ASBESTOS-CONTAINING MATERIALS ASSESSMENT

FOR THE

SENECA ARMY DEPOT

D1936

(64 127)

AREA 1
SOUTH ADMINISTRATION AREA

FINAL REPORT
REVISION 1.0

DECEMBER 22, 1988

GALSON PROJECT No. A1-001

Galson & Galson P.C.
Consulting Engineers
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SENECA ARMY DEPOT

AREA 1
SOUTH ADMINISTRATION AREA

FINAL REPORT

REVISION 1.0

DECEMBER 22, 1988

GALSON PROJECT NO. A8-002

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AREA 1 - BUILDING LIST

Results for the following buildings can be found in this report:

BUILDING NO:	BUILDING NAME
101	Post Headquarters
102	Transformer House
103	Fire Station
104	Sentry Station
106	Health Clinic
110	Scale House
113	Box & Crate Shop
114	Warehouse
115	Administration
116	Family Housing/Transportation
117	Engineer Field Maintenance Shop
118	Motor Repair Shop
119	Office
120	Gas Station
121	Heating Plant
122	Facility Engineering Shops
123	Engineering
124	Facility Engineering Shops
125	Procurement Office
126	Depot Youth Center
127	R.R. Equipment Maintenance Shop
128	Rock Salt Storage
130	Pump House
135	Heavy Equipment Storage
136	Picnic Shelter
138	Car Wash
S142	NCO Open Mess
143	Cable House

AREA 1 - BUILDING LIST (continued)

312	Flammable Materials Storage
319	Heating Plant
320	General Purpose Warehouse
321	TMDE/DOA Office
323	General Purpose Warehouse/Administration

ABSTRACT

A survey was conducted to assess the location, condition, and quantity of asbestos-containing materials in selected buildings at the Seneca Army Depot in Romulus, New York.

Accessible spaces of the buildings were inspected for the presence of asbestos-containing materials. Bulk samples were collected from each functionally distinct material suspected to contain asbestos.

In general, the locations of most damaged asbestos-containing materials were building basements, mechanical spaces, and some crawl spaces. A number of buildings were surveyed and were visually found to contain no asbestos-containing materials.

GALSON recommends that an Asbestos Management Program be established. This program must be designed to (1) clean up asbestos fibers previously released, (2) prevent future release by minimizing disturbance of or damage to existing asbestos-containing materials and (3) monitor the condition of asbestos-containing materials. This program should continue until all such materials have been removed or encapsulated and enclosed.

PROJECT PERSONNEL

Facilities Engineers - Seneca Army Depot

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APPENDICES

1.0 INTRODUCTION

GALSON & GALSON (GALSON) was retained by the Seneca Army Depot to conduct an assessment of asbestos-containing materials in buildings. The assessment was conducted over a period beginning in January 1988 and ending in March 1988. A listing of the assessed buildings is presented in Table 1.

The purposes of the assessment were:

1. To provide Seneca Army Depot, Facilities Engineering with information concerning asbestos in building spaces which can be used as an aid in future renovation planning.

2. To bring to the attention of the Seneca Army, Facilities Engineering, spaces which are in need of immediate action to correct a potential asbestos exposure situation.

3. To prioritize spaces in need of near term asbestos abatement so that the Seneca Army Depot, Facilities Engineering Dept. can allocate asbestos abatement resources according to a rational plan.

4. To provide asbestos abatement conceptual cost estimates.

A visual inspection of accessible areas in each building was conducted. Bulk samples of representative suspect asbestos-containing materials were collected. Individual rooms or spaces in each building were the largest discrete areas used in describing the locations of asbestos-containing materials sampled or observed.

2.0 SURVEY METHODS AND PROCEDURES

2.1 ASSESSMENT PROCEDURES

During the assessment the site survey team consisted of three industrial hygiene technicians, one industrial hygiene specialist, and one project engineer. A total of 33 buildings for AREA 1, were assessed over a 12 week period.

Locations of suspected asbestos-containing material were visually identified by the assessment personnel. The buildings were inspected on a room by room basis with special emphasis given to areas most likely to contain friable asbestos-containing materials. Mechanical rooms were inspected for thermal insulation on boilers, water heaters, hot water tanks, piping systems, condensate tanks, fittings, boiler breeching, fan housings, duct work, etc.

Other service areas such as pipe and duct chases, plenums, electrical rooms, janitors closets, lavatories, kitchens, etc., were inspected for thermal insulation on mechanical systems, for asbestos-containing surface treatments and for other asbestos-containing materials.

Occupied spaces, such as offices, laboratories, classrooms, dormitory rooms, lobbies, corridors, etc., were inspected for piping systems, duct work and surface treatments such as structural fireproofing, acoustical plaster and thermal insulation. Representative observations were made at selected locations above laid-in ceiling tiles and through ceiling access panels where present.

Quality control measures were integrated into the field assessment. All assessors received pre-assignment orientation and training regarding the purpose, scope and task elements of the assignment.

Reassessments of representative field data sheets were performed by the project manager. These measures assured consistency among assessors and provided for immediate resolution of discrepancies as they arose.

It was discovered that the correlation between appearance and asbestos content was poor for asbestos-insulating cement compounds on fittings. Therefore, where some fittings were found to be insulated with asbestos-containing trowelled on material in a given space, it would be prudent to assume that all such fittings are so insulated.

Cementitious materials such as transite wall and ceiling board were sampled, or visually identified where it was felt that knowledge of their asbestos content would allow the Seneca Army Depot Facilities Engineer to take prudent precautions when cutting, drilling, sawing or sanding such materials. Floor tiles were sampled whenever a non-destructive sample could be obtained. Floor tile samples were not taken in some areas where a destructive sample was required. Sheet floor coverings were sampled using a similar procedure.

