul. = Fiberglass, Woven Material ≅ 90% chrysotile	50-60	Chrysotile
4052	3. 0574		Cementitious	ND	
4053	4. 0575			ND	
4054	5. 0576			ND	
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: [signature] Relinquished By: Fed x Relinquished By: [signature] Relinquished By: R. Wooden Relinquished By:
Date/Time: 10-13-94 Date/Time: 15 Oct 94 0900 Date/Time: 10/15/94 @ 3 Date/Time: 10/15/94 @ 5 Date/Time:
Received By: Fed x Received By: [signature] Received By: R. Wooden Received By: to Stringo Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4032	1. 0577	10-13-94		ND	
4033	2. 0578			ND	
4034	3. 0579			ND	
4035	4. 0580			20-30	chry
4036	5. 0581		Top layer Combined All layers	1-3 <1	chry chry
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/14/94 Date/Time: 10/08/94 0900 Date/Time: Date/Time: Date/Time:
Received By: [illegible] Received By: [illegible] Received By: Received By: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4015	1. 338	10/13	"Transite"	30-40% 3-5%	chrysotile Amosite
4016	2. 339			ND	
4017	3. 340		Roofing felt/Tar paper	3-5%	Chrysotile
4018	4. 341		Test to first Positive F.T.	3-5%	chrysotile
4019	5. 342		" ↓ ↓		
4020	6. 343		Linoleum Backing	30-40%	chrysotile
4021	7. 344		see Ln. 4	3-5%	Chrysotile
4022	8. 345		C.T.	ND	
4023	9. 346			20-30%	Chrysotile
4024	10. 347		C.T	ND	
4025	11. 348		C.T.	ND	
4026	12. 349		Test to first Positive Sheetrock	ND	
4027	13. 350		see 12 Ln. ✓	ND	

QC [illegible]

Relinquished By: [illegible] Date/Time: 10/14/94 840 Received By: Fed K
Relinquished By: Fed X Date/Time: 15 Oct 94 090 Received By: [illegible]
Relinquished By: [illegible] Date/Time: 10/15/94 @ 1:30 Received By: R. Wacker
Relinquished By: R. Wacker Date/Time: 10/15/94 @ 3:30 Received By: to storage
Relinquished By: Date/Time: Received By:

Special Notes:

17

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4028	1. 351	10/13	See ln. 12 P.1 Sheetrock and Paper = None Detected Brown "Mastic" 10-20% chry.	ND 10-20%	Chrysotile in Mastic
4029	2. 352		first Asbestos C.T.	ND	
4030	3. 353		C.T.	ND	
4031	4. 354	10/13		ND	
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: Fed X Date/Time: 15 Oct 900 Received By: [illegible]

Relinquished By: DP Date/Time: 10/15/94 @ 1:30 Received By: R. Wall

Relinquished By: R. Wall Date/Time: 10/15/94 @ 3:00 Received By: to Storage

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4013	1. ~~337~~ 336	10/13/94	Note: Sample Bag Labeled 336 ZP100 10/13/94 JFK	3-5	Chrysotile
4014	2. ~~338~~ 337	10/13/94	" " " 337 " " "	20-30	Chrysotile
	3.				
	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

10/14/94

Relinquished By: [illegible] Date/Time: 10/14/94 0917 Received By: Fed X

Relinquished By: Fed X Date/Time: 150 [illegible] 94 Received By: [illegible]

Relinquished By: DD Date/Time: 10/15/94 [illegible] Received By: R. Wheeler

Relinquished By: R. Wheeler Date/Time: 10/15/94 @ 1:15 Received By: to Storage

Relinquished By: Date/Time: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE	QA/QC
4004	1. 327	10/13/94		1-3	chry	RW
4005	2. 328		first Asbestos	ND		
4006	3. 329			ND		
4007	4. 330			ND		
4008	5. 331			<1	chry	RW QA/QC
4009	6. 332		first Asbestos	ND		
4010	7. 333			ND		
4011	8. 334			ND		RW
4012	9. 335			60-70	chry	
	10.					
	11.		JS 10/14/94			
	12.					
	13.					

Relinquished By: [signature] Relinquished By: Fed X Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/14/94 0902 Date/Time: 150294 0900 Date/Time: Date/Time: Date/Time:
Received By: Fed X Received By: [signature] Received By: Received By: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4001	1. 323	10/13/94	first Asbestos FT	1-3%	chrysotile
4002	2. 324				
4003	3. 325	10/13/94			
	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: Fed X Relinquished By: DD Relinquished By: R. Woelle Relinquished By: Relinquished By:
Date/Time: 150884900 Date/Time: 10/15/94 @ 2 Date/Time: 10/15/94 @ 2:30 Date/Time: Date/Time:
Received By: SD Received By: R. Woelle Received By: R. Woelle Received By: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3997	1. 318	10/13/94	first Asbestos FT	ND	
3998	2. 319		F.T	ND	
3999	3. 320		F.T	ND	
4000	4. 322		Cementitious	ND	
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

K 10/14/94

Relinquished By: [illegible] Date/Time: 10/14/94 0906 Received By: [illegible] X

Relinquished By: Fed X Date/Time: 150 day 900 Received By: [illegible]

Relinquished By: DP Date/Time: 10/15/94 @ 1 Received By: R. Woelke

Relinquished By: R. Woelke Date/Time: 10/15/94 @ 2 Received By: to storage

Relinquished By: Date/Time: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3992	1. 314	10/13/94	Cementitious	ND	
3993	2. 315		"	ND	
3994	3. 316		"	ND	
3995	4. 317		Insulation	30-40	Chrysotile
3996	5. 321		Cement, Iron & Paint	ND	
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

10/14/94

Relinquished By: [signature] Date/Time: 10/14/94 0920 Received By: Fedx
Relinquished By: Fedx Date/Time: 150 Oct 94 800 Received By: [signature]
Relinquished By: [signature] Date/Time: 10/15/94 @ 1[illegible] Received By: [signature]
Relinquished By: [signature] Date/Time: 10/15/94 @ 1:30 Received By: to storage
Relinquished By: Date/Time: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3977	1. 299	10/13/94	wet Insulation	ND	
3978	2. 300		Wet "Mortar"	ND	
3979	3. 301		wet	ND	
3980	4. 302		Insulation	30-40	Chrysotile
3981	5. 303		cementitious	ND	
3982	6. 304		cementitious	ND	
3983	7. 305	10/13/94	Note: Bag Labeled 298 Z-34 10/12/94 JFK	60-70	chrysotile
	8.				
	9.		JFK 10/14/94		
	10.				
	11.				
	12.				
	13.				

Relinquished By: [signature] Date/Time: Tuesday 0853 Received By: Fed X

Relinquished By: Fed X Date/Time: 150 day 900 Received By: [signature]

Relinquished By: PD Date/Time: 10/15/94 @ 11 am Received By: R. Woelk

Relinquished By: R. Woelk Date/Time: 10/15/94 @ 1 Received By: to storage

Relinquished By: Date/Time: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3984	1. 306	10/13/94		ND	
3985	2. 307		Mineral wool	ND	
3986	3. 308		Fiberglass	ND	
3987	4. 309		Cementitious	ND	
3988	5. 310		~~Tile~~, Fiberglass, Mineral wool, Wallboard	ND	
3989	6. 311		first Positive Aggregate	ND	
3990	7. 312		Aggregate	ND	
3991	8. 313		Aggregate	ND	
	9.				
	10.				
	11.		10/14/94		
	12.				
	13.				

QC

Relinquished By: [illegible] Date/Time: 10/14/94 0853 Received By: [illegible]

Relinquished By: FedEX Date/Time: 14 Oct 94 900 Received By: [illegible]

Relinquished By: DP Date/Time: 10/15/94 @ 11[illegible] Received By: R. Weeks

Relinquished By: R. Weeks Date/Time: 10/15/94 @ 1[illegible] Received By: to Storage

Relinquished By: Date/Time: Received By:

Date/Time: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3947	1. 000 075	10/13/94		30-40	chry
3948	2. 000 076	↓	1 bundle	<1	chry
3949	3. 000 077	↓		ND	
3950	4. 000 078	↓		40-50	chry
3951	5. 000 079	↓		20-30	chry
3952	6. 000 080	↓		5-10	chry
3953	7. 000 081	↓		20-30	chry
3954	8. 000 082	↓		ND	
3955	9. 000 083	↓		30-40	chry
3956	10. 000 084	↓		30-40	Amosite
3957	11. 000 085	↓		10-20	chry
3958	12. 000 086	↓		70-80	chry
3959	13. 000 087	✓		1-3 10-20	Crocidolite Amosite

Relinquished By: [illegible]	Relinquished By: Fed X	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/14/94 @ 0830	Date/Time: 15 Oct 94 @ 900	Date/Time:	Date/Time:	Date/Time:
Received By: Fed X	Received By: [illegible]	Received By:	Received By:	Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3960	1. 000 088	10/13/94		60-70	Chry
3961	2. 000 089			3-5	Chry
3962	3. 000 090			ND	
3963	4. 000 091		TEST TO FIRST POSITIVE felt	ND	
3964	5. 000 092			ND	
3965	6. 000 093			ND	
3966	7. 000 094			felt ND insul 50-60	
3967	8. 000 095			10-20 3-5	Chry Amosite
3968	9. 000 096			20-30 1-3	Chry Amosite
3969	10. 000 097			10-20	Chry
3970	11. 000 098		TEST TO FIRST POSITIVE	1-3	Chry
3971	12. 000 099				
3972	13. 000 100				

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/14/94 @ 0930 Date/Time: 10/14/94 @ 0900 Date/Time: Date/Time: Date/Time:
Received By: [illegible] Received By: [illegible] Received By: Received By: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3973	1. 000101	10/13/94	TEST To First Positive	ND	
3974	2. 000102	↓	↓	ND	
3975	3. 000103	↓	↓	ND	
3976	4. 000104	↓	6 layer layer # 3 Total ⇔	<1 1-3	chry chry
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: [illegible]	Relinquished By: Felix	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/14/94 @ 0830	Date/Time: 10/14/94 @ 0900	Date/Time:	Date/Time:	Date/Time:
Received By: Felix	Received By: [illegible]	Received By:	Received By:	Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3891	1. 000290		1 bundle in preps	<1	Chry
3892	2. 000291			80-90	Chry
3893	3. 000292			80-90	Chry
3894	4. 000289			ND	
3895	5. 000293		Stop 1st Positive	10-20	Chry
3896	6. 000294			40-50	Chry
3897	7. 000295				
3898	8. 000296			ND	
3899	9. 000297			40-50	Chry
3900	10. 000281			ND	
3901	11. 000282			ND	
3902	12. 000284			ND	
3903	13. 000285			ND	

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/14/94 930	Date/Time: 1400 10/14/94	Date/Time:	Date/Time:	Date/Time:
Received By: CH	Received By:	Received By:	Received By:	Received By:

Special Notes: Analyze the following to 1st positive (271,272)(274,275), ~~(283,284,285)~~, ~~(293,294,295)~~

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3904	1. 000271		1st Positive	1-3	Chry
3905	2. 000272				
3906	3. 000273			30-40	chry
3907	4. 000274			1-3	chry
3908	5. 000275			<1	chry
3909	6. 000276			ND	
3910	7. 000277			ND	
3911	8. 000278			ND	
3912	9. 000279			40-50	Chry
3913	10. 000280			5-10 10-20	Chry Amosite
	11.				
	12.				
	13.				

Relinquished By: Fed Ex Relinquished By: CH Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/14/94 930 Date/Time: 10/14/94 Date/Time: Date/Time: Date/Time:
Received By: CH Received By: Received By: Received By: Received By:

Special Notes: Analyze the following to 1st positive ~~(271,272)~~, ~~(274,275)~~, ~~(283,284,285)~~, ~~(293,294,295)~~

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3873	1. 0541			20-30%	Chrysotile
3874	2. 0542			ND	
3875	3. 0543			40-50%	Chrysotile
3876	4. 0544			ND	
3877	5. 0545			10-20	Chrysotile
3878	6. 0546			5-10	Chrysotile
3879	7. 0547			5-10	Chrysotile
3880	8. 0548			70-80	Chrysotile
3881	9. 0549		Chrysotile bundles in grey "bumpy" layers	1-3%	Chrysotile
3882	10. 0550		Test to First Pos		
3883	11. 0551				
3884	12. 0552			60-70	Chrysotile
3885	13. 0553			3-5%	Chrysotile

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By: R. Woodie	Relinquished By:	Relinquished By:
Date/Time: 10/14/94 930	Date/Time: 10/14/94 2"	Date/Time: 10/14/94 @ 4:02	Date/Time:	Date/Time:
Received By: CH	Received By: R. Woodie	Received By: to storage	Received By:	Received By:

Special Notes: Test to 1st positive within the following groups: (0549-0551), (0555-0556), (0557-0558)

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3886	1. 0554		Transite	40-50	chrysotile
3887	2. 0555			ND	
3888	3. 0556			ND	
3889	4. 0557			ND	
3890	5. 0558			ND	
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By: R. Walker	Relinquished By:	Relinquished By:
Date/Time: 10/14/94 930	Date/Time: 10/14/94 730	Date/Time: 10/14/94 5	Date/Time:	Date/Time:
Received By: CH	Received By: R. Walker	Received By: to storage	Received By:	Received By:

Special Notes: Test to 1st positive within the following groups: (0549-0551), (0555-0556), (0557-0558)

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3843	1. 000045			1-3	Chry
3844	2. 000046			1-3	chry
3845	3. 000047			ND	
3846	4. 000048			5-10	Chry
3847	5. 000049			20-30	Chry
3848	6. 000050			ND	
3849	7. 000051			ND	
3850	8. 000052			ND	
3851	9. 000053			ND	
3852	10. 000054			ND	
3853	11. 000055			ND	
3854	12. 000056			5-10	chry
3855	13. 000057			ND	

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/14/94 930	Date/Time: 1400	Date/Time:	Date/Time:	Date/Time:
Received By: CH	Received By:	Received By:	Received By:	Received By:

Special Notes: For sample groups (000050 → 000052) and (000053 → 000055) analyze to the 1st positive.

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3856	1. 000058			10-20	chry
3857	2. 000059			70-80	Chry
3858	3. 000060			10-20	chry
3859	4. 000061			80-90	chry
3860	5. 000062			70-20	chry
3861	6. 000063			70-80	Chry
3862	7. 000064			ND	
3863	8. 000065			ND	
3864	9. 000066			ND	
3865	10. 000067		1 bundle in 6 preps	<1	Chry
3866	11. 000068			40-80	chry
3867	12. 000069			ND	
3868	13. 000070			ND	

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/14/94 930	Date/Time: 1400	Date/Time:	Date/Time:	Date/Time:
Received By: CH	Received By:	Received By:	Received By:	Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3869	1. 000071			ND	
3870	2. 000072			ND	
3871	3. 000073			1-3	Chry
3872	4. 000074			ND	
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: Fed Ex Relinquished By: CH Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/14/94 930 Date/Time: 1430 Date/Time: Date/Time: Date/Time:
Received By: CH Received By: Received By: Received By: Received By:

Special Notes:

Sierra Nevada Asbestos Consultants, Inc (702) 856-4446
4840 Mill Street, Unit 5 Reno, Nevada 89502 Fax (702) 856-3513

Sample Transmittal Form

Project Name: BUNKER HILL ASBESTOS SURVEY
Contact Person: TED ICE
Special Notes:
Project Number: 9462-140-01
Date Sampled: 10/12/94
Contact Phone Number: 208-784-2503

Analysis Type: (Please Circle)	PCM-Air:	PLM-Bulk:	TEM:		GC
	NIOSH 7400 Method	Standard EPA Method	Air	Water	AA
	Other Method	Point Count Method	Bulk	Other	Others

Turn-A-Round Time: (Circle) RUSH (24 Hours) 2 Days 1 Week
If PLM Sample, Test to First Positive: Yes No
Requested: (Verbals) Fax
Samples Collected By: TED ICE
Sample Type **: Background Pre-Abatement During Clearance
Page of

Laboratory Number	Sample Number	Sample Location	Sample Description	Type ** Pump #	Time Started	Time Ended	Total Minutes	Flow Rate	Volume (liters)	Analyst	Fibers Fields	F/mm2	F/cc
94631406 3841	1 00998139	GARY GOYETTE PHOSPHATE PLANT	DURING ACM SURVEY	P-6	0920	11:26	126	1.019 .90 .96	121		7/100	8.9	<.040
3842	2 00998140	GARY GOYETTE ~~PLANT~~ Lunch Room	DURING ACM SURVEY of Lunch room / Thin Paperwork	P-6	1348	1702	194	0.90 0.85	168		19/100	24.2	.055
	3												
	4												
	5												
	6												
	7												
	8												
	9												
	10												

Relinquished By:	Relinquished By: Fed Ex	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time:	Date/Time: 10/14/94 930	Date/Time:	Date/Time:	Date/Time:
Received By:	Received By:	Received By:	Received By:	Received By:

White = S.N.A.C. Copy / Yellow = Laboratory File Copy / Pink = Laboratory Sample Copy

Rev. APR 92, SNACTRAN XLS

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3788	1. 0501			40-50 10-20	Amosite Chrysotile
3789	2. 0502			ND	
3790	3. 0502B			ND	
3791	4. 0502C			ND	
3792	5. 0503			ND	
3793	6. 0503B			ND	
3794	7. 0503C		~~Bag~~ a	ND	
3795	8. 0504		note: Bag labeled 5-40 KDW 10-11-94 0503	ND	
3796	9. 0504B			ND	
3797	10. 0504C			ND	
3798	11. 0505			ND	
3799	12. 0505B			ND	
3800	13. 0505C		one small chrysotile bundle in 4 preps (<<1%)	<1%	chrysotile

AKD

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By: R. Weller	Relinquished By:	Relinquished By:
Date/Time: 10/13/94 925	Date/Time: 10/13/94 5:00	Date/Time: 10/13/94 6:30	Date/Time:	Date/Time:
Received By: CH	Received By: R. Weller	Received By: to storage	Received By:	Received By:

Special Notes: Test to 1st positive within the following groups: (0502, B, C), (0503, B, C), (0504, B, C), (0505, B, C), (0507, B, C), (0508, B, C), (0510-12), (0514-0516), (0518-20), (0521-0523), (0524-0526), (0527-29), (0530-32), (0536-38)

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3801	1. 0506			30-40% 10-20%	Amosite Chrysotile
3802	2. 0507			ND	
3803	3. 0507B			ND	
3804	4. 0507C		3 layers	ND	
3805	5. 0508		Numerous bundles	1-3%	chrysotile
3806	6. 0508B		Test to first positive	↓	↓
3807	7. 0508C				
3808	8. 0509		Transite	40-50	chrysotile
3809	9. 0510		two small bundles in 6 preps.	<1%	chrysotile
3810	10. 0511		6 preps - No Asbestos Detected.	ND	
3811	11. 0512		Point Counted to Continum. Point Count = 0.5% (2 fibers per 400 points)	<1%	Chrysotile
3812	12. 0513			ND	
3813	13. 0514			ND	

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By: R. Wieller	Relinquished By:	Relinquished By:
Date/Time: 10/13/94 925	Date/Time: 10/13/94 @ 1:00pm	Date/Time: 10/13/94 @ 7:30pm	Date/Time:	Date/Time:
Received By: CH	Received By: R. Wieller	Received By: to Storage	Received By:	Received By:

Special Notes: Test to the 1st positive within the following groups; (0502, B, C), (0503, B, C), (0504, B, C), (0505, B, C), (0507, B, C), (0508, B, C), (0510-12), (0514-16), (0518-20), (0521-23), (0524-26) (0527-29), (0530-32), (0536-38)

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3814	1. 0515			ND	
3815	2. 0516			ND	
3816	3. 0517			60-70	Chrysotile
3817	4. 0518		Test to First Pos.	1-3	Chrysotile
3818	5. 0519			↓	↓
3819	6. 0520			↓	↓
3820	7. 0521			ND	
3821	8. 0522			ND	
3822	9. 0523			ND	
3823	10. 0524		Asb. in silver Paint	<1%	chrysotile
3824	11. 0525		Asb. In Silver Paint Test to First Pos.	1-3%	Chrysotile
3825	12. 0526				
3826	13. 0527		very high content for a roofing felt	40-50	chrysotile

Relinquished By: FedEx	Relinquished By: CH	Relinquished By: R. Wade	Relinquished By:	Relinquished By:
Date/Time: 10/13/94 925	Date/Time: 10/13/94 @ 8:30	Date/Time: 10/13/94 @ 9:30	Date/Time:	Date/Time:
Received By: CH	Received By: R. Wade	Received By: to Storage	Received By:	Received By:

Special Notes: Test to the 1st positive within the following groups: (0502,B,C), (0503,B,C), (0504,B,C), (0505,B,C), (0507,B,C), (0508,B,C), (0510-12), (0514-16), (0518-20), (0521-23), (0524-26), (0527-29) (0530-32), (0536-38)

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3827	1. 0528		Test to First Pos.		
3828	2. 0529				
3829	3. 0530		Test to first Positive	70-80	Chrysotile
3830	4. 0531				
3831	5. 0532				
3832	6. 0534			50-60 5-10	Amosite Chrysotile
3833	7. 0535			ND	
3834	8. 0536		Just above 1%./Several Bundles of chrysotile	1-3	Chrysotile
3835	9. 0537		Test to first Positive		
3836	10. 0538				
3837	11. 0539			ND	
3838	12. 0540			ND	
	13.				

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/13/94 925	Date/Time:	Date/Time:	Date/Time:	Date/Time:
Received By: CH	Received By:	Received By:	Received By:	Received By:

Special Notes: Test to the 1st positive within the following groups: (0502, B, C), (0503, B, C), (0504, B, C), (0505, B, C), (0507, B, C), (0508, B, C), (0510-12), (0514-16), (0518-20), (0521-23), (0524-26), (0527-29), (0530-32) (0536-38)

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3768	1. 000251			ND	
3769	2. 000252			ND	
3770	3. 000253			ND	
3771	4. 000254			ND	
3772	5. 000255			ND	
3773	6. 000256			ND	
3774	7. 000257			ND	
3775	8. 000258			ND	
3776	9. 000259			ND	
3777	10. 000261			ND	
3778	11. 000266			20-30	Chry
3779	12. 000267			ND	
3780	13. 000268			ND	

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/13/94 925	Date/Time:	Date/Time:	Date/Time:	Date/Time:
Received By: CH	Received By:	Received By:	Received By:	Received By:

Special Notes: 251 252 253 test for first positive. 254, 255, 256 test to first positive. 259, 264 test to 1st positive. 262, 263 Test to 1st positive.

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3781	1. 000269			ND	
3782	2. 000270			ND	
3783	3. 000260			10-20	Chry
3784	4. 000262			70-80	Amosite
3785	5. 000263			20-30 20-30	Chry. Amosite
3786	6. 000264			ND	
3787	7. 000265			70-80	Chry
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/13/94 925	Date/Time:	Date/Time:	Date/Time:	Date/Time:
Received By: CH	Received By:	Received By:	Received By:	Received By:

Special Notes: 251, 252, 253 test to 1st positive. 254, 255, 256 test to 1st positive. 259, 264 test to 1st positive. 262, 263 test to 1st positive

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

Blind Replicate Reanalysis

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE	QA/QC
3724	1. 000001		vinyle tile	60-70	chry	RW
3725	2. 000002		vinyl flooring	ND		RW
3726	3. 000003		vinyl flooring	5-10	chry	
3727	4. 000004			ND		
3728	5. 000005			<1	chry	
3729	6. 000006			ND		RW
3730	7. 000007			ND		
3731	8. 000008			ND		
3732	9. 000009			ND		
3733	10. 000010			ND		
3734	11. 000011			ND		RW
3735	12. 000012			1 ND 2 ND 3 ND ND		
3736	13. 000013			30-40%	chry	

Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/13/94 9:25am	Date/Time:	Date/Time:	Date/Time:	Date/Time:
Received By: CH	Received By:	Received By:	Received By:	Received By:

Special Notes: For sample groups (000004 → 000006) and (000007 → 000009) analyze to first positive.

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE	
3737	1. 000014			ND		
3738	2. 000015			1-3	chry	RW
3739	3. 000016			ND		RW
3740	4. 000017		fused Chrysotile	50-60	chry	
3741	5. 000018		" "	40-50	chry	
3742	6. 000019			70-80	chry	
3743	7. 000020			ND		
3744	8. 000021			ND		
3745	9. 000022			70-80	chry	RW
3746	10. 000023			ND		
3747	11. 000024			30-40. 40-50	Chry Amo	
3748	12. 000025			ND		
3749	13. 000026			ND		

Relinquished By: Fed Ex Relinquished By: CM Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/13/94 925 Date/Time: Date/Time: Date/Time: Date/Time:
Received By: CM Received By: Received By: Received By: Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE	QA/QC
3750	1. 000027			5-10	chry	
3751	2. 000028			ND	—	
3752	3. 000029			ND		
3753	4. 000030			ND		
3754	5. 000031			1-3	Chry	RW
3755	6. 000032		baked Amosite	30-40	Amo	RW
3756	7. 000033			60-70	crocidolite	
3757	8. 000034			5-10	Chry	
3758	9. 000035			10-20	Amo	
3759	10. 000036			ND		
3760	11. 000037		(Inhomogeneous distribution of tremolite in sample) baked Amosite	1-3	Amo	RW
3761	12. 000038			1-3	Chry	
3762	13. 000039			ND		

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Fed Ex	CH			
Date/Time: 10/13/94 925	Date/Time: 10/13	Date/Time:	Date/Time:	Date/Time:
Received By: CH	Received By:	Received By:	Received By:	Received By:

Special Notes:

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
3763	1. 000040			ND	
3764	2. 000041			ND	
3765	3. 000042			ND	
3766	4. 000043			1-3	Chry
3767	5. 000044			60-70	~~AA~~ Chry.
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				

QA/QC

RW

Relinquished By: Fed Ex Relinquished By: CH Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/13/94 925 Date/Time: Date/Time: Date/Time: Date/Time:
Received By: CH Received By: Received By: Received By: Received By:

Special Notes:

Sierra Nevada Asbestos Consultants, Inc (702) 856-4446
4840 Mill Street, Unit 5 Reno, Nevada 89502 Fax (702) 856-3513

Sample Transmittal Form

Project Name: Parker Hill ASBESTOS SURVEY
Contact Person: Ted Ice
Special Notes:
Project Number: 9463.140.01
Date Sampled: 10/11/94
Contact Phone Number: 208-784 2503

Analysis Type: (Please Circle)
PCM-Air: NIOSH 7400 Method; Other Method
PLM-Bulk: Standard EPA Method; Point Count Method
TEM: Air; Bulk; Water; Other
GC; AA; Others

Turn-A-Round Time: (Circle) RUSH 24 Hours 2 Days 1 Week
If PLM Sample, Test to First Positive: Yes No

Requested: Verbals Fax
Samples Collected By: Ted Ice
Sample Type **: Background Pre-Abatement During Clearance
Page 1 of 1

Laboratory Number	Sample Number	Sample Location	Sample Description	Type ** Pump #	Time Started	Time Ended	Total Minutes	Flow Rate	Volume (liters)	Analyst	Fibers Fields	F/mm2	F/cc
3723	00998137	Pat Parker Phospate Plant	During Asbestos SURVEY - BULK SAMPLING	P-7	13:05	1757	292	2.0 / 1.9 / 1.95	569	[illegible]	97/100	123.6	.084
	2												
	3												
	4												
	5												
	6												
	7												
	8												
	9												
	10												

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/11/94 -	Date/Time: 10/13/94 925	Date/Time: 1300 94	Date/Time:	Date/Time:
Received By: Fed X	Received By: [illegible]	Received By: [illegible]	Received By:	Received By:

White = S.N.A.C. Copy / Yellow = Laboratory File Copy / Pink = Laboratory Sample Copy

Rev. APR 92, SNACTRAN.XLS

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-85

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4307	1. 000186	10/17/94			<1	chry
4308	2. 000187	↓			30-40 10-20	chry Amosite
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/17/94 @ 1800	Date/Time: 10/18/94 0920	Date/Time: 10/19/94 915	Date/Time: 19 Oct 94	Date/Time:
Received By:	Received By: Fed Ex	Received By: CH	Received By:	Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-82

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4309	1. 000193	10/17/94			ND	
4310	2. 000194	↓			ND	
4311	3. 000195	↓			ND	
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

RW

Relinquished By: [signature] Relinquished By: T. N. W. Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/17/94 @ 1800 Date/Time: 10/18/94 0920 Date/Time: Date/Time: Date/Time:
Received By: Tom N. Walter Received By: [signature] Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

S-31

LABORATORY CHAIN-OF-CUSTODY FORM

	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4312	1. 000188	10/17/94			50-60	Amosite
4313	2. 000189				5-10	Chry
4314	3. 000190				60-70	Chry
4315	4. 000191				30-40	chry
4316	5. 000192				<1	Chry
4317	6. 000196				ND	
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: Fed Ex	Relinquished By: CU	Relinquished By:
Date/Time: 10/17/94 @ 1800	Date/Time: 10/18/94 0920	Date/Time: 10/19/94 915	Date/Time: 10/20/94	Date/Time:
Received By: Tom N. Walter	Received By: Fed Ex	Received By: CU	Received By: [illegible]	Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-30

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4318	1. 000197	10/17/94		Felt	ND	
4319	2. 000198				ND	
4320	3. 000199				30-40	chrysotile
4321	4. 000200					
4322	5. 000201					
4323	6. 000202				ND	
4324	7. 000203				ND	
4325	8. 000204				ND	
4326	9. 000205				10-20	chrysotile
4327	10. 000206				50-60	chrysotile
4328	11. 000207					
4329	12. 000208					
4330	13. 000209				ND	

Relinquished By: [illegible]	Relinquished By: T. A. W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By: [illegible]
Date/Time: 10/17/94 @ 1800	Date/Time: 10/18/94 0920	Date/Time: 10/19/94 915	Date/Time: 10/19/94 @ 9:30	Date/Time: 10/19/94 @ 9:30
Received By: Tom M. Walter	Received By: Fed Ex	Received By: CH	Received By: R. Wheeler	Received By: [illegible]

Special Notes: FP = Test To First Positive

1 of 2

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:55PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-30

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4331	1. 000210	10/17/94		Insulation	30-40 10-20	Amosite Chrysotile
	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature]	Relinquished By: T.N.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By: R. Wolf
Date/Time: 10/17/94 @ 1800	Date/Time: 10/18/94 0920	Date/Time: 10/19/94 915	Date/Time: 10/19/94 @ 9:30	Date/Time: 10/19/94 @ 10:30
Received By: [signature]	Received By: Fed Ex	Received By: CH	Received By: R. Wolf	Received By: to storage

Special Notes: FP = Test To First Positive

2 of 2.

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-26

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4349	1. 00022B	10/17/94			70-80	Chrysotile
	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Date/Time: 10/17/94 @ 1800 Received By: [illegible]

Relinquished By: [illegible] Date/Time: 10/18/94 0920 Received By: FedEx

Relinquished By: FedEx Date/Time: 10/19/94 915 Received By: CH

Relinquished By: CH Date/Time: 10/19/94 @ 10:30 Received By: [illegible]

Relinquished By: [illegible] Date/Time: 10/19/94 @ 10:45 Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

FROM : CCMR*BOISE*IDAHO*** PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-28

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4364	1. 000243	10/17/94		Asb. in side Tar	1-3	Chrysotile
4365	2. 000244	↓			ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Date/Time: 10/17/94 @ 16:00 Received By: Tom N. Walls
Relinquished By: T. N. W. Date/Time: 10/18/94 0920 Received By: Fed Ex
Relinquished By: Fed Ex Date/Time: 10/19/94 915 Received By: CH
Relinquished By: CH Date/Time: 10/19/94 @ 10:45 Received By: R. Wiedl
Relinquished By: R. Wiedl Date/Time: 10/19/94 @ 11:00 Received By: to storage

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-27

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4332	1. 000211	10/17/94			ND	
4333	2. 000212				<1	Chry
4334	3. 000213				5-10	Chry
4335	4. 000214				20-30	Chry
4336	5. 000215				10-20	Chry
4337	6. 000216				5-10 30-40	Chry Amosite
4338	7. 000217				20-30 10-20	Chry Amosite
4339	8. 000218				20-30	Chry
4340	9. 000219				3-5	Chry
4341	10. 000220					
4342	11. 000221					
4343	12. 000222				1-3	Chry
4344	13. 000223			GO TO NEXT PAGE		

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/17/94 @ 1600	Date/Time: 10/18/94 0820	Date/Time: 10/19/94 915	Date/Time:	Date/Time:
Received By: Tom M. Walle	Received By: Fed Ex	Received By: CM	Received By:	Received By:

Special Notes: FP = Test To First Positive

1 of 2

FROM : CONVERSE CONSULTANTS PHONE NO. : 202 366 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-27

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4345	1. 000224	10/17/94	↓			
4346	2. 000225	↓	↓		3-5	Chry
4347	3. 000226	↓	↓			
4348	4. 000227	↓	↓			
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: T.A.W. Relinquished By: Fed Ex Relinquished By: [illegible] Relinquished By:
Date/Time: 10/17/94 @ 1800 Date/Time: 10/18/94 0900 Date/Time: 10/19/94 915 Date/Time: 10/20/94 Date/Time:
Received By: [illegible] Received By: Fed Ex Received By: CM Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

2 of 2

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-24

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4350	1. 000229	10/17/94			70-80	Chry
4351	2. 000230				30-40	Chry
4352	3. 000231				50-60	Chry
4353	4. 000232					
4354	5. 000233					
4355	6. 000234				50-60	Chry
4356	7. 000235					
4357	8. 000236					
4358	9. 000237				1-3	Chry
4359	10. 000238					
4360	11. 000239					
4361	12. 000240				3-5	Chry
4362	13. 000241			GO TO NEXT PAGE		

Relinquished By: [signature] Date/Time: 10/17/94 @ 1800 Received By: Tom N Walter
Relinquished By: TN. W. Date/Time: 10/18/94 0920 Received By: Fed Ex
Relinquished By: Fed Ex Date/Time: 10/19/94 915 Received By: CH
Relinquished By: CH Date/Time: 1[illegible]/94 Received By: [illegible]
Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-24

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4363	1. 000242	10/17/94	↓			
	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: TAK Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/17/94 1800 Date/Time: 10/18/94 0920 Date/Time: Date/Time: Date/Time:
Received By: [illegible] Received By: Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 388 1165 Oct. 13 1994 02:55PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-1b

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4366	1. 000245	10/17/94	T		ND	
4367	2. 000246				ND	
4368	3. 000247				ND	
4369	4. 000248				ND	
4370	5. 000249				3-5	chry
4371	6. 000250				10-20	chry
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Date/Time: 10/17/94 @ 1800 Received By: [illegible]

Relinquished By: [illegible] Date/Time: 10/18/94 0920 Received By: Fed Ex

Relinquished By: Fed Ex Date/Time: 10/19/94 915 Received By: CH

Relinquished By: CH Date/Time: 10/20/94 Received By: [illegible]

Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 300 1105 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG. No. 218

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4372	1. 006423	10/15/94			ND	
4373	2. 424				ND	
4374	3. 425				ND	
4375	4. 426	10/17/94			ND	
4376	5. 429				ND	
4377	6. 432				ND	
4378	7. 427				ND	
4379	8. 430				ND	
4380	9. 433				ND	
4381	10. 428				ND	
4382	11. 431				ND	
	12. 434			Sample not in Bag (PMW)		
	13.			(PMW) 10/17/94		

Relinquished By: K Williams Relinquished By: [illegible] Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/17/94 7:01 Date/Time: 10/18/94 0906 Date/Time: Date/Time: Date/Time:
Received By: Tom M Wells Received By: Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

Page 1 of 2

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 368 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z18

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4383	1. 435	10/17/94			ND	
4384	2. 436				ND	
4385	3. 437				ND	
4386	4. 438				ND	
4387	5. 439				ND	
4388	6. 440				ND	
4389	7. 441				ND	
4390	8. 442				ND	
4391	9. 443				ND	
4392	10. 444				ND	
4393	11. 445				ND	
4394	12. 446				ND	
	13.			10/17/94		

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/17/94 7:01	Date/Time: 10-18-94 0900	Date/Time:	Date/Time:	Date/Time:
Received By:	Received By:	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

Page 2 of 2

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z13

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4395	1. 455 ~~455~~ PMW	10/17/94			ND	
4396	2. 457				ND	
4397	3. 462				ND	
4398	4. 456				ND	
4399	5. 458				ND	
4400	6. 463				ND	
4401	7. 464				20-30	Chry
4402	8. 465					
4403	9. 466					
4404	10. 467		NO		70-80	Chry
4405	11. 468		NO		50-60	Chry
	12.					
	13.					

Relinquished By: P. Williams Relinquished By: T. N. W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/17/94 709 Date/Time: 10-18-94 0900 Date/Time: 10/19/94 915 Date/Time: 19[illegible] Date/Time:
Received By: Tom N. [illegible] Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

Page 1 of 2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z13

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4406	1. 447	10/17/94			ND	
4407	2. 448				ND	
4408	3. 449				ND	
4409	4. 450		NO		60-70	Chry
4410	5. 451				ND	
4411	6. 452				ND	
4412	7. 453				ND	
4413	8. 454		NO		50-60	Chry
4414	9. 459				ND	
4415	10. 460				ND	
4416	11. 461				ND	
	12.			PMW 10/17/94		
	13.					

Relinquished By: P. Williams Relinquished By: T. N. W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/17/94 709 Date/Time: 10-18-94 0900 Date/Time: 10/19/94 915 Date/Time: Date/Time:
Received By: Tim N. Walter Received By: Fed Ex Received By: CH Received By: Received By:

Special Notes: FP = Test To First Positive

Page 2 of 2

CONVERSE CONSULTANTS MR, INC.

BLDG No. 212

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4417	1. 469	10/17/94			10-20	Crocidolite
4418	2. 470					
4419	3. 472					
4420	4. 471		NO		60-70	Chry
4421	5. 473		NO		70-80	crocidolite
4422	6. 475		NO		ND	?
4423	7. 474		NO		40-50	Amosite
4424	8. 476				ND	
4425	9. 477				ND	
4426	10. 478				ND	
4427	11. 483				ND	
4428	12. 484				ND	
4429	13. 485				ND	

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/17/94 7:15	Date/Time: 10/18/94 0900	Date/Time: 10/19/94	Date/Time:	Date/Time:
Received By:	Received By: Fed Ex	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

Page 1 of 3

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. _____

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4430	1. 486	10/17/94			1-3	Chry
4431	2. 487					
4432	3. 488					
4433	4. 482		ND		50-60 5-10	Crocidolite Chry
4434	5. 479				ND	
4435	6. 480				ND	
4436	7. 481				ND	
4437	8. 496		ND		70-80	Chry
4438	9. 489				ND	
4439	10. 490				ND	
4440	11. 491				ND	
4441	12. 492		ND		50-60	Chry
	13.			10/17/94		

Relinquished By: R. Williams Relinquished By: TNW Relinquished By: Fed Ex Relinquished By: CH Relinquished By: _____
Date/Time: 10/17/94 7:15 Date/Time: 10/18/94 0900 Date/Time: 10/19/94 915 Date/Time: 1908 Date/Time: _____
Received By: [illegible] Received By: Fed Ex Received By: CH Received By: [illegible] Received By: _____

Special Notes: FP = Test To First Positive

Page 2 of 3

PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. _____

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4442	1. 493	10/17/94	↑		ND	
4443	2. 494	↓	↓		ND	
4444	3. 495	↓	↓		ND	
	4.					
	5.					
	6					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

10/17/94

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Fed Ex Relinquished By: CH Relinquished By: _____
Date/Time: 10/17/94 7:15 Date/Time: 10/18/94 0902 Date/Time: 10/19/94 955 Date/Time: 19 Oct 94 Date/Time: _____
Received By: [illegible] Received By: Fed Ex Received By: CH Received By: [illegible] Received By: _____

Special Notes: FP = Test To First Positive

Page 3 of 3

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-10

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4445	1. 0648	10-17-94			20-30 1-3	Chry Amosite
	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature]	Relinquished By: [signature]	Relinquished By: Fed Ex	Relinquished By: CA	Relinquished By:
Date/Time: 10-17-94	Date/Time: 10/18/94 0910	Date/Time: 10/19/94 915	Date/Time: 19[illegible]94	Date/Time:
Received By: [signature]	Received By: Fed Ex	Received By: CA	Received By: [signature]	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. 5-12

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4446	1. 0649	10-17-94			ND	
	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: Fed Ex	Relinquished By: CA	Relinquished By:
Date/Time: 10-18-94	Date/Time: 10/18/94 0910	Date/Time: 10/19/94 915	Date/Time: 10-19-94	Date/Time:
Received By: [illegible]	Received By: fed Ex	Received By: CA	Received By: [illegible]	Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-13

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4447	1. 0650	10/17/94			ND	
4448	2. 0651				ND	
4449	3. 0652		FP		ND	
4450	4. 0653				ND	
4451	5. 0654				ND	
4452	6. 0655				ND	
4453	7. 0656				ND	
4454	8. 0657				30-40	Amosite
4455	9. 0658				10-20	Amosite
	10. T.N.W. 10/17/94 ~~0659~~					
	11.					
	12.					
	13.					