Roofing materials were not sampled in inclement weather, especially during the winter months. Given the age of the buildings surveyed, the roofing materials should be assumed to contain asbestos. The presence of asbestos-containing roofing materials posed no health threat to the building occupant. Any contractor performing work which involves removing or disturbing the roof should be informed of the presence of the asbestos so that they may take appropriate precautions.

The asbestos-containing core material in the composite fire doors is extremely friable and if disturbed could easily release asbestos fibers. Any holes in the fire doors should be plugged and sealed. Special precautions should be taken if holes must be made in the doors. In particular, the worker performing this work should wear a respirator which is NIOSH approved for use with asbestos, and an appropriate drilling device. Any composite fire door which is to be disposed should be sent to a landfill legally capable of accepting asbestos waste.

Quality control measures were integrated into bulk sample collection and analysis. The bulk samples were collected in triplicate and submitted to the laboratory. All bulk samples were analyzed by the GALSON laboratory using polarized light microscopy and dispersion staining techniques. A description of the analytical method is included in Appendix A. Quality control data and procedures are presented in Appendix B. Results of bulk sample analyses are listed in Appendix C. Appendix C 1 lists lab results by building number, and Appendix C 2 lists laboratory results by laboratory batch number.

3.0 ASBESTOS ABATEMENT COST ESTIMATE

Conceptual cost estimates were derived from take-offs obtained primarily from on-site observation. Where asbestos-containing materials were inaccessible, such as behind walls or above ceilings, take-offs in the absence of drawings, were estimated based on building dimensions and use of the affected spaces (kitchens, laboratories, lavatories, etc.).

The total quantity of suspect material was tallied on a room by room basis from observations and without the aid of mechanical and architectural drawings. The tallies and field data were keyed to sample numbers. The Building Summaries identify the location and condition of the asbestos-containing building materials.

Cost estimates were generated for the removal of all asbestos-containing materials.

Cost estimates for gross removal are based on unit rates for area preparation, asbestos removal and area clean-up using data obtained from past similar jobs. Unit costs were applied to such items as barrier materials, safety equipment, HEPA ventilation equipment, removal/clean up equipment, scaffolding, disposal, environmental quality assurance, replacement, etc. Average crew member labor rates of $33.95 were used for full containment removal, based on information obtained from past asbestos abatement experience. These unit costs include benefits, overhead (10 percent) and profit (15 percent). Crew sizes of five (5) were used for full containment estimates.

Some unit costs were obtained from Means Building Construction Cost Data 1988. Other units were obtained from contractor-supplied data.

A phased abatement strategy was not used for the affected buildings. For full containment removal, a phase would be made up of a group of contiguous rooms which comprised one work area. Actual phasing will depend upon Seneca Army's ability to relocate personnel and operations within a building.

In general, it is more economical to make phases as large as possible. Savings are realized from reduced costs of mobilization, decontamination systems, disposal and environmental quality assurance. Phase sizes are limited by the practical problems of scheduling shutdowns and locating alternative work space for those who must be relocated.

1. Full scale removal. Full scale removal involves the total isolation of the work area walls, ceilings and floors, installation of decontamination systems for employees and equipment, use of personal protective equipment, use of wet methods for removal, use of HEPA filtered vacuums and negative air systems, adherence to approved disposal methods and environmental quality assurance.

Cost estimates exclude costs of pre-construction design services such as abatement contract drawing and specification writing, relocation of personnel, removal of movable objects, removal and replacement of barriers (ceilings and walls) and removal and replacement of light fixtures and HVAC equipment.

Cost estimates for each building are presented in Section 5, Building Summaries.

4.0 RECOMMENDATIONS

Financially, it is not feasible to remove all asbestos-containing materials from the facility in the next few years, even with perfect planning and scheduling. The High Priority List (Table 2) was generated to provide the Seneca Army Depot, Facilities Engineering a practical means to approach asbestos abatement.

The High Priority List presents spaces or building in need of short-term corrective action, ideally asbestos removal. As a minimum, all access points to these spaces should be cordoned off and sealed with six mil polyethylene. Warning signs should be posted to prevent unauthorized entry until such time as remediation is completed.

GALSON recommends that a long-term Asbestos Management Program be designed and implemented at the Seneca Army Depot. The program must remain in effect until such time as long-term control measures are completed. The program must have clearly assigned administrative responsibilities. It must contain, as a minimum, the following elements.

1. Educate building occupants in the potential health risks associated with asbestos-containing materials in the buildings.

2. Establish a system to alert maintenance personnel to the presence of asbestos-containing materials.

3. Conduct periodic inspections and perform periodic air monitoring to detect changes in the asbestos-containing material.

4. Establish maintenance procedures for work which may impact asbestos-containing materials.

5. Implement appropriate custodial dust control procedures, e.g., use of HEPA-filtered vacuums for cleaning where there is reason to believe the asbestos-containing material has released asbestos fibers.

If, after the program is in effect, periodic reinspection demonstrates deterioration of the integrity of materials, or if renovations are required, the management program can present a method for positive control.

5.0 BUILDING SUMMARIES

A summary of each building is presented as follows:

- General description of the building including assessment results.
- Bulk Sample Detail Sheet including quantity data.
- Cost estimates.

Keys explaining the various abbreviations are presented in Tables 6 and 7 which precede the summaries.

In addition, the following conditions should be considered:

1. Bulk Sample Detail Sheet Comments - Comments listed on each bulk sample detail sheet were generated from field notes collected by GALSON surveyors. Consequently, this information should only be considered an observation and not a conclusive finding (i.e., the term VAT as found in the comment section of the bulk sample detail sheet).

2. Bulk and Reference Samples - A bulk sample analysis report (see appendix C) is provided for bulk samples collected during the Seneca Army Depot asbestos containing materials assessment. The results for individual samples are listed according to sample site identification code (see Table 6). These correspond to the codes (sample type B) on the bulk sample detail sheet (see each individual building summary). In addition, reference samples (sample type R) are used to indicate similar materials that were not sampled but were "referenced" to actual bulk sample locations. Because of this, reference samples are not listed in the laboratory report. Reference samples are assumed to have the same laboratory result as their corresponding bulk sample. This would be a reference sample and a bulk sample from the same building with the same site number.

3. Transite Samples - Transite materials identified during the GALSON survey are designated with a sample type T. These materials were not physically sampled, but were visually identified. This was chosen because transite

materials are difficult to sample due to their rigid structural state. In cases where a sample could be taken, a sample type B was used.

4. Clear and Assumed Positive Samples - Clear samples (sample type C) are used to indicate spaces or buildings where no asbestos containing materials were observed. Assumed positive samples (sample type N) are used to indicate materials that were not physically sampled, but were assumed positive for asbestos. These materials were not sampled due to inaccessibility or security restrictions.

TABLE 1
SENECA ARMY DEPOT
AREA 1
SOUTH ADMINISTRATION AREA

BUILDING NO:	BUILDING NAME
101	Post Headquarters
102	Transformer House
103	Fire Station
104	Sentry Station
106	Health Clinic
110	Scale House
113	Box & Crate Shop
114	Warehouse
115	Administration
116	Family Housing/Transportation
117	Engineer Field Maintenance Shop
118	Motor Repair Shop
119	Office
120	Gas Station
121	Heating Plant
122	Facility Engineering Shops
123	Engineering
124	Facility Engineering Shops
125	Procurement Office
126	Depot Youth Center
127	R.R. Equipment Maintenance Shop
128	Rock Salt Storage
130	Pump House
135	Heavy Equipment Storage
136	Picnic Shelter
138	Car Wash
S142	NCO Open Mess
143	Cable House
312	Flammable Materials Storage
319	Heating Plant
320	General Purpose Warehouse
321	TMDE/DQA Office
323	General Purpose Warehouse/Administration

TABLE 2
HIGH PRIORITY LIST
SENECA ARMY DEPOT

AREA 1 SOUTH ADMINISTRATION AREA

NO	DESCRIPTION	EXPLANATION
101	Administration	In the Conference Room, air cell pipe insulation has been cut lengthwise, leaving the top half of the insulation in place, this condition leaves the insulation in a very friable condition.
115	Post Headquarters	The asbestos containing pipe insulation is in poor condition throughout the ceiling crawlspace above the hallway.
117	Engineer Field Maintenance Shop	The main bay area has damaged asbestos pipe and pipe fitting insulation. There is also asbestos-containing debris on the floor.
120	Gas Station	The asbestos containing pipe and pipe fitting insulation in the Utility Room is damaged with debris present on the concrete floor.
127	R.R. Equipment Maintenance Shop	The asbestos-containing pipe insulation is in poor condition. Asbestos containing debris is on the floor.

TABLE 3
BUILDINGS CONTAINING NO OBSERVED ASBESTOS - CONTAINING MATERIALS
SENECA ARMY DEPOT
AREA 1
SOUTH ADMINISTRATION BUILDINGS

BUILDING NO.	BUILDING NAME
102	Transformer House
104	Sentry Station
110	Scale House
114	Warehouse
116	Family Housing/Transportation
118	Motor Repair Shop
119	Office
123	Engineering
126	Depot Youth Center
128	Rock Salt Storage
130	Pump House
136	Picnic Shelter
138	Car Wash
143	Cable House
312	Flammable Materials Storage
320	General Purpose Warehouse
321	TMDE/DQA Office

TABLE 4
SENECA ARMY DEPOT
BUILDINGS CONTAINING TRANSITE BUILDING MATERIALS

AREA 1 SOUTH ADMINISTRATION AREA

BUILDING NO.	BUILDING NAME
124	Facility Engineering Shops
135	Heavy Equipment Storage
S-142	NCO Open Mess

TABLE 5

BUILDINGS CONTAINING ASBESTOS-CONTAINING MATERIALS

SENECA ARMY DEPOT

AREA 1 SOUTH ADMINISTRATION AREA

BUILDING NO.	BUILDING NAME
101	Post Headquarters
103	Fire Station
106	Health Clinic
113	Box and Crate Shop
115	Administration
117	Engineer Field Maintenance Shop
120	Gas Station
121	Heating Plant
122	Facility Engineering Shops
124	Facility Engineering Shops
125	Procurement Office
127	R.R. Equipment Maintenance Shop
135	Heavy Equipment Storage
S-142	NCO Open Mess
319	Heating Plant
323	General Purpose Warehouse/Administration

TABLE 6

SAMPLE SITE IDENTIFICATION CODE EXAMPLE

EXAMPLE	1	2	3	4	5
	4	WLPL-	1-	B-	1

SAMPLE I.D.