Relinquished By: K [illegible] Relinquished By: T.N.W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10-17-94 Date/Time: 10/18/94 0910 Date/Time: 10/19/94 915 Date/Time: 1908 Date/Time:
Received By: Tom H. [illegible] Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

1 of 2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-13

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4456	1. 0659	10/17/94			50-60	Chry
4457	2. 0660		FP		1-3	Chry
4458	3. 0661					
4459	4. 0662					
4460	5. 0663				60-70	Chry
4461	6. 0664	KW			ND	
4462	7. 0647				20-30	Amosite
	8. KW ~~0648~~					
10-18	9. KW ~~0649~~					
	10.					
	11.					
	12.					
	13.					

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10-17-94	Date/Time: 10/18/94 0910	Date/Time: 10/19/94 915	Date/Time: 1900	Date/Time:
Received By:	Received By: Fed Ex	Received By: CH	Received By:	Received By:

Special Notes: FP = Test To First Positive

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FROM : CONVERSE CONSULTANTS PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-3

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4491	1. 0693	10/17/94			10-20	Chry
4492	2. 0694	10/17/94	FP		ND	
4493	3. 0695				ND	
4494	4. 0696				ND	
4495	5. 0697		FP		ND	
4496	6. 0698				ND	
4497	7. 0699				ND	
4498	8. 0700		FP		ND	
4499	9. 0701				ND	
4500	10. 0702				ND	
4501	11. 0703		FP		60-70	Chry
4502	12. 0704					
4503	13. 0705					

Relinquished By: Ken Wenk Relinquished By: T.N.W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/17/94 Date/Time: 10/18/94 0910 Date/Time: 10/19/94 915 Date/Time: 1900 Date/Time:
Received By: Tom N. Walter Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-3

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4504	1. 0706	10/17/94	FP		ND	
4505	2. 0707				ND	
4506	3. 0708				ND	
4507	4. 0709		FP		<1	Chry
4508	5. 0710					
4509	6. 0711					
4614	7. 0712			6 layers, Not in situ	1-3	Chry
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: K. Wonts Relinquished By: T.N.W. Relinquished By: Fed Ex Relinquished By: CK Relinquished By:
Date/Time: 10/17/94 Date/Time: 10/18/94 0710 Date/Time: 10/19/94 915 Date/Time: 1904 Date/Time:
Received By: Tom N Walter Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-3A

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4490	1. 0692	10/17/94			50-60	Chry
	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: K. Wenner	Relinquished By: [illegible]	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10-17-94	Date/Time: 10/18/94 0910	Date/Time: 10/19/94 95	Date/Time: 1908-94	Date/Time:
Received By: Tom H. Walter	Received By: Fed Ex	Received By: CH	Received By: [illegible]	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-15

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4479	1. 0681	10/17/94			10-20	Chry
4480	2. 0682				10-20	Amosite
4481	3. 0683				5-10	Crocidolite
4482	4. 0684				20-30 3-5	Chry, Amosite
4483	5. 0685			* see note below	ND	
4484	6. 0686				1-3	Chry
4485	7. 0687			*	3-5 1-3	Chry, Amosite
4486	8. 0688			*		
4487	9. 0689		PF		<1	Chry
4488	10. 0690				1-3	Chry
4489	11. 0691					
	12.					
	13.					

Relinquished By: [signature]	Relinquished By: TNW	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10/17/94 1800	Date/Time: 10/18/94 0910	Date/Time: 10/19/94 915	Date/Time:	Date/Time:
Received By: [signature]	Received By: Fed Ex	Received By: CH	Received By:	Received By:

Special Notes: FP = Test To First Positive

* Sample 0685, 0687, 0688 as a group ie Test to 1st positive #0686 is out of sequence

1 of 1

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-14

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4472	1. 0674	10/17/94	FP		ND	
4473	2. 0675				ND	
4474	3. 0676				ND	
4475	4. 0677				70-80	Chry
4476	5. 0678		FP		ND	
4477	6. 0679				ND	
4478	7. 0680				ND	
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: K. Wenuh Relinquished By: T.N.W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/17/94 Date/Time: 10/18/94 0910 Date/Time: 10/19/94 915 Date/Time: 1994 Date/Time:
Received By: Tom N. Walter Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

1 of 1

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-78

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4463	1. 0665	10/17/94	FP		ND	
4464	2. 0666				ND	
4465	3. 0667				ND	
4466	4. 0668		FP		ND	
4467	5. 0669				ND	
4468	6. 0670				ND	
4469	7. 0671		FP		30-40	chry
4470	8. 0672					
4471	9. 0673					
	10.					
	11.					
	12.					
	13.					

Relinquished By: R Woods	Relinquished By: T. A. W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10-17-94	Date/Time: 10/14/94 0910	Date/Time: 10/19/94 915	Date/Time: 1905	Date/Time:
Received By: Tom A Wells	Received By: Fed Ex	Received By: CH	Received By: [illegible]	Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 388 1165 Oct. 13 1994 02:55PM P2

CONVERSE CONSULTANTS MR, INC.

S-1

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4528	1. 0713	10-18-94	FP	ND	
4529	2. 0714			ND	
4530	3. 0715			ND	
4531	4. 716		FP	ND	
4532	5. 717			ND	
4533	6. 718			ND	
4534	7. 719		FP	1-3	Chry
4535	8. 720				
4536	9. 721				
4537	10. 722		FP	1-3	Chry
4538	11. 723				
4539	12. 724				
4540	13. ~~725~~		FP	Not Received	

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10-18-94	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 930	Date/Time: 2000	Date/Time:
Received By:	Received By: Fed Ex	Received By: CH	Received By: 94	Received By:

Special Notes:

FROM : CCMR*Boise*Idaho*** PHONE NO. : 208 368 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-I

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4511	1. 0726	10-18-94			ND	
4542	2. 0727				ND	
4543	3. 0728		FP		ND	
4544	4. 0729				ND	
4545	5. ~~0730~~			Not Received		
4546	6. 0731		FP		ND	
4547	7. 0732				ND	
4548	8. 0733				ND	
4549	9. 0734		FP		1-3	Chry
4550	10. 0735					
4551	11. 0736					
4552	12. 0737		FP		ND	
4553	13. 0738				ND	

Relinquished By: [signature]	Relinquished By: TAW	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10-18-94	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 930	Date/Time: 20 Oct 94	Date/Time:
Received By: Tom N. Walker	Received By: Fed Ex	Received By: CH	Received By: [signature]	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-1

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4554	1. 0739	10-18-94	FP		ND	
4745	2. 0625				ND	
4746	3. 0630				ND	
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: T.H.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10-18-94	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 930	Date/Time: 20 Oct	Date/Time:
Received By: Tom H. Walls	Received By: Fed Ex	Received By: CH	Received By: 94	Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-83

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4555	1. T.M.W. 10-18-94 ~~#~~ 740	10/18/94	FP		1-3	Chry
4556	2. 741	10/18/94				
4557	3. 742	10/18/94				
4558	4. 743	"	FP		3-5	Chry
4559	5. 744	"				
4560	6. 745	"				
4561	7. 746	"	FP		ND	
4562	8. 747	"			ND	
4563	9. 748	"			ND	
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Date/Time: 10/18/94 1850 Received By: Tom N. Walter
Relinquished By: T.M.W. Date/Time: 10-19-94 0940 Received By: Fed Ex
Relinquished By: Fed Ex Date/Time: 10/20/94 930 Received By: CA
Relinquished By: CA Date/Time: 2005 Received By: [signature]
Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-75

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4564	1. 0749	10-18-99			ND	
4565	2. 0750				ND	
4566	3. ~~1251~~ 751			No 1251 there were	ND	
4567	4. ~~1252~~ 751			No 1252 tw 751's	ND	
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: K Wenk	Relinquished By: T.A.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10-18-94	Date/Time: 10/19/94 0930	Date/Time: 10/20/94 930	Date/Time: 2004	Date/Time:
Received By: Tom N Walter	Received By: Fed Ex	Received By: CH	Received By:	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-79

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4568	1. 000751	10/18/94			ND	
4569	2. 000752	↓			5-10	Chry
4570	3. 000753	↓			30-40	Chry
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature]	Relinquished By: T.M.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10/18/94 @ 1900	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 930	Date/Time: 2004	Date/Time:
Received By: Tom N Walker	Received By: Fed Ex	Received By: CH	Received By: [signature]	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-67 PUSH FANS

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4571	1. 000764	10/18/94			80-90	Chry
4572	2. 000765				20-30	Chry
4573	3. 000766				10-20	Chry
4574	4. 000767				ND	
4575	5. 000768				ND	
4576	6. 000769				ND	
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: T.H.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10/18/94 @ 1100	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 930	Date/Time: 20 Oct 94	Date/Time:
Received By: Tom R. Watts	Received By: Fed Ex	Received By: CH	Received By: [illegible]	Received By:

Special Notes: FP = Test To First Positive

FROM : CCMR-Boise-Idaho PHONE NO. : 208 368 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-59

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4577	1. 000760	10/18/94			20-30	Amosite
4578	2. 000761					
4579	3. 000762					
4580	4. 000763				60-70	Chry
4581	5. 000764				30-40	Chry
4582	6. 000765					
4583	7. 000766					
4584	8. 000767				10-20	Chry
4585	9. 000768					
4586	10. 000769					
4587	11. 000770				50-60	Chry
4588,	12. 000771				50-60	Chry
4589	13. 000772				1-3	Chry

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/19/94 1900	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 830	Date/Time: 2000	Date/Time:
Received By: Tom Hubbell	Received By: Fed Ex	Received By: CH	Received By:	Received By:

Special Notes: FP = Test To First Positive

1 of 2

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 388 1165 Oct. 13 1994 02:55PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-59

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4590	1. 000773	10/18/94			ND	
4591	2. 000774				10-20	Chry
4592	3. 000775				<1	Chry
4593	4. 000776				60-70	Chry
4594	5. 000777					
4595	6. 000778					
4596	7. 000779				20-30	Amosite
4597	8. 000780					
4598	9. 000781					
4599	10. 000782				5-10	Chry
4600	11. 000783					
4601	12. 000784					
	13.					

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/18/94 1900	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 930	Date/Time: 20 Oct 94	Date/Time:
Received By:	Received By: FedEx	Received By: CH	Received By:	Received By:

Special Notes: FP = Test To First Positive

2 of 2

FROM : CCMR-Boise-Idaho PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-59A

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4602	1. 000785	10/18/94	T		10-20	Chry
4603	2. 000786		↓			
4604	3. 000787		↓			
4605	4. 000788		T		10-20	Chry
4606	5. 000789		↓			
4607	6. 000790		↓			
4608	7. 000791		T		50-60	Chr
4609	8. 000792		↓			
4610	9. 000793		↓			
4611	10. 000794		T		10-20	Chry
4612	11. 000795		↓			
4613	12. 000796		↓			
	13.					

Relinquished By: CM Park	Relinquished By: T.A.W.	Relinquished By: Fed Ex	Relinquished By: CM	Relinquished By:
Date/Time: 10/18/94 @ 1400	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 930	Date/Time: 2000	Date/Time:
Received By: Tom Wells	Received By: Fed Ex	Received By: CM	Received By:	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. 17B

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4615	1. 000797	10/18/94			3-5	Chry
4616	2. 000798				10-20	Chry
4617	3. 000799				10-20	Chry
4618	4. 000800					
4619	5. 000801					
4620	6. 000802				ND	
4621	7. 000803				ND	
4622	8. 000804				ND	
4623	9. 000805				20-30	Chry
4624	10. 000806				ND	
4625	11. 000807				5-10 5-10	Chry Crocidolite
4626	12. 000808				30-40	Crocidolite
	13.					

Relinquished By: [signature]	Relinquished By: T.N.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10/18/94 @ 1900	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 930	Date/Time: 2000	Date/Time:
Received By: [signature]	Received By: Fed Ex	Received By: CH	Received By: [signature]	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-17A

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4627	1. 000809	10/18/94			60-70	Chry
4628	2. 000810				70-80	Chry
4629	3. 000811				70-80	Chry
4630	4. 000812				5-10	Chry
4631	5. 000813					
4632	6. 000814					
4633	7. 000815				60-70	Crocid./A.
4634	8. 000816				ND	
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: T. M. W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/18/94 @ 1900 Date/Time: 10-19-94 0940 Date/Time: 10/20/94 930 Date/Time: 2008 Date/Time:
Received By: Tom N. Walter Received By: Fed Ex Received By: CH Received By: [signature] Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-22

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4739	1. 01268	10-18-94			10-20	Chry
4740	2. 01269					
4741	3. 01270					
4742	4. 01271		FP		ND	
4743	5. 01272				ND	
4744	6. 01273				ND	
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: K. Wend Relinquished By: T.N.W. Relinquished By: FedEx Relinquished By: CH Relinquished By:
Date/Time: 10-18-94 Date/Time: 10/19/94 0930 Date/Time: 10/20/94 930 Date/Time: 20 Oct 94 Date/Time:
Received By: Tom N Walker Received By: FedEx Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

1 of 1

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-17

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4728	1. 1257	10-18-94			3-5 10-20	Amosite Chrysotile
4729	2. 1258				20-30	Chry
4730	3. 1259		FP		ND	
4731	4. 1260				ND	
4732	5. 1261				ND	
4733	6. 1262				10-20 3-5	Chry Amosite
4734	7. 1263				10-20 10-20	Chry Amosite
4735	8. 1264				60-70	Chry
4736	9. 1274		FP		ND	
4737	10. 1275				1-3	Chry
4738	11. 1276				1-3	Chry
	12.					
	13.					

Relinquished By: K Wenn Relinquished By: T.A.W. Relinquished By: Fed Ex Relinquished By: CA Relinquished By:
Date/Time: 10-18-94 Date/Time: 10/19/94 0930 Date/Time: 10/20/94 930 Date/Time: 20 Oct 94 Date/Time:
Received By: Tom N Walter Received By: Fed Ex Received By: CA Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. 5-17C

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4724	1. 1253	10-18-94			10-20	CHRY
4725	2. 1254					
4726	3. 1255					
4727	4. 1256				10-20	Amosite
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: KWM	Relinquished By: FedEx	Relinquished By: CW	Relinquished By:	Relinquished By:
Date/Time: 10-18-94	Date/Time: 10/20/94 930	Date/Time: 2000	Date/Time:	Date/Time:
Received By: Tom N Walter	Received By: CW	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

FROM : CCMR*Boise*Idaho*** PHONE NO. : 208 368 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z9

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4675	1. 10/18/94	497			10-20	Chry
4676	2.	498				
4677	3.	499				
4678	4.	500	NO		ND	
4679	5.	1001			10-20	chry
4680	6.	1002				
4681	7.	1003				
4682	8.	1004	NO		ND	
4683	9.	1005			20-30	Chry
4684	10.	1006				
4685	11.	1007				
4686	12.	1036	NO		80-90	Chry
	13.			[illegible] 10/15/94		

Relinquished By: [illegible]	Relinquished By: T.R.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10/15/94 6:47	Date/Time: 10/19/94 0930	Date/Time: 10/20/94 930	Date/Time: 2008	Date/Time:
Received By: Tom H. Walter	Received By: Fed Ex	Received By: CH	Received By: [illegible]	Received By:

Special Notes: FP = Test To First Positive

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CONVERSE CONSULTANTS MR, INC.

BLDG No. 29

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4687	1. 10/18/94	1008			ND	
4688	2.	1009			ND	
4689	3.	1010			ND	
4690	4.	1023			50-60	chry
4691	5.	1024				
4692	6.	1025				
4693	7.	1011			50-60	chry
4694	8.	1012				
4695	9.	1013				
4696	10.	1014			ND	
4697	11.	1015			ND	
4698	12.	1016			ND	
	13.			10/18/94		

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time:	Date/Time: 10/19/94 0930	Date/Time: 10/20/94 930	Date/Time:	Date/Time:
Received By:	Received By: Fed Ex	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

Page 2 of 4

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 10 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. 29

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4699	1. 10/18/94	1017			3-5	Chry
4700	2.	1018				
4701	3.	1019				
4702	4.	1020			ND	
4703	5.	1021			ND	
4704	6.	1022			ND	
4705	7.	1024			ND	
4706	8.	1027			ND	
4707	9.	1028			ND	
4708	10.	1029			70-80	Chry
4709	11.	1030				
4710	12.	1031				
4711	13.	1032	NO		80-90	Chry

Relinquished By:	Relinquished By: T. M. W.	Relinquished By: FedEx	Relinquished By: CH	Relinquished By:
Date/Time:	Date/Time: 10/19/94 0930	Date/Time: 10/20/94 930	Date/Time: 2000	Date/Time:
Received By: Tom M Kelly	Received By: FedEx	Received By: CH	Received By:	Received By:

Special Notes: FP = Test To First Positive

Page 3 of 4

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 368 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. 29

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4712	1. 1033		10/18/94		60-70	Chry
4713	2. 1034					
4714	3. 1035					
4715	4. 1037				ND	
4716	5. 1038				ND	
4717	6. 1039				ND	
4718	7. 1040				30-40	Chry
4719	8. 1041					
4720	9. 1042					
4721	10. 1043				1-3	Chry
4722	11. 1044					
4723	12. 1045					
	13.			10/18/94		

Relinquished By:	Relinquished By: T. M. W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time:	Date/Time: 10/19/94 0930	Date/Time: 10/20/94 930	Date/Time:	Date/Time:
Received By: Tom M Wells	Received By: Fed Ex	Received By: CH	Received By:	Received By:

Special Notes: FP = Test To First Positive

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CONVERSE CONSULTANTS MR, INC.

BLDG No. Z10

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4649	1. 10/18/94	1044			ND	
4650	2.	1047			ND	
4651	3.	1048			ND	
4652	4.	1049			ND	
4653	5.	1050			ND	
4654	6.	1051			ND	
4655	7.	1052			ND	
4656	8.	1053			ND	
4657	9.	1054			ND	
4658	10.	1055			1-3	Chry
4659	11.	1056				
4660	12.	1057				
4661	13.	1061	NO		10-20	Chry

Relinquished By: [illegible] Relinquished By: T.R.W. Relinquished By: FedEx Relinquished By: [illegible] Relinquished By:
Date/Time: 10/18/94 7:00 Date/Time: 10/19/94 0930 Date/Time: 10/20/94 930 Date/Time: 200 [illegible] 94 Date/Time:
Received By: [illegible] Received By: FedEx Received By: [illegible] Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive
Note: Date & sample numbers have been placed in wrong column

Page 1 of 2

CONVERSE CONSULTANTS MR, INC.

BLDG No. 210

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4662	1. 10/18/94	1058			ND	
4663	2.	1059			ND	
4664	3.	1060			ND	
4665	4.	1066			ND	
4666	5.	1067			ND	
4667	6.	1068			ND	
4668	7.	1062	NO		20-30	Chry
4669	8.	1063			ND	
4670	9.	1064			ND	
4671	10.	1065			ND	
4672	11.	1069	NO		70-80 3-5	Chry Amosite
	12.			(mm) 10/18/94		
	13.					

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
P. Williams	T. Lewis	Fed Ex	CH	
Date/Time: 10/18/94 7:00	Date/Time: 10/19/94 0930	Date/Time: 10/20/94 930	Date/Time: 20 OCT 94	Date/Time:
Received By: Tom Weller	Received By: Fed Ex	Received By: CH	Received By:	Received By:

Special Notes: FP = Test To First Positive
Note: Date & sample numbers have been placed in wrong column

Page 2 of 2

FROM : CCMR&Boise&Idaho PHONE NO. : 208 368 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. 17A1

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4635	1. 000817	10/18/94	T		1-3	Chry
4636	2. 000818					
4637	3. 000819					
4638	4. 000820		T		ND	
4639	5. 000821				ND	
4640	6. 000822				ND	
4641	7. 000823		T		20-30	Chry
4642	8. 000824					
4643	9. 000825					
4644	10. 000826				70-80	Chry
4645	11. 000827		T		ND	
4646	12. 000828				ND	
4647	13. 000829				ND	

Relinquished By: [illegible]	Relinquished By: T.M.W.	Relinquished By: Fed Ex	Relinquished By: CM	Relinquished By:
Date/Time: 10/18/94 1900	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 930	Date/Time: 10/20/94	Date/Time:
Received By: [illegible]	Received By: Fed Ex	Received By: CM	Received By: [illegible]	Received By:

Special Notes: FP = Test To First Positive

1 of 2

FROM : CCMR+Boise+Idaho PHONE NO. : 208 368 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. 17A1

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4648	1. 000830	10/18/94			50-60	Chry
	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature]	Relinquished By: T.A.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10/18/94 @ 1900	Date/Time: 10-19-94 0940	Date/Time: 10/20/94 0930	Date/Time: 20 Oct 94	Date/Time:
Received By: Tom N. Waller	Received By: Fed Ex	Received By: CH	Received By: [signature]	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z18

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4755	1. 434	10/18/94	Yes		ND	
	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: P. Williams Relinquished By: T. M. W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/19/94 4:07 Date/Time: 10/20/94 0915 Date/Time: 10/21/94 925 Date/Time: 2108 94 Date/Time:
Received By: Tom N. Waller Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-11

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4756	1. 000831	10/19/94			ND	
4757	2. 000832				5-10	Chry
4758	3. 000833				ND	
4759	4. 000834				40-50	Chry
4760	5. 000835				ND	
4761	6. 000836				ND	
4762	7. 000837				ND	
4763	8. 000838				20-30	Chry
4764	9. 000839				40-50	Amosite
~~4766~~	10. ~~000878~~			Did not arrive in package		
4765	11. 000879				ND	
	12.					
	13.					

Did not Arrive

Relinquished By	Relinquished By	Relinquished By	Relinquished By	Relinquished By
[signature]	T.K.W.	Fed Ex	CH	CH
Date/Time: 10/19/94 @ 1820	Date/Time: 10/20/94 0920	Date/Time: 10/21/94 925	Date/Time: 10/21/94 925	Date/Time: 2/22/94
Received By: Tom H Walter	Received By: Fed Ex	Received By: CH	Received By: CH	Received By: [illegible]

Special Notes: FP = Test To First Positive

FROM : CCMR*Boise*Idaho*** PHONE NO. : 208 366 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-16

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4767	1. 000840	10/19/94			10-20	Chry
4768	2. 000841				50-60	Chry
4769	3. 000842				5-10 10-20	Chry Amosite
4770	4. 000843				5-10	Chry
4771	5. 000844				30-40	Chry
4772	6. 000845				10-20	Chry
4773	7. 000846				20-30	Chry
4774	8. 000847				10-20	Chry
4775	9. 000848				30-40	Chry
4776	10. 000849				20-30	Chry
4777	11. 000850				20-30	Chry
4778	12. 000851				ND	
4779	13. 000852				ND	

Relinquished By: [signature]	Relinquished By: T.M.W.	Relinquished By: Fed Ex	Relinquished By: CH	Relinquished By:
Date/Time: 10/19/94 @ 1830	Date/Time: 10/20/94 0915	Date/Time: 10/21/94 925	Date/Time: 2100	Date/Time:
Received By: Tom N Walls	Received By: Fed Ex	Received By: CH	Received By: [signature]	Received By:

Special Notes: FP = Test To First Positive

1 of 4

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-16

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4780	1. 000863	10/19/94			1-3	Chry
4781	2. 000864				1-3	Chry
4782	3. 000865				ND	
4783	4. 000856				5-10	Chry
4784	5. 000857				10-20	Chry
4785	6. 000858				10-20 1-3	Chry Amosite
4786	7. 000859				40-50	Chry
4787	8. 000860				20-30	Chry
4788	9. 000861				<1	Chry
4789	10. 000862				20-30 3-5	Chry Amosite
4790	11. 000863				3-5	Chry
4791	12. 000864				5-10	Chry
4792	13. 000865				5-10	Chry

Relinquished By: [illegible]	Relinquished By: T.A.W.	Relinquished By: Fed Ex	Relinquished By: CM	Relinquished By:
Date/Time: 10/19/94 @ 1820	Date/Time: 10/20/94 0915	Date/Time: 10/21/94 925	Date/Time: 2205	Date/Time:
Received By: [illegible]	Received By: Fed Ex	Received By: CM	Received By: [illegible]	Received By:

Special Notes: FP = Test To First Positive

2 of 4

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-16

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4793	1. 000866	10/19/94	T		ND	
4794	2. 000867				ND	
4795	3. 000868				ND	
4796	4. 000869				5-10	Chry
4797	5. 000870				70-80	Chry
4798	6. 000871				1-3 5-10	Chry, Amosite
4799	7. 000872				5-10	Chry
4800	8. 000873				20-30	Chry
4801	9. 000874				20-30	Chry
4802	10. 000875				70-80	Chry
4803	11. 000876				20-30	Chry
4804	12. 000877				ND	
Did not receive	13. ~~000879~~					

Relinquished By: [illegible]	Relinquished By: T.A.W.	Relinquished By: Fed Ex	Relinquished By: C.H.	Relinquished By:
Date/Time: 10/19/94 @ 1820	Date/Time: 10-20-94 0915	Date/Time: 10-21-94 925	Date/Time: [illegible]	Date/Time:
Received By: Tom H. Walter	Received By: Fed Ex	Received By: C.H.	Received By: [illegible]	Received By:

Special Notes: FP = Test To First Positive

3 of 4

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 368 1165 Oct. 18 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. _____

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
Did Not Receive	1. 000880	10/19/94				
4805	2. 000881	↓			1-3	Chry
4806	3. 000882	↓			10-20	Crocidolite
4807	4. 000878				ND	
4808	5. 000080				1-3	Chry
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Date/Time: 10/19/94 @ 1830 Received By: Tom H. Walter
Relinquished By: 10/20/94 [illegible] Date/Time: 10/20/94 0915 Received By: Fed Ex
Relinquished By: Fed Ex Date/Time: 10/21/94 925 Received By: CH
Relinquished By: CH Date/Time: 2100 Received By: [illegible]
Relinquished By: _____ Date/Time: _____ Received By: _____

Special Notes: FP = Test To First Positive

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CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-15

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4809	1. 000883	10/19/94			ND	
4810	2. 000884				ND	
4811	3. 000885				ND	
4812	4. 000886				20-30	Chry
4813	5. 000887				5-10	Chry
4814	6. 000888				5-10	Amosite
4815	7. 000889				1-3 10-20	Chry, Amosite
4816	8. 000890				10-20 10-20	Chry, Amosite
4817	9. 000891				10-20 5-10	Chry, Amosite
4818	10. 000892				20-30 20-30 20-30	Chry, Amosite Crocidolite
4819	11. 000893				ND	
	12.					
	13.					

Relinquished By: [signature]	Relinquished By: T.N.W.	Relinquished By: Fed Ex	Relinquished By: [signature]	Relinquished By:
Date/Time: 10/19/94 @ 1820	Date/Time: 10/20/94 0915	Date/Time: 10/21/94 925	Date/Time: 210894	Date/Time:
Received By: Tom N. Walter	Received By: Fed Ex	Received By: CA	Received By: [signature]	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z10

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4820	1. 1070	10/19/94			ND	
4821	2. 1071				ND	
4822	3. 1072				ND	
4823	4. 1073		No		10-20	Amosite
4824	5. 1074				ND	
4825	6. 1075				ND	
4826	7. 1076				ND	
4827	8. 1077				<1	Amosite
4828	9. 1078					
4829	10. 1079					
4830	11. 1080		No		10-20	Amosite
	12.					
	13.					

JMW 10/19/94

Relinquished By: P. Williams Relinquished By: T.H.W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/19/94 6:01 Date/Time: 10/20/94 0915 Date/Time: 10/21/94 925 Date/Time: 2100 94 Date/Time:
Received By: Tom H. Walter Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

Page 1 of 4

CONVERSE CONSULTANTS MR, INC.

BLDG No. 310

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4831	1. 1085	10/19/94	↑		ND	
4832	2. 1086		↕		ND	
4833	3. 1087		↓		ND	
4834	4. 1081		↑		ND	
4835	5. 1082		↕		ND	
4836	6. 1083		↓		ND	
4837	7. 1084		NO		5-10	Amosite
4838	8. 1088		↑		ND	
4839	9. 1089		↕		ND	
4840	10. 1090		↓		ND	
4841	11. 1091		↑		ND	
4842	12. 1097		↕		ND	
4843	13. 1093		↓		ND	

Relinquished By: P. Williams Relinquished By: Tom H. Walk Relinquished By: Fed Ex Relinquished By: [illegible] Relinquished By:
Date/Time: 10/19/94 6:01 Date/Time: 10/20/94 0915 Date/Time: 10/21/94 925 Date/Time: 21 Oct 94 Date/Time:
Received By: Tom H. Walk Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

Page 2 of 4

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. #10

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4844	1. 1095	10/19/94	↑		ND	
4845	2. 1096		↓		ND	
4846	3. 1094		↓		ND	
4847	4. 1103		↑		70-80	Chry
4848	5. 1104		↓			
4849	6 1105		↓			
4850	7. 1097		↑		10-20	Chry
4851	8. 1098		↓			
4852	9. 1099		↓			
4853	10. 1100		↑		50-60 10-20	crocidolite Amosite
4854	11. 1101		↓			
4855	12. 1102		↓			
	13			PMW 10/19/94		

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
P. Williams	TA W-	Fed Ex	CH	
Date/Time: 10/19/94 6:01	Date/Time: 10/20/94 0915	Date/Time: 10/21/94 925	Date/Time: 21 Oct 94	Date/Time:
Received By: Tom M. Wells	Received By: Fed Ex	Received By: CH	Received By:	Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

FROM : CCMR*Boise*Idaho*** PHONE NO. : 208 366 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z10

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4856	1. 1109	10/19/94			ND	
4857	2. 1110				ND	
4858	3. 1111				ND	
4859	4. 1106				ND	
4860	5. 1107				ND	
4861	6. 1108				ND	
4862	7. 1112				ND	
4863	8. 1113				ND	
4864	9. 1114				ND	
	10.					
	11.					
	12					
	13					

10/19/94

Relinquished By: P. Williams Relinquished By: T.H.W. Relinquished By: Fed Ex Relinquished By: CA Relinquished By:
Date/Time: 10/19/94 6:01 Date/Time: 10/20/94 0915 Date/Time: 10/21/94 925 Date/Time: 2100 Date/Time:
Received By: Tom N. Walter Received By: Fed Ex Received By: CV Received By: Received By:

Special Notes: FP = Test To First Positive

Page 4 of 4

Converse Consultants Mountain Region, Inc.
A Wholly Owned Subsidiary of
The Converse Professional Group

Facsimile Transmittal Sheet

Date: 21 Oct 94

Time: 455

To:
Company: Pintlar ATTN Tom Walters
Phone:
Fax:
Attention:

From: CCMR
Phone: (208) 388-1111
Fax: (208) 388-1165

Reference:

Pages including transmittal sheet: 2

Comments:

Original Will Not Follow:
Original Will Follow By Mail:
Regular Mail:
Overnight Mail:
Other:

If you do not receive all the pages, please notify us as soon as possible.

Converse Consultants Mountain Region, Inc.
1190 West River Street
Boise, Idaho 83702
Telephone (208) 388-1111
Facsimile (208) 388-1165

M5

BLDG No. [illegible]

CONVERSE CONSULTANTS MR, INC.

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4865	1. 1360	10/19/94	FP		ND	
4866	2. 1361	10/19/94			ND	
4867	3. 1362				ND	
4868	4. 1363		FP		ND	
4869	5. 1364				ND	
4870	6. 1365				ND	
4871	7. 1366		FP		ND	
4872	8. 1367				ND	
4873	9. 1368				ND	
4874	10. 1369		FP		5-10	Chry
4875	11. 1370					
4876	12. 1371	10/19/94				
	13.					

Relinquished By: [signature] Date/Time: 10/19/94 [illegible] Received By: Tom H. Walk

Relinquished By: Tom H. Walk Date/Time: 10/20/94 0915 Received By: Fed Ex

Relinquished By: Fed Ex Date/Time: 10/21/94 930 Received By: CH

Relinquished By: CH Date/Time: 210 [illegible] 94 Received By: [illegible]

Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. M-6

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4877	1. 1372	10/19/94	FP		ND	
4878	2. 1373				ND	
4879	3. 1374				ND	
4880	4. 1375				ND	
4881	5. 1376		FP		ND	
4882	6. 1377				ND	
4883	7. 1378	10/19/94			ND	
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: T.H.W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/19/94 [illegible] Date/Time: 10/20/94 0915 Date/Time: 10/21/94 925 Date/Time: 210[illegible] Date/Time:
Received By: [signature] Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. E24

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4884	1. 1387	10/19/94	FP		ND	
4885	2. 1388				ND	
4886	3. 1389				ND	
4887	4. 1390		FP		ND	
4888	5. 1391				ND	
4889	6. 1392				ND	
4890	7. 1393				40-50	Chry
4891	8. 1394	10/19/94			40-50	Chry
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Date/Time: 10/19/94 1800 Received By: [signature]
Relinquished By: TN.W. Date/Time: 10/20/94 0915 Received By: Fed Ex
Relinquished By: Fed Ex Date/Time: 10/21/94 925 Received By: CH
Relinquished By: CH Date/Time: 210 94 Received By: [signature]
Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z10

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4892	1. 1141	10/20/94			40-50	Chry
4893	2. 1142					
4894	3. 1143					
4895	4. 1150		NO		20-30	Chry
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: R Williams Relinquished By: T. N. W. Relinquished By: Fed Ex Relinquished By: CA Relinquished By:
Date/Time: 10/20/94 1:27 Date/Time: 10/20/94 1420 Date/Time: 10/21/94 925 Date/Time: 210 [illegible] 94 Date/Time:
Received By: Tom H. Walter Received By: Fed Ex Received By: CA Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z 05

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4896	1. 1147	10/20/94	↑		10-20	Clay
4897	2. 1148	↓	↓			
4898	3. 1149	↓	↓			
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: R. Williams Relinquished By: T. M. W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/20/94 1:25 Date/Time: 10/20/94 1420 Date/Time: 10/21/94 925 Date/Time: 2100 Date/Time:
Received By: Tom M Walter Received By: Fed Ex Received By: CH Received By: Received By:

Special Notes: FP = Test To First Positive

FROM : CCMR&Boise&Idaho&&&
PHONE NO. : 208 388 1165
Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-01→04

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4899	1. 000894	10/20/94			1-3	Chry
4900	2. 000895				5-10	Chry
4901	3. 000896				10-20	Amosite
4902	4. 000897				10-20	Chry
4903	5. 000898				5-10	Amosite
4904	6. 000899				10-20	Amosite
4905	7. 000900				10-20	Chry
4906	8. 000901				NO	
4907	9. 000902				20-30	Chry
4908	10. 000903				5-10	Chry
4909	11. 000904				10-20 5-10	Chry Amosite
	12.					
	13.					

Relinquished By: [signature] Date/Time: 10/20/94 @ 1300 Received By: [signature]
Relinquished By: T.H.W. Date/Time: 10/20/94 1420 Received By: Fed Ex
Relinquished By: Fed Ex Date/Time: 10/21/94 925 Received By: CH
Relinquished By: CH Date/Time: 2A0 [illegible] Received By: [illegible]
Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

FROM : CCMR*Boise*Idaho** PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-68

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4910	1. 001419	10/20/94	↓		ND	
4911	2. 001420	↓	↓		ND	
4912	3. 001421	↓	↓		ND	
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: TN.W Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/20/94 @ 1300 Date/Time: 10/20/94 1420 Date/Time: 10/21/94 925 Date/Time: 21 Oct 94 Date/Time:
Received By: Tom N Walter Received By: Fed Ex Received By: CH Received By: [signature] Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-62

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4913	1. 001422	10/20/94	T		5-10	Chry
4914	2. 0001423					
4915	3. 001424					
4916	4. 001425		T		ND	
4917	5. 001426				ND	
4918	6. 001427				ND	
4919	7. 001428		T		1-3	Chry
4920	8. 001429					
4921	9. 001430					
4922	10. 001431				ND	
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: Fed Ex	Relinquished By: [illegible]	Relinquished By:
Date/Time: 10/20/94 @ 1300	Date/Time: 10/20/94 1420	Date/Time: 10/21/94 925	Date/Time: 2 Oct 94	Date/Time:
Received By: [illegible]	Received By: Fed Ex	Received By: [illegible]	Received By: [illegible]	Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-54

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4923	1. 01405	10-20-94	FP		ND	
4924	2. 1406				ND	
4925	3. 1407				ND	
4926	4. 1408				50-60	Chry
4927	5. 1409				20-30	Chry
4928	6. 1410		FP		ND	
4929	7. 1411				ND	
4930	8. 1412				ND	
4931	9. 1413		FP		40-50	Chry
4932	10. 1414					
4933	11. 1415					
4934	12. 1416		FP		ND	
4935	13. 1417				ND	

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10-20-94	Date/Time: 10/20/94 1420	Date/Time: 10/21/94 925	Date/Time: 21 Oct 94	Date/Time:
Received By: Tom H Wells	Received By: Fed Ex	Received By: CM	Received By:	Received By:

Special Notes: FP = Test To First Positive

1 of 2

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-54

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4936	1. 01418	10-20-94	1		ND	
	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: KW [illegible] Relinquished By: T.N.W. Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10-20-94 Date/Time: 10/20/94 1420 Date/Time: 10/21/94 925 Date/Time: 21 Oct 94 Date/Time:
Received By: Tom N. Walter Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

2 of 2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z06

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4937	1. 1144	10/20/94	↑		10-20	Chry
4938	2. 1145	↓				
4940	3. 1146	↓	↓			
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: P. Williams Relinquished By: T.A.W. Relinquished By: Fed Ex Relinquished By: CM Relinquished By:
Date/Time: 10/20/94 Date/Time: 10/20/94 1420 Date/Time: 10/21/94 925 Date/Time: 21 Oct 94 Date/Time:
Received By: Tom M. Walter Received By: Fed Ex Received By: CM Received By: Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. 260

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4941	1. 1118	10/20/94	NO		20-30	Chry
4942	2. 1119		↑		ND	
4943	3. 1120				ND	
4944	4. 1121		↓		ND	
4945	5. 1122		NO		20-30	Chry
4946	6. 1123		↑		ND	
4947	7. 1124				1-3	Chry
4948	8. 1125		↓			
4949	9. 1129		↑		20-30 1-3	Chry Amosite
4950	10. 1130					
4951	11. 1131		↓			
	12.					
	13.			PMC 10/20/94		

Relinquished By: V. Williams Relinquished By: TMW Relinquished By: Fed Ex Relinquished By: CU Relinquished By:
Date/Time: 10/20/94 1:11 Date/Time: 10/20/94 1420 Date/Time: 10/21/94 925 Date/Time: 2/0/94 Date/Time:
Received By: Tom Miller Received By: Fed Ex Received By: CU Received By: Received By:

Special Notes: FP = Test To First Positive

1 of 2

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z60

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4952	1. 1126	10/20/94	↑		ND	
4953	2. 1127				ND	
4954	3. 1128		↓		ND	
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

(PM) 10/20/94

Relinquished By: [signature] Relinquished By: TH-W Relinquished By: Fed Ex Relinquished By: CW Relinquished By:
Date/Time: 10/20/94 Date/Time: 10/20/94 1420 Date/Time: 10/21/94 925 Date/Time: 21 Oct 94 Date/Time:
Received By: [signature] Received By: Fed Ex Received By: CW Received By: [signature] Received By:

Special Notes: FP = Test To First Positive

2 of 2

CONVERSE CONSULTANTS MR, INC.