1. Building Number
2. System Identification Code Abbreviation (See next page).
3. Sample Number
4. B - Bulk Sample
   R - Referenced Sample
   C - Clear Area
   N - Assumed to be Asbestos Containing Material
   T - Visually Identified Asbestos Containing Transite Material
5. Triplicate Sample Sequence Number or Reference Sample Sequence Number

TABLE 7
SYSTEM IDENTIFICATION CODE ABBREVIATIONS USED IN BULK SAMPLE LOCATIONS
ASBESTOS MATERIALS ASSESSMENT
SENECA ARMY DEPOT

SYSTEM ID CODE	DESCRIPTION
ATIN	Attic Insulation
CL	Ceiling (Type Not Specified)
CLCT	Ceiling - Coating
CLGL	Ceiling - Glued Tile
CLLI	Ceiling Tile - Lay in
CLPL	Ceiling - Plaster
CLSFP	Ceiling - sprayed-on fireproofing
CLSH	Ceiling - Sheetrock
CLSP	Ceiling Tile - Splined
CLTH	Cloth
CLTX	Textured Acoustical
DEB	Debris - unspecified
DOOR	door core insulation - fire door
ESHIN	Exterior - wall shingles
EVABR	Exterior-vapor barrier wall/roof
FICHW	Chilled water system fittings
FICOND	fitting- condensate
FIDCW	Domestic Cold Water Fitting
FIDHW	Fitting - Domestic hot water
FIHW	Fitting - Heating hot water
FIREF	Fittings - Refrigeration
FISTM	Fitting - Steam
FIT	Fitting (Type Not Specified.)
FLCAR	Carpeted Floor
FLMAS	Mastic Floor
FLR	Floor (Type not Specified.)
FLVCS	Vinyl Composite Sheet Floor
FLVCT	Vinyl Composite Tile Floor
HDUCT	Duct
HDUPT	HVAC -Duct joint tape/compound
HFANH	HVAC - Fan housing/plenum
HFLEX	HVAC - Flexible duct/flex duct joint
MBLR	Mech Equip. - Boiler
MBRCH	Mech Equip. - Boiler breeching
MCHLR	Mech Equip. - Chiller
MDHWTK	Mech Equip.- Domestic hot water tank
MEQIN	Mech Equip. - Insulation
MFLUE	Mech Equip. - Flue
MHX	Mech Equip. - Heat exchanger
MTK	Mech Equip. - Tank
PI	Pipe (Type Not Specified)
PICHW	Chilled water system piping
PICOND	Piping - Condensate
PIDCW	Domestic Cold Water Pipe
PIDHW	Piping - Domestic hot water
PIHW	Piping - Heating hot water
PIREF	Piping - Refrigeration
PISTM	Piping - Steam

TABLE 7
SYSTEM IDENTIFICATION CODE ABBREVIATIONS USED IN BULK SAMPLE LOCATIONS
ASBESTOS CONTAINING MATERIALS ASSESSMENT
SENECA ARMY DEPOT (Cont'd)

SYSTEM ID CODE	DESCRIPTION
PITRAN	Piping - Transite
RFAG	Asphalt and Gravel
RFAT	Asphalt and Gravel
RFFLT	Roof - Felt material
RFROLL	Roof - Rolled sheet type
RFSH	Roof - Shingled
WL	Wall - Unspecified type
WLACP	Wall - Acoustic panels
WLACT	Acoustic Tele
WLCEM	Wall - (Asbestos) cement
WLCT	Wall - Coating unspecified
WLJ	Wall - Joint tape/Joint compound
WLPL	Wall - Plaster
WLPLTR	Wall - Plaster troweled-on
WLSFP	Wall - Sprayed-on fireproofing
WLSH	Wall - Sheetrock
WLSPAC	Wall - Sprayed-on acoustic material

AREA I

SOUTH ADMINISTRATION AREA

SENECA ARMY DEPOT

Building No: 101

Building Name: Post Headquarters

Estimated Gross Floor Area: 14,772 Square Feet

Architecture: Two story brick and concrete block structure with basement

Heating System: Steam Radiated Heat

Assessment Results: Asbestos-containing building material was found on pipes and pipe fittings throughout the entire basement level and first floor level. The insulation is in fair condition, with the exception of the Conference Room; above the new lay-in ceiling is asbestos-containing air cell pipe insulation that has been cut lengthwise, with the top half of the insulation remaining on the pipe. This insulation is in a very friable condition and it should be removed and the entire ceiling and room cleaned appropriately. Asbestos-containing building material was found on pipes and pipe fittings and insulation within the boiler outer shell and the packing material around the nozzle gun. These materials are in fair to good condition. Floor tile throughout the entire building contains no asbestos.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 101

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
PISTM	001	R 09	1ST FLOOR	5000	24	0	0	0	0	0	0	0	SHEET VINYL THRU-OUT W/ CARPT IN COMMAND OFFICE.CEIL-LAYIN BLK TILE
NOACM	004	C 01	2ND FLOOR	5000	**** No ACM Materials Found. ****								SECOND FLOOR IS THE SAME AS THE FIRST
PISTM	001	B 01	BOILER RM.	486	90	0	0	0	0	0	0	0	Concrete rm.-block walls-w/fiberglass ins. on ceiling-some on piping
PISTM	001	B 02	BOILER RM.	486	0	0	0	0	0	0	0	0	
PISTM	001	B 03	BOILER RM.	486	0	0	0	0	0	0	0	0	
FISTM	002	B 01	BOILER RM.	486	0	0	0	28	0	0	0	0	Condition of aircell and wetpack in fair condition.
FISTM	002	B 02	BOILER RM.	486	0	0	0	0	0	0	0	0	Condition of aircell and wetpack in fair condition.
FISTM	002	B 03	BOILER RM.	486	0	0	0	0	0	0	0	0	
MBLR	003	B 01	BOILER RM.	486	0	0	0	0	0	0	180	0	101.03 is sample of insulation with in the boiler skin.
MBLR	003	B 02	BOILER RM.	486	0	0	0	0	0	0	0	0	
MBLR	003	B 03	BOILER RM.	486	0	0	0	0	0	0	0	0	
HDUTP	004	B 01	BOILER RM.	486	0	0	0	0	0	0	1	0	101.04 is sample of mat'l packed around boiler at fire box of nozzle.
HDUTP	004	B 02	BOILER RM.	486	0	0	0	0	0	0	0	0	
HDUTP	004	B 03	BOILER RM.	486	0	0	0	0	0	0	0	0	
PISTM	007	B 01	BREAK RM.	195	20	0	0	0	0	0	0	0	Aircell pipe insulation in small storage room of break room.
PISTM	007	B 02	BREAK RM.	195	0	0	0	0	0	0	0	0	
PISTM	007	B 03	BREAK RM.	195	0	0	0	0	0	0	0	0	
PISTM	001	R 07	CONFERENCE	622	124	0	0	0	0	0	0	0	Aircell insulation has been cut in half lengthwise because closeness o
FISTM	002	R 04	CONFERENCE	622	0	0	0	42	0	0	0	0	pipe risers up thru ceiling to 1st floor
CLLI	008	B 01	CONFERENCE	622	0	0	0	0	0	0	672	0	carpeted floor
CLLI	008	B 02	CONFERENCE	622	0	0	0	0	0	0	0	0	
CLLI	008	B 03	CONFERENCE	622	0	0	0	0	0	0	0	0	
PISTM	001	R 05	COPY ROOM	480	40	0	0	0	0	0	0	0	40 ft. preformed pipe insulation with fiberglass insulated risers.
FISTM	002	R 02	COPY ROOM	480	0	0	0	42	0	0	0	0	
CLGL	005	B 01	COPY ROOM	480	0	0	0	0	0	0	480	0	Copy rm in basement.
CLGL	005	B 02	COPY ROOM	480	0	0	0	0	0	0	0	0	copy room in basement
CLGL	005	B 03	COPY ROOM	480	0	0	0	0	0	0	0	0	Copy rm. in basement.
FLVCT	006	B 01	COPY ROOM	480	0	0	0	0	0	0	480	0	101.06 -brown tile 9 x 9
FLVCT	006	B 02	COPY ROOM	480	0	0	0	0	0	0	0	0	101.06 brown tile 9 x 9
FLVCT	006	B 03	COPY ROOM	480	0	0	0	0	0	0	0	0	101.06 brown tile 9 x 9
PISTM	001	R 08	INTRN SRVC	1296	65	0	0	0	0	0	0	0	BLOCK GLUE ON CEILING IN ALL AREAS
FISTM	002	R 05	INTRN SRVC	1296	0	0	0	3	0	0	0	0	
CL	009	B 01	INTRN SRVC	1296	0	0	0	0	0	0	1296	0	
CL	009	B 02	INTRN SRVC	1296	0	0	0	0	0	0	0	0	

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 101

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
CL	009	B 03	INTRN SRVC	1296	0	0	0	0	0	0	0	0	
PISTM	001	R 02	JANITOR SV	40	10	0	0	0	0	0	0	0	This room is next to storage rm. le ading to the corridor.
PISTM	001	R 06	MAIL ROOM	750	100	0	0	0	0	0	0	0	
FISTM	002	R 03	MAIL ROOM	750	0	0	0	28	0	0	0	0	
PISTM	001	R 01	STORAGE RM	484	48	0	0	0	0	0	0	0	Storage rm. adjacent to boiler rm. in basement.
FISTM	002	R 01	STORAGE RM	484	0	0	0	8	0	0	0	0	
PISTM	001	R 03	VAULT	200	20	0	0	0	0	0	0	0	Two pipe runs 10 ft. lg. each runni ng through vault rm.
PISTM	001	R 04	WOMAN RM.	144	24	0	0	0	0	0	0	0	

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: 1ST FLOOR

Number of Duplicate Spaces: 2

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	103.0	Hours			33.95	3497	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	1.6	Hours			33.95	54	
D. Clean Up	43.0	Hours			33.95	1460	
Total Direct Labor	147.6	Hours			33.95	5011	
Overhead and Profit	25	-%-				1253	
TOTAL LABOR						6264	6,264
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	24	Days	65.00	1560			
2. HEPA Vacuum Units	16	Days	25.00	400			
3. Airless Sprayers	16	Days	30.00	480			
4. Scaffolding	16	Days	6.00	96			
Subtotal Equipment				2536			
B. Supplies							
1. Safety Equipment	20	Pers Days	20.00	400			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	17200	Sq Ft	0.13	2236			
3. Disposal Bags	4	Each	0.70	3			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				2749			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				5685			5,685
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	5	Days	1000.00	5000			
TOTAL SERVICES				5033			5,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	48	Lin Ft		267			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				267			267
SUBTOTAL BEFORE INSURANCE							17,249
INSURANCE	15	-%-					2,587
TOTAL INCLUDING INSURANCE							19,836
CONTINGENCY	20	-%-					3,967
GRAND TOTAL ($)							23,803

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: BOILER RM.

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	8.3	Hours			33.95	282	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	23.8	Hours			33.95	808	
D. Clean Up	3.5	Hours			33.95	119	
Total Direct Labor	35.6	Hours			33.95	1209	
Overhead and Profit	25	-%-				302	
TOTAL LABOR						1511	1,511
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	1386	Sq Ft	0.13	180			
3. Disposal Bags	22	Each	0.70	15			
4. Labeled Drums	6	Each	10.00	60			
Subtotal Supplies				755			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				981			981
III. SERVICES							
A. Transport & Disposal	2.00	Cu Yd	100.00	200			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2200			2,200
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	90	Lin Ft		501			
B. Sml, Med, Lrg Fittings	28	Units		468			
C. Ceilings	0	Sq Ft		0			
D. Equipment	180	Sq Ft		3038			
E. Other Surfaces	1	Sq Ft		2			
TOTAL REPLACEMENT COSTS				4009			4,009
SUBTOTAL BEFORE INSURANCE							8,701
INSURANCE	15	-%-					1,305
TOTAL INCLUDING INSURANCE							10,006
CONTINGENCY	20	-%-					2,001
GRAND TOTAL ($)							12,007

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: BREAK RM.