BLDG No. 208

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4955	1. 1132	10/20/94			1-3	Chry
4956	2. 1133					
4959	3. 1134					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: P. Williams Relinquished By: [illegible] Relinquished By: Fed Ex Relinquished By: CA Relinquished By:
Date/Time: 10/20/94 1:32 Date/Time: 10/20/94 1420 Date/Time: 10/21/94 925 Date/Time: 21 Oct 94 Date/Time:
Received By: [illegible] Received By: Fed Ex Received By: CA Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. 807

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4958	1. 1115	10/20	↑		ND	
4959	2. 1116	↓	↓		ND	
4960	3. 1117	↓	↓		ND	
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Fed Ex Relinquished By: CH Relinquished By:
Date/Time: 10/20/94 1:19 Date/Time: 10/20/94 1420 Date/Time: 10/21/94 925 Date/Time: 2102 94 Date/Time:
Received By: [illegible] Received By: Fed Ex Received By: CH Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

FROM : CCMR+BOISE+IDAHO PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. 261

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4961	1. 1135	10/20/94			10-20	Amosite
4962	2. 1136					
4963	3. 1137					
4964	4. 1138				10-20	Chry
4965	5. 1139					
4966	6. 1140					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: P. Williams Relinquished By: [illegible] Relinquished By: Fed Ex Relinquished By: CA Relinquished By:
Date/Time: 10/20/94 1135 Date/Time: 10/20/94 1430 Date/Time: 10/21/94 925 Date/Time: 21 Oct 94 Date/Time:
Received By: Tom N. Waller Received By: Fed Ex Received By: CA Received By: [illegible] Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-8

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5071	1. 01458	10-20-94	FP		1-3	Chry
5072	2. 1459					
5073	3. 1480		FP		ND	
5075	4. 1461				ND	
5075	5. 1462				ND	
5076	6. 1463		FP		ND	
5077	7. 1464				ND	
5078	8. 1465		FP		ND	
5079	9. 1466				ND	
5080	10. 1467	10-21-94	FP		ND	
5081	11. 1468				ND	
5082	12. 1469				ND	
	13.					

Relinquished By: [signature] Relinquished By: T.H.W. Relinquished By: CA Relinquished By: Relinquished By:
Date/Time: 10/20/94 1530 Date/Time: 10/21/94 1400 Date/Time: 2 Oct 94 Date/Time: Date/Time:
Received By: Tom N Walter Received By: CA Received By: [signature] Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. MC-30

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4994	1. 000977	10/21/94	↓		ND	
4995	2. 000978	↓	↓		ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: CH	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 @ 1300	Date/Time: 10/21/94 1300	Date/Time: 24 Oct 94	Date/Time:	Date/Time:
Received By: [illegible]	Received By: CH	Received By: [illegible]	Received By:	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. P-01

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
4996	1. 000 929	10/21/94			ND	
4997	2. 000 930				ND	
4998	3. 000 931				ND	
4999	4. 000 932				ND	
5000	5. 000 933				ND	
5001	6. 000 934			1 bundle in 1 layer	<1	Chry
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Date/Time: 10/21/94 0900 Received By: Tom A. Walter
Relinquished By: T.A.W. Date/Time: 10/21/94 1300 Received By: CH
Relinquished By: CH Date/Time: 24 Oct 94 Received By: [illegible]
Relinquished By: Date/Time: Received By:
Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. P-02

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5002	1. 000935	10/21/94			ND	
5003	2. 000936				ND	
5004	3. 000937			mastic	3-5	Chry
5005	4. 000938			Mastic	3-5	Chry
5006	5. 000939				ND	
5007	6. 000940				ND	
5008	7. 000941				ND	
5009	8. 000942				ND	
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature]	Relinquished By: T.A. W.	Relinquished By: CA	Relinquished By:	Relinquished By:
Date/Time: 10/29/94 [illegible]	Date/Time: 10/21/94 1300	Date/Time: 240 94	Date/Time:	Date/Time:
Received By: [signature]	Received By: CA	Received By: [illegible]	Received By:	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. P-03

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5010	1. 000943	10/21/94			ND	
5011	2. 000944				ND	
5012	3. 000945				ND	
5013	4. 000946				ND	
5014	5. 000947				5-10	Chry
5015	6. 000948				ND	
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: CH Relinquished By: Relinquished By:
Date/Time: 10/21/94 0900 Date/Time: 10/21/94 1300 Date/Time: 240ct94 Date/Time: Date/Time:
Received By: [illegible] Received By: CH Received By: [illegible] Received By: Received By:

Special Notes: FP = Test To First Positive

FROM : CCMR+Boise+Idaho PHONE NO. : 208 368 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. P-18

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5016	1. 000 951	10/21/94			ND	
5017	2. 000 952				ND	
5018	3. 000 953				<1	Chry
5019	4. 000 954				<1	Chry
5020	5. 000 955				ND	
5021	6. 000 956				ND	
5022	7. 000 957				ND	
5023	8. 000 958				ND	
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 0800	Date/Time: 10/21/94 1300	Date/Time: 24 Oct 94	Date/Time:	Date/Time:
Received By: [illegible]	Received By: [illegible]	Received By: [illegible]	Received By:	Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE LABORATORY PHONE NO. : 206 366 1155 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-5

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5024	1. 000959	10/21			ND	
5025	2. 000960				ND	
5026	3. 000961				<1	Chry
5027	4. 000962				<1	Chry
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 1300	Date/Time: 10/21/94 1400	Date/Time: 10/21/94	Date/Time:	Date/Time:
Received By: [illegible]	Received By: [illegible]	Received By: [illegible]	Received By:	Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-7

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5028	1. 000963	10/21			<1	Chry
5029	2. 000964	10/21			<1	Chry
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By:
Date/Time: 10/21/94 0330 Date/Time: 10/21/94 1400 Date/Time: 24 Oct 94 Date/Time: Date/Time:
Received By: [illegible] Received By: CH Received By: [illegible] Received By: Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-82

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5030	1. 000965	10/21			ND	
5031	2. 000966	10/21			ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: [signature] Relinquished By: CH Relinquished By: Relinquished By:
Date/Time: 10/21/94 @ 1300 Date/Time: [illegible] Date/Time: 2[illegible]/94 Date/Time: Date/Time:
Received By: [signature] Received By: CH Received By: [signature] Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-61

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5032	1. 000967	10/21			ND	
5033	2. 000968	10/21			ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: CA	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 @ 1300	Date/Time: [illegible] 1500	Date/Time: 24 Oct	Date/Time:	Date/Time:
Received By: [illegible]	Received By: CA	Received By: [illegible]	Received By:	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-67

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5034	1. 000969	10/21			ND	
5035	2. 000970	10/21			ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: TMW Relinquished By: [signature] Relinquished By: Relinquished By:
Date/Time: 10/21/94 @ 1300 Date/Time: 10/21/94 1400 Date/Time: 24 Date/Time: Date/Time:
Received By: Tom M. Walter Received By: CA Received By: [signature] Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-69

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5036	1. 000971 ~~000[illegible]~~	10/21			ND	
5037	2. 000972	10/21			ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: CH	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 0800	Date/Time: 10/21/94 1400	Date/Time: 2400	Date/Time:	Date/Time:
Received By: [illegible]	Received By: CH	Received By: [illegible]	Received By:	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. P-10

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5038	1. 000949	10/21			ND	
5039	2. 000950	10/21			ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: T.M.W. Relinquished By: CH Relinquished By: Relinquished By:
Date/Time: 10/21 0900 Date/Time: 10/21/94 1300 Date/Time: 240 Day Date/Time: Date/Time:
Received By: Tom N. Walter Received By: CH Received By: [signature] Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-27

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5040	1. 000979	10/21/94	↓		ND	
5043	2. 000982	↓	↓		ND	
4041	3. 000980				ND	
5042	4. 000981				ND	
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Date/Time: 10/21/94 @ 1300 Received By: [illegible]

Relinquished By: T.A.W. Date/Time: 10/21/94 1400 Received By: CH

Relinquished By: CH Date/Time: 24 Oct 94 Received By: [illegible]

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 588 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-38

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5044	1. 01431	10-20-94	FP		<1	Chry
5045	2. 01432					
5046	3. 01433					
5047	4. 01434				3 - 5	Chry
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: T.R.W. Relinquished By: CH Relinquished By: Relinquished By:
Date/Time: 10/20/94 Date/Time: 10/21/94 1300 Date/Time: 2400 Date/Time: Date/Time:
Received By: Tom R. Wells Received By: CH Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

FROM : CCMR&Boise+Idaho PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-37

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5048	1. 01435	10-20-94	FP		ND	
5049	2. 1436				1-3	Chry
5050	3. 1437					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By:
Date/Time: 10-20-94 Date/Time: 10/21/94 1300 Date/Time: 2400 Date/Time: Date/Time:
Received By: [illegible] Received By: [illegible] Received By: [illegible] Received By: Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-9A

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	F P	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5051	1. 01438	10-20-94	FP		ND	
5052	2. 1439	↓	↓		ND	
5053	3. 1440	↓	FP		ND	
5054	4. 1441	↓	↓		ND	
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By:
Date/Time: 10/20/94 Date/Time: 10/21/94 1300 Date/Time: 24 Oct Date/Time: Date/Time:
Received By: [illegible] Received By: [illegible] Received By: [illegible] Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-12

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5055	1. 01442	10-20-94	FP		ND	
5056	2. 01443	↓	↓		ND	
5057	3. 1444	↓			ND	
5058	4. 1474	10-21-94	FP		ND	
	5. 1475	↓	↓		ND	
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: [signature] Relinquished By: [signature] Relinquished By: Relinquished By:
Date/Time: 10-21-94 1534 Date/Time: 10/21/94 1400 Date/Time: 240 94 Date/Time: Date/Time:
Received By: [signature] Received By: [signature] Received By: [signature] Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-33 & S-34 **LABORATORY CHAIN-OF-CUSTODY FORM**

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5060	1. 01447	10-20-94	FP		ND	
5061	2. 1448		↓		ND	
5062	3. 1449		FP		40-50	Chry
5063	4. 1450		↓			
5064	5. 1451		FP		ND	
5065	6. 1452		↓		ND	
5066	7. 1453				1-3	Chry
5067	8. 1454		FP		ND	
5068	9. 1455		↓		ND	
5069	10. 1456		FP		ND	
5070	11. 1457		↓		ND	
	12.					
	13.					

Relinquished By: [signature] Relinquished By: T.H.W. Relinquished By: [signature] Relinquished By: Relinquished By:
Date/Time: 10-20-94 Date/Time: 10/21/94 1300 Date/Time: 240894 Date/Time: Date/Time:
Received By: [signature] Received By: [signature] Received By: [signature] Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. 8-41

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5083	1. 1479	10/21/94			ND	
5084	2. 1480	10/21/94			ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By:
Date/Time: 10/21/94 1200 Date/Time: [illegible] Date/Time: 24 Oct 94 Date/Time: Date/Time:
Received By: [illegible] Received By: [illegible] Received By: [illegible] Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-45

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5085	1. 1481	10/21/94			ND	
5086	2. 1482	10/21/94			ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By:
Date/Time: 10/21/94 1210 Date/Time: 10/21/94 1400 Date/Time: 2400 Date/Time: Date/Time:
Received By: [illegible] Received By: [illegible] Received By: [illegible] Received By: Received By:

Special Notes: FP = Test To' First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-49

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5087	1. 1483	10/21/94			ND	
5088	2. 1484				ND	
5089	3. 1485				ND	
5090	4. 1486				ND	
5091	5. 1487				ND	
5092	6. 1488	10/21/94			ND	
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 1200	Date/Time: 10/21/94 1400	Date/Time: 24 Oct 94	Date/Time:	Date/Time:
Received By: Jean M. Kelly	Received By: [illegible]	Received By: [illegible]	Received By:	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. MC-43

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5093	1. 1489	10/21/94	FP		ND	
5094	2. 1490	10/21/94	FP		ND	
5095	3. 1491	10/21/94	FP		ND	
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: [signature] Relinquished By: [signature] Relinquished By: Relinquished By:
Date/Time: 10/21/94 1200 Date/Time: 10/21/94 1400 Date/Time: 2400 Date/Time: Date/Time:
Received By: [signature] Received By: [signature] Received By: [signature] Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-44

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5096	1. 1499	10/21/94	FP		ND	
5097	2. 1500	10/21/94	FP		ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: CM	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 1200	Date/Time: 10/21/94 1400	Date/Time: 2 Oct	Date/Time:	Date/Time:
Received By: [illegible]	Received By: CM	Received By: [illegible]	Received By:	Received By:

Special Notes: FP = Test To' First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z45

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5098	1. 1155	10/21/94	↑		<1	Chry
5099	2. 1156	↓	↓			
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: P. William Relinquished By: [illegible] Relinquished By: CA Relinquished By: Relinquished By:
Date/Time: 10/21/94 3:20 Date/Time: 10/21/94 1400 Date/Time: 2400 Date/Time: Date/Time:
Received By: Lou N. Walter Received By: CA Received By: [illegible] Received By: Received By:

Special Notes: FP = Test To First Positive

1 of 1

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-32

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5100	1. 000973	10/21/94	T		ND	
5101	2. 000974	↓	↓		1-3	Chry
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By:
Date/Time: 10/24/94 @ 1300 Date/Time: 10/21/94 1400 Date/Time: 2400 Date/Time: Date/Time:
Received By: [illegible] Received By: [illegible] Received By: [illegible] Received By: Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 202 328 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-30

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5102	1. 000975	10/21/94			1-3	Chry
5103	2. 000976					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 @ 1300	Date/Time: 10/21/94 1400	Date/Time: 2400	Date/Time:	Date/Time:
Received By: Tom Mullen	Received By: [illegible]	Received By: [illegible]	Received By:	Received By:

Special Notes: FP = Test To First Positive

FROM : CCMR&Boise&Idaho PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. _____

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5104	1. 1157	10/21/94	↓		ND	
5105	2. 1158	↓	↓		ND	
5106	3. 1159	↓	↓		ND	
5107	4. 1160	↓	↓		ND	
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

10/21/94

Relinquished By: [illegible] Relinquished By: T. H. [illegible] Relinquished By: CN Relinquished By: _____ Relinquished By: _____
Date/Time: 10/21/94 15 16 Date/Time: 10/21 94 1400 Date/Time: 24 Oct Date/Time: _____ Date/Time: _____
Received By: [illegible] Received By: CN Received By: [illegible] Received By: _____ Received By: _____

Special Notes: FP = Test To First Positive

1 of 1

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CO[illegible]IR, INC.

BLDG No. E-34

LABORATORY CHAIN-OF-C[illegible]DY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE [illegible]ION	ASBESTOS PERCENT	ASBESTOS TYPE
5108	1. 1165	10/21/94			ND	
5109	2. 1166				ND	
5110	3. 1167				ND	
5111	4. 1168				ND	
5112	5. 1169				ND	
5113	6. 1170				ND	
5114	7. 1171				ND	
5115	8. 1172				ND	
5116	9. 1173				ND	
5117	10. 1174				ND	
5118	11. 1175				ND	
	12.					
	13.					

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time:	Date/Time: 10/21/94 1400	Date/Time: 24 Oct	Date/Time:	Date/Time:
Received By:	Received By: CH	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

1 of 1

FROM : CONVERSE LABORATORY PHONE NO. : 206 366 1165 Oct. 13 1994 02:53PM P2

FROM : CCMR*Boise*Idaho*** PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z21

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5119	1. 1176	10/21/94			40-50	Chry
5120	2. 1177					
5121	3. 1178				1-3	Chry
5122	4. 1179					
5123	5. 1180				ND	
5124	6. 1181				ND	
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: P. Williams Relinquished By: T. H. W. Relinquished By: CH Relinquished By: Relinquished By:
Date/Time: 10/21/94 3:03 Date/Time: 10/21/94 1400 Date/Time: 24 Oct 94 Date/Time: Date/Time:
Received By: Tom N Walter Received By: CH Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

1 of 1

FROM : CCMR*Boise*Idaho*** PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-30

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5125	1. 1182	10/21/94	1		ND	
5126	2. 1183	10/21/94	1		1-3	Chry
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

10/21/94

Relinquished By: [illegible] Relinquished By: T.H.W. Relinquished By: [illegible] Relinquished By: Relinquished By:
Date/Time: 10/21/94 1513 Date/Time: 10/21/94 1400 Date/Time: 24 Oct Date/Time: Date/Time:
Received By: Tom M Walter Received By: [illegible] Received By: [illegible] Received By: Received By:

Special Notes: FP = Test To First Positive

1 of 1

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z12

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5127	1. 1184	10/21/94	↑		5-10	Chry
5128	2. 1185	↓	↓			
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: P. Williams Relinquished By: T.A.W. Relinquished By: CA Relinquished By: Relinquished By:
Date/Time: 10/21/94 2:59 Date/Time: 10/21/94 1400 Date/Time: 2405 94 Date/Time: Date/Time:
Received By: Tom N Walter Received By: CA Received By: [illegible] Received By: Received By:

Special Notes: FP = Test To First Positive

1 of 1

FROM : CCMR*Boise*Idaho*** PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z76

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5129	1. 1186	10/21/94			ND	
5130	2. 1187				ND	
5131	3. 1188				ND	
5132	4. 1189				ND	
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: P. Williams Relinquished By: T H W. Relinquished By: CW Relinquished By: Relinquished By:
Date/Time: 10/21/94 12:30 Date/Time: 10/21/94 1400 Date/Time: 2400 94 Date/Time: Date/Time:
Received By: Tom H Walker Received By: CW Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

1 of 1

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z40

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5133	1. 1190	10/21/94	↑		ND	
5134	2. 1191		↓		ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: J. Williams
Date/Time: 10/21/94 12:32
Received By: Tom N Wells

Relinquished By: T. N. Wells
Date/Time: 10/21/94 1400
Received By: [illegible]

Relinquished By: [illegible]
Date/Time: 21 Oct 94
Received By: [illegible]

Relinquished By:
Date/Time:
Received By:

Relinquished By:
Date/Time:
Received By:

Special Notes: FP = Test To First Positive

FROM : CONVERSE CONSULTANTS PHONE NO. : 206 300 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. ZS1

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5135	1. 1192	10/21/94	↑		ND	
5136	2. 1193	↓	↓		ND	
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: P. Williams Relinquished By: T.N.W. Relinquished By: CH Relinquished By: Relinquished By:
Date/Time: 10/21/94 3:19 Date/Time: 10/21/94 1400 Date/Time: 240894 Date/Time: Date/Time:
Received By: Tom N. Walter Received By: CH Received By: RO Received By: Received By:

Special Notes: FP = Test To First Positive

1 of 1

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-28

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5137	1. 1195	10/21/94			ND	
5138	2. 1196				<1	Chry
5139	3. 1194				<1	chry
5140	4. 1197				ND	
5141	5. 1198				ND	
5142	6. 1199				ND	
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

JS 10/21/94

Relinquished By: [signature]	Relinquished By: [signature]	Relinquished By: CA	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 1510	Date/Time: 10/21/94 1400	Date/Time: 240894	Date/Time:	Date/Time:
Received By: [signature]	Received By: CA	Received By: [signature]	Received By:	Received By:

Special Notes: FP = Test To First Positive

1 of 1

FROM : CCMR*BOISE*IDAHO*** PHONE NO. : 208 388 1165 Oct. 13 1994 02:53PM P2

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-50

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5143	1. 1200	10/21/94			ND	
5144	2. 1201				ND	
5145	3. 1202				ND	
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature]	Relinquished By: T.N.W.	Relinquished By: CH	Relinquished By:	Relinquished By:
Date/Time: 10/21/94	Date/Time: 10/21/94 1402	Date/Time: 2400-94	Date/Time:	Date/Time:
Received By: Tom N Wall	Received By: CH	Received By: [signature]	Received By:	Received By:

Special Notes: FP = Test To First Positive

1 of 1

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-83

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5146	1. 01476	10-21-94	FP		5-10	Chry
5147	2. 1477	↓	↓			
5148	3. 1478	↓	↓			
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 1530	Date/Time: 10/21/94 1400	Date/Time: 24 Oct 94	Date/Time:	Date/Time:
Received By: [illegible]	Received By: [illegible]	Received By: [illegible]	Received By:	Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. 10

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5149	1. 01445	10-20 94	FP		ND	
5150	2. 01446	↓	↓		ND	
5151	3. 1470	10-21 94	FP		ND	
5152	4. 1471	↓	↓		ND	
5153	5. 1472	↓	FP		ND	
5154	6. 1473	↓	↓		ND	
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: T. N. W. Relinquished By: [signature] Relinquished By: Relinquished By:
Date/Time: 10/21/94 1530 Date/Time: 10/21/94 1400 Date/Time: 2400 Date/Time: Date/Time:
Received By: Tom N. Walles Received By: [signature] Received By: [signature] Received By: Received By:

Special Notes: FP = Test To First Positive

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-55

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5155	1. 01492	10-21-94	FP		1-3	Chry
5156	2. 1493	↓	↓			
5157	3. 1494	↓	↓			
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: [signature] Relinquished By: [signature] Relinquished By: Relinquished By:
Date/Time: 10-21-94 1530 Date/Time: 10/21/94 1400 Date/Time: 24 Oct 94 Date/Time: Date/Time:
Received By: Tom N. Walter Received By: [signature] Received By: [signature] Received By: Received By:

Special Notes: FP = Test To First Positive

Sierra Nevada Asbestos Consultants, Inc (702) 856-4146
4840 Mill Street, Unit 5 Reno, Nevada 89502 Fax (702) 856-3513

Sample Transmittal Form

Project Name: Bunker Hill Asbestos Survey
Contact Person: Tom N. Walter
Special Notes:
Project Number:
Date Sampled: 10-19-94
Contact Phone Number :

Analysis Type: (Please Circle)
PCM-Air: NIOSH 7400 Method; Other Method
PLM-Bulk: Standard EPA Method; Point Count Method
TEM: Air; Bulk; Water; Other
GC; AA; Others

Turn-A-Round Time: (Circle) RUSH 24 Hours 2 Days 1 Week If PLM Sample, Test to First Positive: Yes No

Requested: Verbals Fax
Samples Collected By: Tom Walter
Sample Type **: Background Pre-Abatement During Clearance
Page of

Laboratory Number	Sample Number	Sample Location	Sample Description	Type ** Pump #	Time Started	Time Ended	Total Minutes	Flow Rate	Volume (liters)	Analyst 25	Fibers Fields	F/mm2	F/cc
5158	1 KA-19-01	Gary Goyette	Personal During Asbestos Survey		0801 1341	1141 1729	448	1.6 1.56 1.58	708	SL	17/100	21.7	.012
5159	2 KA-19-02	Ted Tico	Personal During Asbestos Survey		0802 1333	1141 1730	456	1.6 .8 .9	410	SL	14/100	17.8	.017
	3												
	4												
	5												
	6												
	7												
	8												
	9												
	10												

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/19/94 1740	Date/Time: 2400	Date/Time:	Date/Time:	Date/Time:
Received By:	Received By:	Received By:	Received By:	Received By:

White = S.N.A.C. Copy / Yellow = Laboratory File Copy / Pink = Laboratory Sample Copy

Rev. APR 92, SNACTRAN.XLS

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-42

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5220	1. 1151	10/21/94			ND	
5221	2. 1152				ND	
5222	3. 1153				ND	
5223	4. 1154				ND	
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

10/21/94

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/21/94 1527	Date/Time: 10/21/94 1400	Date/Time: 26 Oct 94	Date/Time:	Date/Time:
Received By: Tom H. Walter	Received By:	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

1 of 1

CONVERSE CONSULTANTS MR, INC.

BLDG No. Z-47

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
5216	1. 10-24-94 TN 1161	10/21/94			ND	
5217	2. 10-24-94 TN 1162				<1	Chry
5218	3. 10-24-94 TN 1163				ND	
5219	4. 10-24-94 TN 1164				ND	
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

10/21/94

Relinquished By: [signature] Relinquished By: TAW Relinquished By: [signature] Relinquished By: Relinquished By:
Date/Time: 10/21/94 1518 Date/Time: 10/21/94 1400 Date/Time: 260.5.94 Date/Time: Date/Time:
Received By: [signature] Received By: [signature] Received By: [signature] Received By: Received By:

Special Notes: FP = Test To First Positive

1 of 1

CONVERSE CONSULTANTS MR, INC.

(6 Samples)

BLDG No. Z-23

LABORATORY CHAIN-OF-CUSTODY FORM

	CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
*		1. 1395	10/19/94	FP	Black tarry felt	Less Than 1	Chrysotile
**		2. 1396			Black tarry felt	Less Than 1	Chrysotile
***		3. 1397			Black tarry felt	Less Than 1	Chrysotile
****		4. 1398		FP	Gray concrete	Less Than 1	Chrysotile
*****		5. 1399			Gray concrete	Less Than 1	Chrysotile
*****		6. 1400	10/19/94		Gray concrete	None Detected ND	—
		7.					
		8.					
		9.					
		10.					
		11.					
		12.					
		13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By: Relinquished By:
Date/Time 10/19/94 1800 Date/Time: 10/20/94 0749 Date/Time: Date/Time: Date/Time:
Received By [illegible] Received By [illegible] 10/21/94 9:00 a.m. Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

David A Schroeder analyst FRS
10/22/94

* Sample QC'd ***** Sample QC'd
** Sample QC'd ****** Sample QC'd
*** Sample QC'd

CONVERSE CONSULTANTS MR, INC.

3 Samples

BLDG No. Z-25

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 1384	10/19/94	FP	White drywall	None Detected ND	—
	2. 1385	10/19/94	|	White drywall	ND	—
	3. 1386	10/19/94	√	White drywall	ND	—
	4.					
	5.					
	6					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/19/94 1800	Date/Time: 10/20/94 0740	Date/Time:	Date/Time:	Date/Time:
Received By: [illegible]	Received By: [illegible] 10/21/94 1:00am	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

David A Schroeder analyst FRS 10/22/94

CONVERSE CONSULTANTS MR, INC.

4 Samples

BLDG No. 7-14

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 1401	10/19/94		Gray transite	25	Chrysotile
	2. 1402	↓	FP	Black tarry felt	None Detected ND	—
	3. 1403	↓	↓	Black tarry felt	ND	—
	4. 1404	10/19/94	↓	Black tarry felt	ND	—
	5.					
	6					
	7					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/19/94 1500 Date/Time: 10/20/94 0740 Date/Time: Date/Time: Date/Time:
Received By: [illegible] Received By: [illegible] 10/21/94 7:00am Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

David A Schroeder analyst FRS
10/22/94

1 Sample and 3 additional layers analyzed

CONVERSE CONSULTANTS MR, INC.

BLDG No. S-21

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 01265	10-18-94		silver paint / black tarry felt w/ paint / black tarry felt & / tar on felt	ND / ND / 40 / 30	- / - / chrysotile / chrysotile
	2. 01266			similar - various felts and tars Not Analyzed	—	—
	3. 01267			similar - various felts and tars Not Analyzed	—	—
KDW	4. ~~01274~~		FP			
10-14 KDW	5. ~~01275~~					
KDW	6. ~~01276~~					
	7. ~~[illegible]~~					
	8. ~~[illegible]~~					
	9. ~~[illegible]~~					
	10.					
	11.					
	12.					
	13.					

KW

Relinquished By: K Wenk Relinquished By: T.A. [illegible] Relinquished By: Relinquished By: Relinquished By:
Date/Time 10-18-94 Date/Time: 10/20/94 0740 Date/Time: Date/Time: Date/Time:
Received By: Frank Walter Received By: [illegible] 10/21/94 9:00am Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

[illegible] Rainer analyst FRS
10/21/94

100 376

2 sample plus 2 additional layer

CONVERSE CONSULTANTS MR, INC.

BLDG No. MP-1

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 1379	10/19/94		tan TSI (wet) / black tarry material	20 / 30	amosite / chrysotile
	2. 1380	10/19/94		tan TSI (wet) / black tarry material	20 / 10	5 chrysotile 15 amosite / 5 - amosite 5 - chrysotile
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/19/94 1400	Date/Time: 10/20/94 0740	Date/Time:	Date/Time:	Date/Time:
Received By: [illegible]	Received By: [illegible] 10/21/94 9:00AM	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

[illegible] analyst FRS
10/21/94

CONVERSE CONSULTANTS MR, INC.

BLDG No. M7

LABORATORY CHAIN-OF-CUSTODY FORM

3 samples

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 1381	10/19/94	FP	black tarry shingle w/white pebbles	ND	—
	2. 1382	10/19/94	↓	black tarry shingle w/white pebbles	ND	—
	3. 1383	10/19/94	↓	black tarry shingle w/white pebbles	ND	—
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: K West	Relinquished By: [illegible]	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10-19-94	Date/Time: 10/20/94 [illegible]	Date/Time:	Date/Time:	Date/Time:
Received By: Tom [illegible]	Received By: [illegible] 10/21/94 9:00am	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

J.R. Raine analyst FRS
10/21/94

100 5 17

CONVERSE CONSULTANTS MR, INC.

BLDG No. M-4

LABORATORY CHAIN-OF-CUSTODY FORM

19 samples plus 3 additional layers

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 1344	10-19-94	FP	beige sheet vinyl	30	chrysotile
	2. 1345			beige sheet vinyl Not Analyzed	—	—
	3. 1346			beige sheet vinyl Not Analyzed	—	—
*	4. 1347		FP	gray floor tile w/gold specks / black mastic	3 / ND	chrysotile / —
	5. 1348			gray floor tile w/gold specks Not Analyzed / black mastic	— / ND	— / —
	6. 1349			gray floor tile w/gold specks Not Analyzed / black mastic	— / ND	— / —
**	7. 1350			gray floor tile w/gold specks ~~Not Analyzed~~ / black mastic	3 / ND	chrysotile / —
	8. 1351		FP	mustard floor tile / black mastic	10 / 15	chrysotile / chrysotile
	9. 1352			mustard floor tile Not Analyzed / black mastic Not Analyzed	— / —	— / —
	10. 1353			red floor tile Not Analyzed / black mastic Not Analyzed	— / —	— / —
	11. 1354		FP	gray plaster (coarse grnd) with surfacing homogenized	ND	—
	12. 1355			gray plaster (coarse grnd)	ND	—
	13. 1356			gray plaster (coarse grnd) with surfacing homogenized	ND	—

Relinquished By: [signature] Date/Time: 10-19-94 Received By: Tom N. Walter

Relinquished By: [signature] Date/Time: 10/20/94 0740 Received By: [signature] 10/21/94 9:00am

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

[signature] Analyst FRS 10/21/94

* Sample Qe'd
* Sample Qe'd

1 of 2

CONVERSE CONSULTANTS MR, INC.

3 samples

BLDG No. 111-4

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 1357	10-19-94	FP	black tarry shingle w/green pebbles	ND	—
	2. 1358			black tarry shingle w/green pebbles	ND	—
	3. 1359			black tarry shingle w/green pebbles	ND	—
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Date/Time: 10-19-94 Received By: [illegible]

Relinquished By: [illegible] Date/Time: 10/20/94, 0740 Received By: [illegible] 10/21/94 9:00am

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

[illegible] analyst FB
10/21/94

CONVERSE CONSULTANTS MR, INC.

3 samples

BLDG No. M-3A

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 1322	10/19/94	FP	black tarry shingle w/pebbles	ND	—
	2. 1323			black tarry shingle w/pebbles	ND	—
	3. 1324	10/19/94		black tarry shingle w/pebbles	ND	—
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Date/Time: 10/19/94 1500 Received By: [illegible]

Relinquished By: [illegible] Date/Time: 10/20/94 9:74[illegible] Received By: [illegible] 10/21/94 9:00am

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

[illegible] Raine analyst FRS 10/21/94

11 sample plus 3 additional laps

CONVERSE CONSULTANTS MR, INC.

BLDG No. M-3

LABORATORY CHAIN-OF-CUSTODY FORM

	CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
*		1. 1325	10/19/94	FP	gray plaster with white surfacing homogenized	ND	—
		2. 1326			gray plaster with white surfacing homogenized	ND	—
		3. 1327			gray plaster with white surfacing homogenized	ND	—
		4. 1328			gray plaster with white surfacing homogenized	ND	—
		5. 1329		FP	gray felt	ND	—
		6. 1330			gray felt	ND	—
		7. 1331			black tarry felt	ND	—
		8. 1332		FP	beige sheet vinyl	30	chrysotile
		9. 1333			beige sheet vinyl Not Analyzed		
		10. 1334			beige sheet vinyl Not Analyzed		
* *		11. 1335		FP	white drywall sheetrock / white joint compound & paint	ND / 5	— / chrysotile
* *		12. 1336			white drywall sheetrock / white joint compound & paint	ND / 5	— / chrysotile
		13. 1337			white drywall sheetrock / white joint compound & paint	ND / 5	— / chrysotile

Relinquished By: [illegible] Date/Time: 10/19/94 1800 Received By: [illegible]

Relinquished By: [illegible] Date/Time: 10/20/94 1974 Received By: [illegible] 10/21/94 9:00am

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

[illegible] analyst FRS 10/21/94

sample QC'd

sample QC'd

1 of 2

CONVERSE CONSULTANTS MR, INC.

2 samples plus 1 additional

BLDG No. M-3 continued LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 1338	10/19/94	FP	beige sheet vinyl	30	chrysotile
	2. 1339	↓	↓	beige sheet vinyl Not Analyzed	—	—
	3. 1340	↓	↓	beige sheet vinyl Not Analyzed	—	—
*	4. 1341	↓	FP	tan floor tile / black mastic	5 / 10	chrysotile / chrysotile
	5. 1342	↓	↓	mustard floor tile Not Analyzed / black mastic Not Analyzed	— / —	— / —
	6. 1343	↓	↓	red floor tile Not Analyzed / black mastic Not Analyzed	— / —	— / —
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [signature] Date/Time: 10/19/94 1800 Received By: [signature] Relinquished By: T.H.W. Date/Time: 10/20/94 0740 Received By: [signature] 10/21/94 9:00am Relinquished By: Date/Time: Received By: Relinquished By: Date/Time: Received By: Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

[signature] Analyst FRS 10/21/94

sample QC'd

2 of 2

CONVERSE CONSULTANTS MR, INC.

12 samples and 3 additional layers analyzed

BLDG No. M-2

LABORATORY CHAIN-OF-CUSTODY FORM

	CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
*		1. 1307	10/19/94	FP	gray plaster w/paper (paper not analyzed)	ND	—
		2. 1308			gray plaster w/beige surfacing homogenized	ND	—
		3. 1309			gray plaster w/blue staining	ND	—
		4. 1310		FP	blue floor tile w/jute backing	ND	—
		5. 1311			blue floor tile w/jute backing	ND	—
		6. 1312			blue floor tile w/jute backing	ND	—
**		7. 1313		FP	White drywall sheetrock / white joint compound	ND / 2	— / chrysotile
***		8. 1314			pink drywall sheetrock / white joint compound	ND / 2	— / chrysotile
****		9. 1315			pink drywall sheetrock / white joint compound	ND / 4	— / chrysotile
		10. 1316		FP	black tarry shingle with pebbles	ND	—
		11. 1317			black tarry shingle with pebbles	ND	—
		12. 1318			black tarry shingle with pebbles	ND	—
		13.					

Relinquished By: [illegible] Date/Time: 10/19/94 Received By: Tom [illegible]

Relinquished By: [illegible] Date/Time: 10/20/94 0740 Received By: [illegible] 10/21/94 9:00am

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

[illegible] analyst PLM 10/21/94

* sample QC'd
** sample QC'd 1 of 2
*** sample QC'd
**** sample QC'd

CONVERSE CONSULTANTS MR, INC.

BLDG No. M-2 Continued

LABORATORY CHAIN-OF-CUSTODY FORM

3 sample analyzed

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 1319	10/19/94	FP	brown paper with tarry inner layer	ND	—
	2. 1320	↓	↓	brown paper with tarry inner layer	ND	—
	3. 1321	10/19/94	↓	brown paper with tarry inner layer	ND	—
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: T. R. [illegible]	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10/19/94 [illegible]	Date/Time: 10/20/94 1740	Date/Time:	Date/Time:	Date/Time:
Received By: Tom H. Walter	Received By: [illegible] 10/21/94 9:00 am	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

[illegible] Rainer Analyst FRS
10/21/94

2 of 2

CONVERSE CONSULTANTS MR, INC.

BLDG No. M-1B

LABORATORY CHAIN-OF-CUSTODY FORM

4 sample analyzed

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 01280	10-19-94		black tarry shingle w/green pebbles	ND	—
	2. 1281			black tarry shingle w/green pebbles	ND	—
	3. 1282			black tarry shingle w/green pebbles	ND	—
	4. 1283			black tarry shingle w/green pebbles	ND	—
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible]	Relinquished By: [illegible]	Relinquished By:	Relinquished By:	Relinquished By:
Date/Time: 10-19-94	Date/Time: 10/20/94 0940	Date/Time:	Date/Time:	Date/Time:
Received By: [illegible]	Received By: [illegible] 10/21/94 9:00am	Received By:	Received By:	Received By:

Special Notes: FP = Test To First Positive

[illegible] Analyst PRS
10/21/94

CONVERSE CONSULTANTS MR, INC.

BLDG No. M-1A

LABORATORY CHAIN-OF-CUSTODY FORM

3 sample analyzed

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 01277	10-19-94		black, tarry shingle	ND	—
*	2. 1278			black, tarry shingle	ND	—
	3. 1279			black, tarry shingle	ND	—
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13.					

Relinquished By: [illegible] Relinquished By: [illegible] Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10/19-94 Date/Time: 10/20/94 0740 Date/Time: Date/Time: Date/Time:
Received By: [illegible] Received By: [illegible] 10/21/94 9:00am Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

[illegible] analyst FRS
10/21/94

* sample QC'd —

CONVERSE CONSULTANTS MR, INC.

11 samples analyzed

BLDG No. M-1

LABORATORY CHAIN-OF-CUSTODY FORM

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 01284	10-19-94		gray transite w/ green paint	35	chrysotile
	2. 01285		FP	black tarry felt	none detected ND	—
	3. 01286			black tarry felt	ND	—
	4. 01287			black tarry felt	ND	—
*	5. 01288		FP	tan sheet vinyl	35	chrysotile
	6. 1289			tan sheet vinyl Not Analyzed		
	7. 1290			tan sheet vinyl Not Analyzed		
	8. 1291		FP	gray plaster (coarse grnd) fine grained and paint in tr. amounts	ND	—
	9. 1292			gray plaster (coarse grnd) w/ tan surfacing - homogenized	ND	—
	10. 1293			gray plaster (coarse grnd) w/ yellow surfacing - homogenized	ND	—
**	11. 1294		FP	drywall (tan & white sheetrock)	ND	—
	12. 1295			drywall (tan & white sheetrock)	ND	—
	13. 1296			drywall (tan & white sheetrock)	ND	—

Relinquished By: [illegible] Date/Time: 10-19-94 Received By: Tom A Wall

Relinquished By: [illegible] Date/Time: 10/20/94 6:74 Received By: [illegible] 10/21/94 9:00am

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Relinquished By: Date/Time: Received By:

Special Notes: FP = Test To First Positive

[illegible] Analyst FRS 10/21/94

1 of 2

* sample QC'd -

CONVERSE CONSULTANTS MR, INC.

BLDG No. M-1

LABORATORY CHAIN-OF-CUSTODY FORM

8 sample analyzed

CCMR LAB #	CLIENTS SAMPLE #	DATE SAMPLED	FP	SAMPLE DESCRIPTION	ASBESTOS PERCENT	ASBESTOS TYPE
	1. 01297	10-19-94		tan insulation with wrap	40	Chrysotile
	2. 1298			white insulation	20 → amosite 5 → chrysotile	
	3. 1299			lt. gray insulation	65	Chrysotile
	4. 1300		FP	beige sheet vinyl	35	Chrysotile
	5. 1301			beige sheet vinyl Not Analyzed		
	6. 1302			beige sheet vinyl Not Analyzed		
	7. 1303		FP	beige sheet vinyl	35	Chrysotile
*	8. 1304			black tarry shingle with green pebbles	ND	—
	9. 1305			black tarry shingle with green pebbles	ND	—
	10. 1306			black tarry shingle with green pebbles	ND	—
	11.					
	12.					
	13.					

Relinquished By: [signature] Relinquished By: [signature] Relinquished By: Relinquished By: Relinquished By:
Date/Time: 10-19-94 Date/Time: 10/20/94 0740 Date/Time: Date/Time: Date/Time:
Received By: Tom H. Wall Received By: [signature] 10/21/94 9:00am Received By: Received By: Received By:

Special Notes: FP = Test To First Positive

[signature] Rainer analyst FRS
10/21/94

2 of 2

CONVERSE ENVIRONMENTAL CONSULTANTS SOUTHWEST, INC.

4670 South Polaris Avenue
Las Vegas, Nevada 89103

This Certifies That

J. Tom Wise

has on September 27, 1994, satisfactorily completed an 8 hour Hazardous Waste Operations Supervisor Training Course per the requirements of 29 CFR 1910.120 (e) (4).

Dale W. Walsh

Instructor
Dale W. Walsh, C.I.H.
Certified Industrial Hygienist

Certificate #(b) (6)

CONVERSE ENVIRONMENTAL CONSULTANTS SOUTHWEST, INC.

4670 South Polaris Avenue
Las Vegas, Nevada 89103

This Certifies That

J. Tom Wise

has on September 16 thru September 19, 1994, satisfactorily completed a 40 hour Hazardous Waste Operations Health and Safety Training Course per the requirements of 29 CFR 1910.120 (e) 3 (i).

Instructor
Dale W. Walsh, C.I.H.
Certified Industrial Hygienist

Certificate # (b) (6)

(b) (6)

Certificate No.