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	3.9	Hours			33.95	132	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	0.7	Hours			33.95	24	
D. Clean Up	1.6	Hours			33.95	54	
Total Direct Labor	6.2	Hours			33.95	210	
Overhead and Profit	25	-%-				52	
TOTAL LABOR						262	262
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	643	Sq Ft	0.13	84			
3. Disposal Bags	2	Each	0.70	1			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				595			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				821			821
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	20	Lin Ft		111			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				111			111
SUBTOTAL BEFORE INSURANCE							3,227
INSURANCE	15	-%-					484
TOTAL INCLUDING INSURANCE							3,711
CONTINGENCY	20	-%-					742
GRAND TOTAL ($)							4,453

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: CONFERENCE

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	8.7	Hours			33.95	295	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	8.3	Hours			33.95	282	
D. Clean Up	3.6	Hours			33.95	122	
Total Direct Labor	20.6	Hours			33.95	699	
Overhead and Profit	25	-%-				175	
TOTAL LABOR						874	874
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	1454	Sq Ft	0.13	189			
3. Disposal Bags	12	Each	0.70	8			
4. Labeled Drums	3	Each	10.00	30			
Subtotal Supplies				727			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				953			953
III. SERVICES							
A. Transport & Disposal	1.00	Cu Yd	100.00	100			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2100			2,100
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	124	Lin Ft		691			
B. Sml, Med, Lrg Fittings	42	Units		702			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				1393			1,393
SUBTOTAL BEFORE INSURANCE							5,320
INSURANCE	15	-%-					798
TOTAL INCLUDING INSURANCE							6,118
CONTINGENCY	20	-%-					1,224
GRAND TOTAL ($)							7,342

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: COPY ROOM

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	7.9	Hours			33.95	268	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	5.5	Hours			33.95	187	
D. Clean Up	3.3	Hours			33.95	112	
Total Direct Labor	16.7	Hours			33.95	567	
Overhead and Profit	25	-%-				142	
TOTAL LABOR						709	709
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	1312	Sq Ft	0.13	171			
3. Disposal Bags	6	Each	0.70	4			
4. Labeled Drums	2	Each	10.00	20			
Subtotal Supplies				695			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				921			921
III. SERVICES							
A. Transport & Disposal	0.67	Cu Yd	100.00	67			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2067			2,067
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	40	Lin Ft		223			
B. Sml, Med, Lrg Fittings	42	Units		702			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				925			925
SUBTOTAL BEFORE INSURANCE							4,622
INSURANCE	15	-%-					693
TOTAL INCLUDING INSURANCE							5,315
CONTINGENCY	20	-%-					1,063
GRAND TOTAL ($)							6,378

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: INTRN SRVC

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	14.7	Hours			33.95	499	
B. Ceiling Removal	37.0	Hours			33.95	1256	
C. ACM Removal	2.5	Hours			33.95	85	
D. Clean Up	6.1	Hours			33.95	207	
Total Direct Labor	60.3	Hours			33.95	2047	
Overhead and Profit	25	-%-				512	
TOTAL LABOR						2559	2,559
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	2	Days	65.00	130			
2. HEPA Vacuum Units	2	Days	25.00	50			
3. Airless Sprayers	2	Days	30.00	60			
4. Scaffolding	2	Days	6.00	12			
Subtotal Equipment				252			
B. Supplies							
1. Safety Equipment	10	Pers Days	20.00	200			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	2448	Sq Ft	0.13	318			
3. Disposal Bags	30	Each	0.70	21			
4. Labeled Drums	8	Each	10.00	80			
Subtotal Supplies				919			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				1371			1,371
III. SERVICES							
A. Transport & Disposal	2.67	Cu Yd	100.00	267			
B. Environmental QA	3	Days	1000.00	3000			
TOTAL SERVICES				3267			3,267
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	65	Lin Ft		362			
B. Sml, Med, Lrg Fittings	3	Units		50			
C. Ceilings	1296	Sq Ft		1970			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				2382			2,382
SUBTOTAL BEFORE INSURANCE							9,579
INSURANCE	15	-%-					1,437
TOTAL INCLUDING INSURANCE							11,016
CONTINGENCY	20	-%-					2,203
GRAND TOTAL ($)							13,219

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: JANITOR SV

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	1.2	Hours			33.95	41	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	0.3	Hours			33.95	10	
D. Clean Up	0.5	Hours			33.95	17	
Total Direct Labor	2.0	Hours			33.95	68	
Overhead and Profit	25	-%-				17	
TOTAL LABOR						85	85
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	196	Sq Ft	0.13	25			
3. Disposal Bags	2	Each	0.70	1			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				536			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				762			762
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	10	Lin Ft		56			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				56			56
SUBTOTAL BEFORE INSURANCE							2,936
INSURANCE	15	-%-					440
TOTAL INCLUDING INSURANCE							3,376
CONTINGENCY	20	-%-					675
GRAND TOTAL ($)							4,051

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: MAIL ROOM

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	9.8	Hours			33.95	333	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	6.1	Hours			33.95	207	
D. Clean Up	4.1	Hours			33.95	139	
Total Direct Labor	20.0	Hours			33.95	679	
Overhead and Profit	25	-%-				170	
TOTAL LABOR						849	849
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	1630	Sq Ft	0.13	212			
3. Disposal Bags	8	Each	0.70	6			
4. Labeled Drums	2	Each	10.00	20			
Subtotal Supplies				738			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				964			964
III. SERVICES							
A. Transport & Disposal	0.67	Cu Yd	100.00	67			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2067			2,067
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	100	Lin Ft		557			
B. Sml, Med, Lrg Fittings	28	Units		468			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				1025			1,025
SUBTOTAL BEFORE INSURANCE							4,905
INSURANCE	15	-%-					736
TOTAL INCLUDING INSURANCE							5,641
CONTINGENCY	20	-%-					1,128
GRAND TOTAL ($)							6,769