State of Idaho

Department of Labor and Industrial Services

Building Division

Certificate of Accreditation

J. Tom Wise

Has been found to be qualified by the Department of Labor and Industrial Services and has Successfully completed a Department approved Training Program and is hereby certified as an

Asbestos Abatement Project Designer

Witness Our Hand and Seal:

Issued this *8th* Day of *July*, 19 *94*

Expiration Date *October 13, 1994*

Idaho Department of Labor and Industrial Services

Director

Division Administrator

(b)

Certificate No.

State of Idaho

Department of Labor and Industrial Services

Building Division

Certificate of Accreditation

J. Tom Wise

Has been found to be qualified by the Department of Labor and Industrial Services and has Successfully completed a Department approved Training Program and is hereby certified as an

Asbestos Management Planner

Witness Our Hand and Seal:

Issued this *8th* Day of *July*, 19 *94*

Expiration Date *December 13, 1994*

Idaho Department of Labor and Industrial Services

Director

Division Administrator

(b) (6)

Certificate No.

State of Idaho

Department of Labor and Industrial Services

Building Division

Certificate of Accreditation

J. Tom Wise

Has been found to be qualified by the Department of Labor and Industrial Services and has Successfully completed a Department approved Training Program and is hereby certified as an

Asbestos Inspector

Witness Our Hand and Seal:

Issued this *8th* Day of *July*, 19 *94*

Expiration Date *December 13, 1994*

Idaho Department of Labor and Industrial Services

Director

Division Administrator

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Tom Wise

(b) (6)

QUALITY Seagull SINCE 1971

has successfully completed

Asbestos Management Planner Refresher

14-Dec-93 TO 14-Dec-93

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): Jim Wilson

Training Address: 4828 S. Pearl St., Las Vegas, NV

James F. Stump, Course Sponsor

This Certificate Expires

13-Dec-94

12/13/94

AHERA Certificate Number..... (b) (6)

Course Number 932368B

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Tom Wise

(b) (6) [redacted]

QUALITY Seagull SINCE 1971

has successfully completed

Asbestos Building Inspection Refresher

14-Dec-93 TO 14-Dec-93

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): Jim Wilson

Training Address: 4828 S. Pearl St., Las Vegas, NV

James F. Stump, Course Sponsor

(b) (6) [redacted]

AHERA Certificate Number.....

This Certificate Expires

13-Dec-94

12/13/94

Course Number 932367B

Professional Service Industries, Inc.

Asbestos Abatement Project Designer
Refresher Training Course

J. Tom Wise

(b) (6)

has successfully completed the EPA-Approved Asbestos Project Designer Refresher Training Course for purposes of accreditation required under section 206 of Title II of the Toxic Substances Control Act (TSCA). Conducted by Professional Service Industries, 510 East 22nd Street, Lombard, IL 60148, 800-548-7901. Continuing Education Units Awarded: 0.8.

The Continuing Education Unit ®

Location Lafayette, California

Expiration November 9, 1995

Course November 9, 1994

Director of Training

PROFESSIONAL SERVICE INDUSTRIES INC. psi

(b) (6) DR

Certificate Number

CONVERSE ENVIRONMENTAL CONSULTANTS SOUTHWEST, INC.

4670 South Polaris Avenue
Las Vegas, Nevada 89103

This Certifies That

Ted Ice

has on February 3, 1994, satisfactorily completed an 8 hour Hazardous Waste Operations Supervisor Training Course per the requirements of 29 CFR 1910.120 (e) (4).

Instructor
Dale W. Walsh, C.I.H.
Certified Industrial Hygienist

Certificate #(b) (6)

© GOES 462-1/2

CONVERSE ENVIRONMENTAL CONSULTANTS SOUTHWEST, INC.

4670 South Polaris Avenue
Las Vegas, Nevada 89103

This Certifies That

Ted Ice

has on August 23, 1994, satisfactorily completed an 8 hour Hazardous Waste Operations Refresher Training Course per the requirements of 29 CFR 1910.120 (e) (8).

Dale W. Walsh

Instructor
Dale W. Walsh, C.I.H.
Certified Industrial Hygienist

Certificate #(b) (6)

CONVERSE ENVIRONMENTALCONSULTANTS SOUTHWEST, INC.

4670 South Polaris Avenue, Las Vegas, Nevada 89103
955 South Virgina Street, Suite 206, Reno, Nevada 89502

&

SIERRA NEVADA ASBESTOS CONSULTANTS, INC.

3670 Grant Drive, Suite 103, Reno, Nevada 89509

This Certifies That

Ted Ice

on September 27 thru October 1, 1993, satisfactorily completed a 40 hour Hazardous Waste Operations Health and Safety Training Course per the requirements of 29 CFR 1910.120 (e) (3) (i)

Dale W. Walsh

Instructor
Dale W. Walsh, C.I.H.
Certified Industrial Hygienist

Certificate #:(b) (6)

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Theodore M. Ice

(b) (6) [redacted]

has successfully completed

QUALITY Seagull SINCE 1971

Asbestos Contractor/Supervisor Refresher

15-Sep-94 TO 15-Sep-94

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): Tom Wise

TEST SCORE: 92 %

Training Address: 4840 Mill St., Reno, NV

James F. Stump, Course Sponsor

(b) (6) [redacted]

AHERA Certificate Number.....

This Certificate Expires

14-Sep-95

9/14/95

Course Number 940223

© GOES 442

LITHO IN U.S.A.

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Theodore M. Ice

(b) (6) [redacted]

QUALITY Seagull SINCE 1971

has successfully completed

Asbestos Management Planner Refresher

14-Dec-93 TO 14-Dec-93

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): Jim Wilson

Training Address: 4828 S. Pearl St., Las Vegas, NV

James F. Stump, Course Sponsor

(b) (6) [redacted]

AHERA Certificate Number.....

This Certificate Expires

13-Dec-94

12/13/94

Course Number 932368B

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Theodore M. Ice

(b) (6) [redacted]

QUALITY Seagull SINCE 1971

has successfully completed

Asbestos Building Inspection Refresher

14-Dec-93 TO 14-Dec-93

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): Jim Wilson

Training Address: 4828 S. Pearl St., Las Vegas, NV

James F. Stump, Course Sponsor

(b) (6) [redacted]

AHERA Certificate Number.....

This Certificate Expires

13-Dec-94

12/13/94

Course Number 932367B

CONVERSE ENVIRONMENTAL CONSULTANTS SOUTHWEST, INC.

4670 South Polaris Avenue
Las Vegas, Nevada 89103

This Certifies That

Gary G. Goyette

has on September 16 thru September 19, 1994, satisfactorily completed a 40 hour Hazardous Waste Operations Health and Safety Training Course per the requirements of 29 CFR 1910.120 (e) 3 (i).

Instructor
Dale W. Walsh, C.I.H.
Certified Industrial Hygienist

Certificate #(b) (6)

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Gary Goyette

(b) (6)

QUALITY Seagull SINCE 1971

has successfully completed

Asbestos Contractor/Supervisor Refresher

6-May-94 TO 6-May-94

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): Jim Wilson

Training Address: 3670 Grant Drive Suite 103, Reno, NV

James F. Stump, Course Sponsor

(b) (6)

AHERA Certificate Number.....

This Certificate Expires

5-May-95

5/5/95

Course Number 940092

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Gary Goyette

(b) (6)

has successfully completed

Asbestos Management Planner Refresher

4-May-94 TO 4-May-94

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): Tom Wise

Training Address: 3670 Grant Drive Suite 103, Reno, NV

QUALITY Seagull SINCE 1971

James F. Stump, Course Sponso

(b) (6)

AIHERA Certificate Number.....

This Certificate Expires

3-May-95

5/3/95

Course Number 940124

© 6015 442

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Gary Goyette

(b) (6)

has successfully completed

Asbestos Building Inspection Refresher

4-May-94 TO 4-May-94

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): Tom Wise

Training Address: 3670 Grant Drive Suite 103, Reno, NV

QUALITY Seagull SINCE 1971

James F. Stump, Course Sponsor

(b) (6)

AIHERA Certificate Number.....

This Certificate Expires

3-May-95

5/3/95

Course Number 940123

CONVERSE ENVIRONMENTAL CONSULTANTS SOUTHWEST, INC.

4670 South Polaris Avenue
Las Vegas, Nevada 89103

This Certifies That

Pat Palker

has on September 16 thru September 19, 1994, satisfactorily completed a 40 hour Hazardous Waste Operations Health and Safety Training Course per the requirements of 29 CFR 1910.120 (e) 3 (i).

Instructor
Dale W. Walsh, C.I.H.
Certified Industrial Hygienist

Certificate # (b) (6)

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Patrick M. Palker

(b) (6) [redacted]

has successfully completed

Asbestos Building Inspection Refresher

2-Feb-94 TO 2-Feb-94

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): J. Tom Wise

Training Address: 3670 Grant Drive Suite 103

QUALITY Seagull SINCE 1971

James F. Stump, Course Sponsor

This Certificate Expires

1-Feb-95

2/1/95

AIHERA Certificate Number..... (b) (6) [redacted]

Course Number 940025

STATE OF NEVADA

DEPARTMENT OF INDUSTRIAL RELATIONS

DIVISION OF ENFORCEMENT FOR INDUSTRIAL SAFETY AND HEALTH

ASBESTOS CONTROL PROGRAM

DATE 4/15/94 | LICENSE NO. (b) (6)

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. FOR THE YEAR EXPIRING 2/1/95

PATRICK M. PALKER
SIERRA NEVADA ASBESTOS CONSULTANTS INC.
3670 GRANT DRIVE #103
RENO, NV 89509

DATE 4/15/94
LICENSE NO. (b) (6)
INSPECTOR
PROJECT MONITOR

Licensee Signature

[Wallet Card - Fold Here]

STATE OF NEVADA
DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF ENFORCEMENT
FOR INDUSTRIAL SAFETY AND HEALTH
ASBESTOS CONTROL PROGRAM
ASBESTOS ABATEMENT CONSULTANT
PATRICK M. PALKER
SIERRA NV ASBESTOS CONSULTANTS

HAS PAID THE FEE REQUIRED BY CHAPTER 618 N.A.C. FOR THE YEAR EXPIRING 2/1/95

0 3656

CONVERSE ENVIRONMENTAL CONSULTANTS SOUTHWEST, INC.

4670 South Polaris Avenue
Las Vegas, Nevada 89103

This Certifies That

Tom N. Walter

has on September 16 thru September 19, 1994, satisfactorily completed a 40 hour Hazardous Waste Operations Health and Safety Training Course per the requirements of 29 CFR 1910.120 (e) 3 (i).

Instructor
Dale W. Walsh, C.I.H.
Certified Industrial Hygienist

Certificate #(b) (6)

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Tom N. Walter

(b) (6)

QUALITY
Seagull
SINCE 1971

has successfully completed

Asbestos Building Inspection Refresher

2-Feb-94 TO 2-Feb-94

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): J. Tom Wise
Training Address: 3670 Grant Drive Suite 103

James F. Stump, Course Sponsor

This Certificate Expires

1-Feb-95

2/1/95

AHERA Certificate Number..... (b) (6)

Course Number 940025

(b) (6) [redacted]

Certificate No.

State of Idaho

Department of Labor and Industrial Services

Building Division

Certificate of Accreditation

Tom N. Walter

Has been found to be qualified by the Department of Labor and Industrial Services and has Successfully completed a Department approved Training Program and is hereby certified as an

Asbestos Inspector

Witness Our Hand and Seal:

Issued this *17th* Day of *February*, 19 *94*

Expiration Date *February 1, 1995*

Idaho Department of Labor and Industrial Services

Director

Division Administrator

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

QUALITY Seagull SINCE 1971

This is to Certify that

Tom N. Walter

(b) (6)

has successfully completed

Asbestos Management Planner Refresher

2-Feb-94 TO 2-Feb-94

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): J. Tom Wise

Training Address: 3670 Grant Drive Suite 103

James F. Stump, Course Sponsor

(b) (6)

This Certificate Expires

1-Feb-95

2/1/95

AHERA Certificate Number.....

Course Number 940026

(b) (6)

Certificate No.

State of Idaho

Department of Labor and Industrial Services

Building Division

Certificate of Accreditation

Tom N. Walter

Has been found to be qualified by the Department of Labor and Industrial Services and has Successfully completed a Department approved Training Program and is hereby certified as an

Asbestos Management Planner

Witness Our Hand and Seal:

Issued this 17th Day of February, 19 94

Expiration Date February 1, 1995

Idaho Department of Labor and Industrial Services

Director

Division Administrator

Dec. 20 1994 10:30A
208 288 1165

AHERA PROJECT DESIGNER REFRESHER CERTIFICATE

This is to certify that

Tom N. Walter

has attended and satisfactorily completed all requirements to maintain accrediatation as an AHERA Project Designer in accordance with the Toxic Substance Control Act Title (Section 206) and 40 CFR 763.

Accreditation No. (b) (6) [redacted]

Dated: July 14, 1994

Ronald E. Nowicki

Ronald E. Nowicki

Nowicki & Associates, Inc.
33516 9th Avenue South, Bldg. #6
Federal Way, Washington 98003

(b) (6)

Certificate No.

State of Idaho

Department of Labor and Industrial Services

Building Division

Certificate of Accreditation

Tom N. Walter

Has been found to be qualified by the Department of Labor and Industrial Services and has Successfully completed a Department approved Training Program and is hereby certified as an

Asbestos Abatement Project Designer

Witness Our Hand and Seal:

Issued this 28th Day of September, 19 94

Expiration Date July 14, 1995

Idaho Department of Labor and Industrial Services

Director

Division Administrator

CONVERSE ENVIRONMENTAL CONSULTANTS SOUTHWEST, INC.

4670 South Polaris Avenue
Las Vegas, Nevada 89103

This Certifies That

Karl D. Wennstrom

has on September 16 thru September 19, 1994, satisfactorily completed a 40 hour Hazardous Waste Operations Health and Safety Training Course per the requirements of 29 CFR 1910.120 (e) 3 (i).

Dale W. Walsh

Instructor
Dale W. Walsh, C.I.H.
Certified Industrial Hygienist

Certificate # (b) (6)

Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (305) 524-7208

This is to Certify that

Karl D. Wennstrom

(b) (6) [redacted]

has successfully completed

AHERA Building Inspector Course

25-Apr-94 TO 27-Apr-94

Complies with Sec. 206 TSCA 15 UCS 2646

Trainer(s): Tom Wise

TEST SCORE: 84 % Training Address: 820 N. Linder Rd., Meridian, ID

QUALITY
Seagull
SINCE 1971

James F. Stump, Course Sponsor

AHERA Certificate Number..... (b) (6) [redacted]

Course Number 940129

This Certificate Expires

26-Apr-95 4/26/95

Certificate of Training

Environmental Health Sciences, Inc.
certifies that

Don Hurst

has successfully completed the
AHERA Building Inspector
Training Refresher in accordance with
40 CFR Part 763, Subpart E, Appendix C
on this 28th day of July, 1994
in Bellevue, Washington.

Expires July 28, 1995

TRAINING DIRECTOR

(b) (6)

CERTIFICATION NO.

ENVIRONMENTAL HEALTH SCIENCES, INC.
Nine Lake Bellevue Building · Suite 220 · Bellevue, Washington 98005
(206) 455-2959 Phone · (206) 646-7247 Fax

Certificate of Training

Environmental Health Sciences, Inc.
certifies that

Don Hurst

has successfully completed the
AHERA Management Planner
Training Refresher in accordance with
40 CFR Part 763, Subpart E, Appendix C
on this 28th day of July, 1994
in Bellevue, Washington.

Expires July 28, 1995

TRAINING DIRECTOR

(b) (6)

CERTIFICATION NO.

ENVIRONMENTAL HEALTH SCIENCES, INC.
Nine Lake Bellevue Building · Suite 220 · Bellevue, Washington 98005
(206) 455-2959 Phone · (206) 646-7247 Fax

AHERA
PROJECT DESIGNER
REFRESHER
CERTIFICATE

This is to certify that

Donald J. Hurst

has attended and satisfactorily completed all requirements to maintain accrediatation as an AHERA Project Designer in accordance with the Toxic Substance Control Act Title (Section 206) and 40 CFR 763.

Accreditation No. (b) (6) [redacted]

Dated: December 10, 1993

Ronald E. Nowicki

Nowicki & Associates, Inc.
33516 9th Avenue South, Bldg. #6
Federal Way, Washington 98003

Certificate of Training

Environmental Health Sciences, Inc.
certifies that

Donald J. Hurst

has successfully completed the
AHERA Project Design Training Refresher
in accordance with
40 CFR Part 763, Subpart E, Appendix C
on this 12th day of November, 1992
in Bellevue, Washington.

Expires November 12, 1993

Paul W Jackson
TRAINING DIRECTOR

(b) (6)
CERTIFICATION NO.

©1991 BAUDVILLE/RBP

University of Washington

Northwest Center for Occupational Health and Safety

This is to certify that

DONALD J. HURST

Successfully completed 28 *hours of instruction in*

Sampling and Evaluating Airborne Asbestos Dust

September 15-18, 1987

Date

Lee Monteith

Instructor

Dan Lucholsel

Microlab Northwest

Training in Microscopy

This is to certify that

Donald J. Hurst

has successfully completed an intensive course in

ASBESTOS ANALYSIS

This February 28 Day of 19 86

E.R. Crutcher
Instructor

signed

© GOES 462-1/2

LITHO IN U.S.A.

Certificate of Completion

This is to certify that

Don Hurst

has satisfactorily completed

8 hours of refresher training in

Health And Safety At Hazardous Waste Sites

in compliance with OSHA 29 CFR 1910.120

Date

August 19, 1993

Training Coordinator

Dan W. Dali

Prezant Associates, Inc.
Environmental Health Services and Engineering

Certificate of Training

Environmental Health Sciences, Inc.
certifies that

Peggy Williamson

has successfully completed the
AHERA Management Planner
Training Refresher in accordance with
40 CFR Part 763, Subpart E, Appendix C
on this 1st day of July, 1993
in Bellevue, Washington.

Expires July 1, 1994

Paul W Jackson
TRAINING DIRECTOR

(b) (6)
CERTIFICATION NO.

Certificate of Training

Environmental Health Sciences, Inc.
certifies that

Peggy Williamson

has successfully completed the
AHERA Building Inspector
Training Refresher in accordance with
40 CFR Part 763, Subpart E, Appendix C
on this 1st day of July, 1993
in Bellevue, Washington.

Expires July 1, 1994

Paul W Jackson
TRAINING DIRECTOR

(b) (6)
CERTIFICATION NO.

AHERA
PROJECT DESIGNER
REFRESHER
CERTIFICATE

This is to certify that

Peggy Williamson

has attended and satisfactorily completed all requirements to maintain accrediatation as an AHERA Project Designer in accordance with the Toxic Substance Control Act Title (Section 206) and 40 CFR 763.

Accreditation No. (b) (6) [redacted]

Dated: December 10, 1993

Ronald E. Nowicki

Nowicki & Associates, Inc.
33516 9th Avenue South, Bldg. #6
Federal Way, Washington 98003

Certificate of Completion

This is to certify that

Peggy Williamson

has satisfactorily completed

8 hours of refresher training in

Hazardous Waste Operations & Emergency Response

in compliance with OSHA 29 CFR 1910.120

Date
August 19, 1994

Training Coordinator
Dan W. Dodi

Prezant Associates, Inc.
Environmental Health Services and Engineering

University of Washington

Northwest Center for Occupational Health and Safety

This is to certify that

Peggy Williamson

Successfully completed 28 *hours of instruction in*

Sampling and Evaluating Airborne Asbestos Dust-NIOSH No. 582

Daniel Luchsel

Instructor

June 6-10, 1994

Date

Certificate of Completion

This is to certify that

Peggy Williamson

has satisfactorily completed

8 hours of refresher training in

Health And Safety At Hazardous Waste Sites

in compliance with OSHA 29 CFR 1910.120

Date

August 19, 1993

Training Coordinator

Dan W. Dahl

Prezant Associates, Inc.
Environmental Health Services and Engineering

INSTITUTE OF HAZARDOUS MATERIALS MANAGEMENT

Peggy S. Williamson

is designated as a Senior

Certified Hazardous Materials Manager

May 1993
DATE

4189
NO

Harold M. Gordon
EXECUTIVE DIRECTOR

Certificate of Training

Environmental Health Sciences, Inc.
certifies that

Jim Kanter

has successfully completed the
Certified Asbestos Supervisor Training
in accordance with 40 CFR Part 763,
Subpart E, Appendix C, and WAC 296-65
on this 13th day of May, 1994
in Bellevue, Washington.