SENECA ARMY DEPOT

Date: 05/03/88

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: STORAGE RM

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	8.2	Hours			33.95	278	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	2.4	Hours			33.95	81	
D. Clean Up	3.4	Hours			33.95	115	
Total Direct Labor	14.0	Hours			33.95	474	
Overhead and Profit	25	-%-				118	
TOTAL LABOR						592	592
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	1364	Sq Ft	0.13	177			
3. Disposal Bags	4	Each	0.70	3			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				690			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				916			916
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	48	Lin Ft		267			
B. Sml, Med, Lrg Fittings	8	Units		134			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				401			401
SUBTOTAL BEFORE INSURANCE							3,942
INSURANCE	15	-%-					591
TOTAL INCLUDING INSURANCE							4,533
CONTINGENCY	20	-%-					907
GRAND TOTAL ($)							5,440

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: VAULT

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	4.1	Hours			33.95	139	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	0.7	Hours			33.95	24	
D. Clean Up	1.7	Hours			33.95	58	
Total Direct Labor	6.5	Hours			33.95	221	
Overhead and Profit	25	-%-				55	
TOTAL LABOR						276	276
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	680	Sq Ft	0.13	88			
3. Disposal Bags	2	Each	0.70	1			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				599			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				825			825
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	20	Lin Ft		111			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				111			111
SUBTOTAL BEFORE INSURANCE							3,245
INSURANCE	15	-%-					487
TOTAL INCLUDING INSURANCE							3,732
CONTINGENCY	20	-%-					746
GRAND TOTAL ($)							4,478

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 101

Space: WOMAN RM.

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	3.2	Hours			33.95	109	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	0.8	Hours			33.95	27	
D. Clean Up	1.3	Hours			33.95	44	
Total Direct Labor	5.3	Hours			33.95	180	
Overhead and Profit	25	-%-				45	
TOTAL LABOR						225	225
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	528	Sq Ft	0.13	69			
3. Disposal Bags	2	Each	0.70	1			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				580			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				806			806
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	24	Lin Ft		134			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				134			134
SUBTOTAL BEFORE INSURANCE							3,198
INSURANCE	15	-%-					480
TOTAL INCLUDING INSURANCE							3,678
CONTINGENCY	20	-%-					736
GRAND TOTAL ($)							4,414

SENECA ARMY DEPOT

Building No.: 102

Building Name: Transformer House

Estimated Gross Floor Area: 428 Square Feet

Architecture: Single story brick structure - concrete roof and floor

Heating System: No heat

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 102

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001	C 01	GENERATOR	400	**** No ACM Materials Found. ****								no insulation- weight station

SENECA ARMY DEPOT

Building No.: 103

Building Name: Fire Station

Estimated Gross Floor Area: 11,526 Square Feet

Architecture: Two story concrete block structure with basement - two single story

Heating System: Steam Radiant Heat

Assessment Results: Asbestos-containing building material was found on pipe and pipe fittings in the Game Room and pipe fittings on the sanitary piping in the unfinished basement area. The material was found to be in good condition. Floor tile and plaster ceilings contain no asbestos.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 103

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
MBRCH	005	B 01	BOILER RM	450	0	0	0	0	0	0	80	0	BOILER IS SAME MAKE AS IN 101.
MBRCH	005	B 02	BOILER RM	450	0	0	0	0	0	0	0	0	
MBRCH	005	B 03	BOILER RM	450	0	0	0	0	0	0	0	0	
FLVCT	004	B 01	CONTROL RM	168	0	0	0	0	0	0	168	0	12 X 12 IN. FLOOR TILE
FLVCT	004	B 02	CONTROL RM	168	0	0	0	0	0	0	0	0	
FLVCT	004	B 03	CONTROL RM	168	0	0	0	0	0	0	0	0	
PISTM	006	B 01	GAME RM	289	142	0	0	0	0	0	0	0	GREEN 9 X 9 IN. FLOOR TILE
PISTM	006	B 02	GAME RM	289	0	0	0	0	0	0	0	0	
PISTM	006	B 03	GAME RM	289	0	0	0	0	0	0	0	0	
FISTM	007	B 01	GAME RM	289	0	0	0	60	0	0	0	0	
FISTM	007	B 02	GAME RM	289	0	0	0	0	0	0	0	0	
FISTM	007	B 03	GAME RM	289	0	0	0	0	0	0	0	0	
FLVCT	009	B 01	STRG/COR B	800	0	0	0	0	0	0	800	0	GRAY 9 X 9 IN TILE IN BASEMENT
FLVCT	009	B 02	STRG/COR B	800	0	0	0	0	0	0	0	0	
FLVCT	009	B 03	STRG/COR B	800	0	0	0	0	0	0	0	0	
CLPL	001	B 01	TRAINING R	2400	0	0	0	0	0	0	200	0	DROP CEILING WITH A PLASTER CEILING 2FT. ABOVE DROP CEILING
CLPL	001	B 02	TRAINING R	2400	0	0	0	0	0	0	0	0	
CLPL	001	B 03	TRAINING R	2400	0	0	0	0	0	0	0	0	
FLVCT	002	B 01	TRAINING R	2400	0	0	0	0	0	0	2400	0	
FLVCT	002	B 02	TRAINING R	2400	0	0	0	0	0	0	0	0	
FLVCT	002	B 03	TRAINING R	2400	0	0	0	0	0	0	0	0	
ATIN	003	B 01	TRAINING R	2400	0	0	0	0	0	0	2400	0	
ATIN	003	B 02	TRAINING R	2400	0	0	0	0	0	0	0	0	
ATIN	003	B 03	TRAINING R	2400	0	0	0	0	0	0	0	0	
PI	008	B 01	UNFNSH BMT	280	0	18	0	0	0	0	0	0	CANVAS WRAPPED WET PACK ON SANITARY PIPE
PI	008	B 02	UNFNSH BMT	280	0	0	0	0	0	0	0	0	
PI	008	B 03	UNFNSH BMT	280	0	0	0	0	0	0	0	0	