Expires May 13, 1995

TRAINING DIRECTOR

(b) (6)

CERTIFICATION NO.

ENVIRONMENTAL HEALTH SCIENCES, INC.
Nine Lake Bellevue Building · Suite 220 · Bellevue, Washington 98005
(206) 455-2959 Phone · (206) 646-7247 Fax

AHERA
INSPECTOR/MANAGEMENT PLANNER
CERTIFICATE

This is to certify that

Jim Kanter

has attended and satisfactorily completed all requirements to maintain accreditation as an Inspector and Management Planner including a written examination in accordance with the Toxic Substance Control Act Title (Section 206) and 40 CFR 763.

Accreditation No. (b) (6) [redacted]

Dated: December 10, 1993

Ronald E. Nowicki

Nowicki & Associates, Inc.
35516 9th Avenue South, Bldg. #6
Federal Way, Washington 98003

Certificate of Completion

This is to certify that

Jim Kanter

has successfully completed the

40-HOUR HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE TRAINING

In compliance with the

DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
(OSHA) 29 CFR 1910.120

Awarded this 26th day of March, 19 93

Steven D. Edwards

Director of Training
Certificate # (b) (6)

ENVIROCON, INC.

Converse Consultants Mountain Region, Inc.
A Wholly Owned Subsidiary of
The Converse Professional Group

October 20, 1994

94-63140-03

CH2M Hill
777 18th Avenue, N.E.
Bellevue, Washington 98004-5118

Attention: Ms. Joan Stoupa, P.E.
Project Manager

Subject: Bunker Hill Survey and Sampling Plan Amendments

Ladies and Gentlemen:

Based on our previous conversation, we agreed to amend our Survey and Sampling Work Plan as follows:

1. Start our survey and sampling in buildings reported to be fire risk structures, and report on these structures as a first priority.

2. Review the condition of all surveyed structures for safety and accessibility to perform abatement with conventional equipment and techniques. This is not a structural review or a detailed safety review, but is our observation of issues which can lead to additional considerations on structures that may pose problems for abatement. This item will be added to our survey report table.

3. Provide survey report tables on disk for EPA use with Lotus software.

These items have been implemented in our approach. Please let me know if you have any questions. I believe you will forward copies to Sean Sheldrake and Armina Nolan.

Sincerely,

CONVERSE CONSULTANTS MR, INC.

J. Tom Wise
Principal

JTW:gg

Converse Consultants Mountain Region, Inc.
1190 West River Street
Boise, Idaho 83702
Telephone (208) 388-1111
Facsimile (208) 388-1165

Converse Consultants
Mountain Region, Inc.
A Wholly Owned Subsidiary of
The Converse Professional Group

October 4, 1994

94-63140-01

CH2M Hill
777 18th Avenue. N.E.
Bellevue, Washington 98004-5118

Attention: Ms. Joan Stoupa, P.E.
Project Manager

Re: Asbestos Survey and Sampling Plan

Dear Joan,

The attached is our Survey and Sampling Plan. I have considered it a draft, and will address any questions or comments you have. You may contact me through Bison's office at (509) 624-4341 today.

We are planning to begin data gathering on site Wednesday at approximately 9:30 a.m. and can then be reached temporarily through the Pintlar office. I will plan to meet with Bill Hudson first when we arrive on site.

I did not mention mobilization and remobilization in the Plan because at this time it does not appear necessary and it does not fit within the project time frame or scope of work in our contract. If major parts of the site are unaccessible when we conduct our advance work this week, I will contact you immediately to open further discussion on this topic.

The attached Plan was adapted from a "standard" work plan used for AHERA and major industrial projects previously. It does not include minute detail, as I previously stated would be the case. Our survey approach will be adjusted, as necessary, to meet the project objectives.

We look forward to maintaining close communications with yourself and Sean and Armina throughout this project.

Sincerely,

CONVERSE CONSULTANTS MR, INC.

Tom Wise
Project Manager

Converse Consultants Mountain Region, Inc.
1190 West River Street
Boise, Idaho 83702
Telephone (208) 388-1111
Facsimile (208) 388-1165

Converse Consultants
Mountain Region, Inc.
A Wholly Owned Subsidiary of
The Converse Professional Group

BUNKER HILL SUPERFUND SITE
ASBESTOS SURVEY
AND
SAMPLING PLAN

Prepared for

CH2M HILL
777 18th Avenue, N.E.
Bellevue, Washington 98004-5118

Attention: Ms. Joan Stoupa, P.E.

Prepared by:

CONVERSE CONSULTANTS MR, INC/
1190 West River Street
Boise, Idaho 83702

December 20, 1994

Converse Consultants Mountain Region, Inc.
1190 West River Street
Boise, Idaho 83702
Telephone (208) 388-1111
Facsimile (208) 388-1165

BUNKER HILL SUPERFUND SITE
ASBESTOS SURVEY AND SAMPLING PLAN
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Attachment: **PROJECT TIME SCHEDULE**

BUNKER HILL
ASBESTOS SURVEY PLAN

1.0 PURPOSE OF SURVEY

The purpose of this first phase of our work is to provide an asbestos survey prior to abatement and demolition of structures of this Superfund Cleanup Site. The next phase is to provide design and bid assistance, based on the survey results. Therefore, our purpose is to provide a comprehensive asbestos assessment that will provide the basis for abatement design and bid functions.

The project contract (from proposal) provides a detailed Scope of Work which has been supplemented by an additional discussion on site safety, sampling requirements, survey contents and the purpose of the survey. Participants in the discussion included: Joan Stoupa, P.E. Project Manager CH2M Hill; Armina Nolan, NESHAP Coordinator USEPA; Sean Sheldrake, Project Manager, USEPA; Don Hurst, Field Manager, Converse/Bison; Peggy Williamson, Survey Team Leader, Converse/Bison; and Tom Wise, Project Manager, Converse/Bison.

2.0 PRESURVEY REQUIREMENTS

Besides the preparation of this Asbestos Survey Plan, the CONVERSE/BISON team has established sampling and labeling strategies, enabling the selection and procurement of label materials and sample equipment. Additional techniques may be incorporated based on site experience.

Also, a site specific Health and Safety Plan has been drafted for the survey mobilization. The Plan is a separate document. Plan requirements include personal protective equipment and decontamination facilities. Decontamination facilities are being rented from Pintlar Corporation.

An advance team comprised of the CONVERSE/BISON survey project managers and team leaders will visit the site prior to the full survey teams arrival to assess survey approaches, materials, personal protective equipment (PPE), accessibility and safety issues.

3.0 FIELD DOCUMENTATION

3.1 Survey Forms

Documentation of results will begin during the field survey and continue until the report is finalized. During the field survey, two forms will be initiated to record the necessary information:

- Site Survey Log
- Asbestos Survey Data Form (and Bulk Data Form)
- Laboratory Chain-of-Custody Form

The information on these forms provides complete documentation of field conditions, sample collection, and chain-of-custody.

3.1.1. Site Survey Log

The survey team will complete a Site survey Log Form for each day survey work is conducted. This form summarizes general information regarding the facility descriptions, the time the building was surveyed, conversations that transpired during the course of the survey, and any problems encountered during the survey. It also includes documentation of PPE use and health and safety sampling performed.

3.1.2 Asbestos Survey Data/Bulk Data Form

All facilities to be surveyed will be inspected for ACM. The survey team will take samples of friable and non-friable suspect materials. All information will be thoroughly documented on the Asbestos Survey Data Form. Suspect material locations that cannot be accessed will be documented on this form, with observations relating to presence or absence of suspect Homogeneous ACM and quantification estimates.

3.1.3 Chain-of-Custody Form

A chain-of-custody form will be initiated by the field survey teams for each daily lot of samples collected. The form will provide for specific identification of the contents and have successive signature lines for each time the package changes hands. Similar chain-of-custody forms will be used for QA/QC or overflow samples sent from the Converse Laboratory to the QA/QC laboratory.

4.0 SURVEY

4.1 Visual Inspection

A visual inspection will be performed of all structures to determine if suspect asbestos materials are present. Samples of suspect materials will be collected during this inspection as described in Section 4.2. Sample locations will be notated in the report.

Quantification will be made of materials confirmed to be ACM by methods suitable to the circumstances. This shall include measurements with tapes, measuring wheels or electronic devices. As-built drawings may be used, if they are confirmed to be reliable.

4.2 Sampling

Friable and non-friable suspect material found during the survey will be sampled to determine if asbestos materials are present. Items to be sampled include but are not limited to:

- TSI on pipelines, tanks, vessels, etc.
- Contamination on structures and in soil.
- Building materials including roofing, flooring, wall material, grout and other miscellaneous materials.

Suspect materials that are not accessible will be documented on the Asbestos Survey Data Forms and will become part of the assessment report.

4.3 Sampling Strategy

The following table lists the proposed number of samples to be collected for materials of homogenous appearance that we attempting to define as Non-Asbestos Materials. All sample locations within homogeneous materials or areas will be randomly selected. The sampling is being being defined by the number of samples it will take to define the extent of Non-ACM areas. Materials will be confirmed as ACM by one positive sample.

BULK MATERIAL SAMPLING STRATEGY
TO CONFIRM NON-ACM AREAS

MATERIAL	AREA/LENGTH	UNITS*	MINIMUM NO. OF SAMPLES
Friable Surfacing	<5,000	SF	2
	>5,000	SF	3
Pipe Insulation (Per Size)	<1,000	LF	1-3
	≥1,000	LF	3-5
Pipe Fittings (Per Size)	Room or Area	EA	1-3
Miscellaneous Friable & Non-Friable Materials	<5,000	SF	2
	>5,000	SF	3

*Units abbreviations are: LF = linear feet, SF = square feet, EA = each.

4.4 Sample Collection Procedures

Depending upon material condition and location, sample collection may be performed by a technician wearing a respirator and other protective clothing. Spots where samples are collected will be identified by bright yellow paint.

All sample locations will be marked with a Tyvec tag bearing the letters CONVERSE/BISON, the sample sequence number, the inspector and the date. This tag will be affixed to the sample points by a wire or other permanent means.

Samples will be collected by use of either a coring device, knife or other means. The sampling procedure will consist of the following steps:

Step 1. Wet surface to be sampled.
Step 2. Remove sample.
Step 3. Immediately place sample in sample container.
Step 4. Attach sample label to container.
Step 5. Note sample on Asbestos Survey Data Form/Bulk Sample Form.
Step 6. Attach sample I.D. label to sample location.
Step 7. Paint location with visible yellow paint, or in obscure locations paint an indicator arrow on access way leading to sample location.

4.5 Sample Identification System

Each sample will be identified on the sample bag by a label consisting of the consulting firm name and a unique sequential number for that individual sample.

CONVERSE/BISON
000000000000

4.6 Sample Packaging

At the time of collection all samples will be placed in labeled, airtight polyethylene bags. At the completion of sampling all bags will be placed in larger plastic bags which, in turn, will be sealed inside appropriately-sized cardboard boxes. Chain-of-custody will be initiated, and the Bulk Material Data Form will be enclosed within a plastic bag and are placed inside the cardboard box.

4.7 Chain-of-Custody Procedures

A standardized document will be utilized for tracking of all samples being collected and transported to the Converse Laboratory in Boise or FRS Geotech in Denver, Colorado. The intent of the chain-of-custody procedure is as follows:

- To ensure that samples are handled appropriately.
- To ensure that only designated personnel obtain custody of the samples.
- To ensure that samples accepted by the laboratory are not tampered with, are intact, and are in as-packaged condition.

The field survey technicians will initiate the chain-of-custody form for each lot of samples collected during the survey.

Each time the samples change hands, successive lines of the transfer information will be completed. Ultimately, the final "received by" signature will be that of the designated laboratory representative.

Upon receipt at the laboratory, the security and condition of each package will be verified. Upon acceptance of the package by the lab. each sample received will be cross-checked with those listed as collected at the bottom of the form.

The chain-of-custody will become a permanent part of the project data. Throughout the process, the number of personnel involved in transferring samples will be minimized.

5.0 BULK SAMPLE ANALYSIS

5.1 Procedures for Receiving and Logging Samples

The Laboratory Coordinator or his designated representative will be responsible for receipt and acceptance of all samples submitted to the laboratory. Upon receipt of samples the following steps will be followed:

Step 1. The receiver will inspect each package for damage and ensure that the security seal is undisturbed.

Step 2. If damage is evident or if the seal is broken, the receiver will not submit the affected samples to the laboratory until the matter has been resolved to his satisfaction.

Step 3. After acceptance of each package the receiver will sign and date the chain-of-custody information on behalf of the laboratory facility. If the samples have been received from a commercial carrier, the package receipt from that carrier will be attached to the data form.

5.2. Analytical Methods

All bulk samples will be analyzed for mineral composition, using polarized light microscopy with dispersion staining (PLM/DS). This analysis will be performed in accordance with "Interim Method For the Determination of Asbestos in Bulk Insulation Samples," EPA-600/M4-82-020, as amended.

5.3 Analytical Results

Analytical results for each sample will indicate the following:

- Name of Analyst.
- Date of Analysis.
- Project Identification.
- Sample Identification.
- Type of Asbestos, if any.
- Asbestos Content (percent), if any.

6.0 QUALITY ASSURANCE PROCEDURES

CONVERSE/BISON's Quality Assurance/Quality Control (QA/QC) Program will be integral to all aspects of the survey program. QA/QC elements start with all planning and presurvey documentation and carry through to the final survey report. CONVERSE/BISON's objectives in establishing QA/QC measures are as follows:

- To ensure consistent results among all involved participants and among all facilities surveyed.

- To ensure accurate, reliable, and verifiable results in all phases of the survey.

- To produce a technically sound presentation of complete and verifiable findings.

In general, CONVERSE/BISON places a special emphasis on producing a final product which is scientifically sound, is sensitive to the client's needs, and exhibits the highest professional standards. In striving to achieve these goals, CONVERSE/BISON incorporates in its QA/QC such elements as:

- Participation in the only available national quality control program for bulk asbestos.
- State-of-the-art training of project staff.
- Minimum education requirements of project personnel.
- Presurvey planning and staging.
- Standardized documentation formats.
- Standardized field and laboratory protocols.
- Use of state-of-the-art methodologies.
- Implementation of confidentiality and security measures.

6.1 Bulk Sample Analysis Accreditation

CONVERSE is currently accredited in the National Institute of Standards and Technologies (NIST) National Voluntary Laboratory Accreditation program (NVLAP). Converse's laboratory number is 2091.

FRS Geotech, Inc. is currently accredited in the National Institute of Standards and Technologies (NIST) National Voluntary Laboratory Accreditation program (NVLAP). FRS Geotech's number is 2078.

Currently all analyses in these two laboratories is conducted by scientists with minimum five years' asbestos analytical experience and related college degrees, primarily master degrees.

6.2 Field Quality Control

6.2.1 Staff Training

The CONVERSE/BISON Survey Team Leaders assigned to the field survey will have the following minimum qualifications:

1. Bachelor of Science Degree.
2. Minimum five years asbestos survey experience.
3. Maintain current EPA accreditation for "Inspecting Buildings for Asbestos-Containing Materials."
4. Maintain current EPA accreditation for "Management Planners" (Asbestos).
5. Maintain current EPA accreditation for "Designers" (Asbestos).
6. Maintain current EPA accreditation for "Contractor/ Supervisor."

7. Performed and directed multi-facility asbestos survey work.

6.2.2 Planning and Preparation

Each survey tasks will be preplanned and organized in order to maximize consistency and to obtain quality results. A checklist of all required documents, equipment, and supplies will be used to ensure completeness.

6.2.3 Documentation

Standardized forms will be utilized for the compilation of pertinent field data. The use of these documents is presented in previous sections. These documents will include:

- Site Survey Log.
- Asbestos Survey Data/Bulk Sample Data Form.
- Chain-of-Custody Form.

6.2.4 Sampling Protocol

Each technician will be trained in the required methods for collecting samples. These procedures follow recommended EPA protocol.

6.2.5 Side-by-Side Sampling

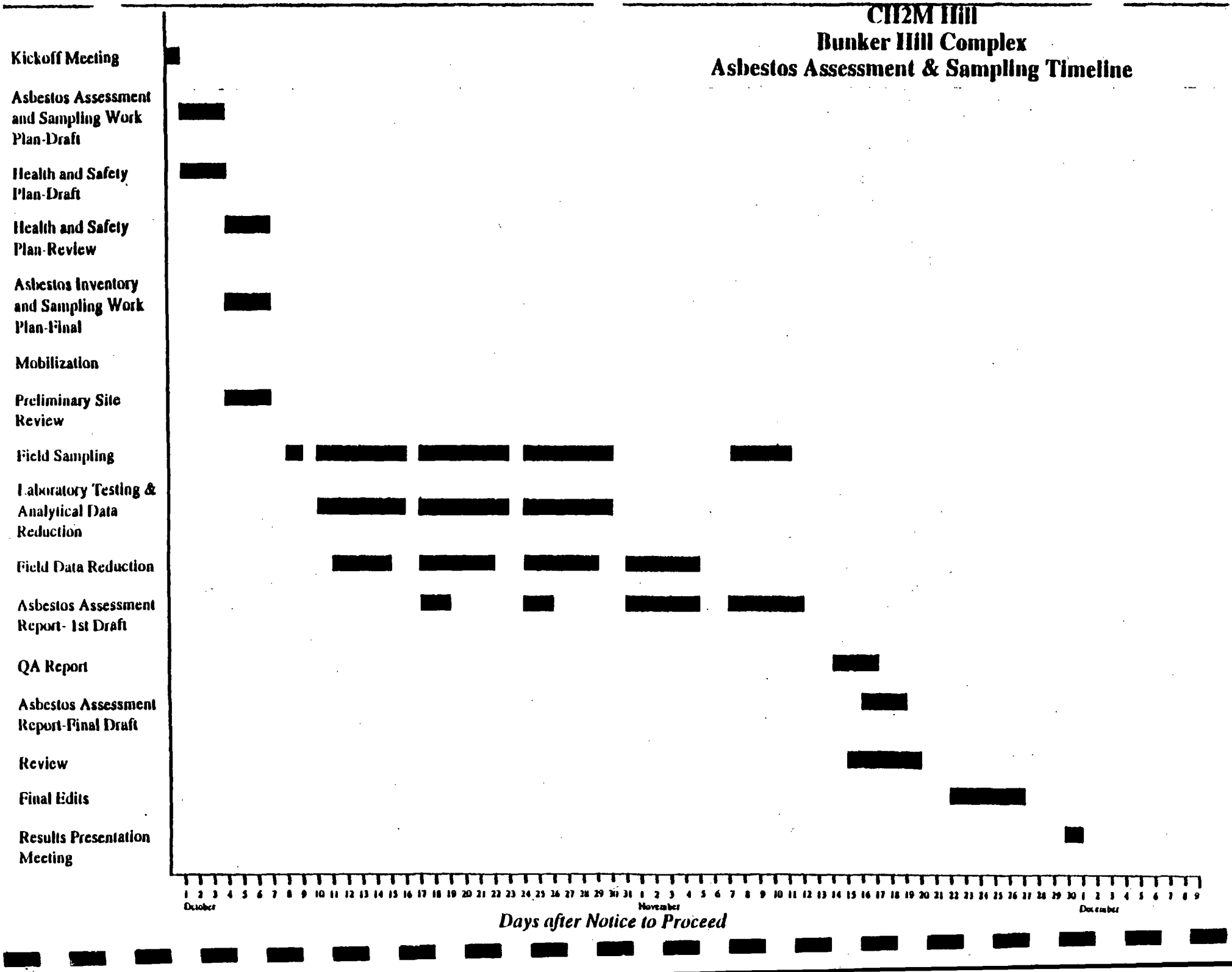
Each technician will collect one replicate sample per 20 samples as a quality control sample operation.

6.2.6 Field Data Verification

At the end of each day's activity, a technician will review all forms and data collected to ascertain there are no missing data, as well as accuracy of data and proper completion of all forms. This will help ensure that data are complete and accurate while the survey teams are on site.

6.2.7 Reports to Management

Also on a weekly basis, the Laboratory Manager will prepare a summary review of all analyses performed during that week. These reports will document the results of the analyses and will be submitted to the Project Manager and Field Manager for review. The Field Manager will report field survey progress weekly, and adjust survey crew size to meet intended schedules.

THE END

CH2M Hill
Bunker Hill Complex
Asbestos Assessment & Sampling Timeline