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 103

Space: GAME RM

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	4.2	Hours			33.95	143	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	10.7	Hours			33.95	363	
D. Clean Up	1.7	Hours			33.95	58	
Total Direct Labor	16.6	Hours			33.95	564	
Overhead and Profit	25	-%-				141	
TOTAL LABOR						705	705
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	697	Sq Ft	0.13	91			
3. Disposal Bags	14	Each	0.70	10			
4. Labeled Drums	4	Each	10.00	40			
Subtotal Supplies				641			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				867			867
III. SERVICES							
A. Transport & Disposal	1.33	Cu Yd	100.00	133			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2133			2,133
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	142	Lin Ft		791			
B. Sml, Med, Lrg Fittings	60	Units		1003			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				1794			1,794
SUBTOTAL BEFORE INSURANCE							5,499
INSURANCE	15	-%-					825
TOTAL INCLUDING INSURANCE							6,324
CONTINGENCY	20	-%-					1,265
GRAND TOTAL ($)							7,589

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 103

Space: UNFNSH BMT

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	4.9	Hours			33.95	166	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	0.9	Hours			33.95	31	
D. Clean Up	2.1	Hours			33.95	71	
Total Direct Labor	7.9	Hours			33.95	268	
Overhead and Profit	25	-%-				67	
TOTAL LABOR						335	335
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	824	Sq Ft	0.13	107			
3. Disposal Bags	4	Each	0.70	3			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				620			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				846			846
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	18	Lin Ft		247			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				247			247
SUBTOTAL BEFORE INSURANCE							3,461
INSURANCE	15	-%-					519
TOTAL INCLUDING INSURANCE							3,980
CONTINGENCY	20	-%-					796
GRAND TOTAL ($)							4,776

SENECA ARMY DEPOT

Building No.: 104

Building Name: Sentry Station

Estimated Gross Floor Area: 462 Square Feet

Architecture: Single story block structure

Heating System: Forced air

Assessment Results: Floor tile contains no asbestos and no other asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 104

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	001	B 01	SENTRY STA	288	0	0	0	0	0	0	156	0	OIL FIRED FORCED AIR HEAT
FLVCT	001	B 02	SENTRY STA	288	0	0	0	0	0	0	0	0	
FLVCT	001	B 03	SENTRY STA	288	0	0	0	0	0	0	0	0	

SENECA ARMY DEPOT

Building No.: 106

Building Name: Health Clinic

Estimated Gross Floor Area: 11,063 Square Feet

Architecture: Single story concrete block and brick structure

Heating System: Forced Air

Assessment Results: Asbestos-containing sheet flooring was found in the corridors of the clinic and is in good condition. Floor tile in the offices and treatment rooms contains no asbestos.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 106

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCS	003	B 01	CORRIDOR	990	0	0	0	0	0	0	990	0	
FLVCS	003	B 02	CORRIDOR	990	0	0	0	0	0	0	0	0	
FLVCS	003	B 03	CORRIDOR	990	0	0	0	0	0	0	0	0	
MBRCH	001	B 01	MECH RM	990	0	0	0	0	0	0	2200	0	
MBRCH	001	B 02	MECH RM	990	0	0	0	0	0	0	0	0	
MBRCH	001	B 03	MECH RM	990	0	0	0	0	0	0	0	0	
HFANH	002	B 01	MECH RM	990	0	0	0	0	0	0	5000	0	OUTTER COVERING SUSPECT ACM
HFANH	002	B 02	MECH RM	990	0	0	0	0	0	0	0	0	
HFANH	002	B 03	MECH RM	990	0	0	0	0	0	0	0	0	
FLVCS	004	B 01	OFFICE	400	0	0	0	0	0	0	400	0	
FLVCS	004	B 02	OFFICE	400	0	0	0	0	0	0	0	0	
FLVCS	004	B 03	OFFICE	400	0	0	0	0	0	0	0	0	

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 106

Space: CORRIDOR

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	19.0	Hours			33.95	645	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	28.3	Hours			33.95	961	
D. Clean Up	7.9	Hours			33.95	268	
Total Direct Labor	55.2	Hours			33.95	1874	
Overhead and Profit	25	-%-				468	
TOTAL LABOR						2342	2,342
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	3170	Sq Ft	0.13	412			
3. Disposal Bags	8	Each	0.70	6			
4. Labeled Drums	2	Each	10.00	20			
Subtotal Supplies				938			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				1164			1,164
III. SERVICES							
A. Transport & Disposal	0.67	Cu Yd	100.00	67			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2067			2,067
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	990	Sq Ft		1732			
TOTAL REPLACEMENT COSTS				1732			1,732
SUBTOTAL BEFORE INSURANCE							7,305
INSURANCE	15	-%-					1,096
TOTAL INCLUDING INSURANCE							8,401
CONTINGENCY	20	-%-					1,680
GRAND TOTAL ($)							10,081

SENECA ARMY DEPOT

Building No.: 110

Building Name: Scale House

Estimated Gross Floor Area: 120 Square Feet

Architecture: Single story concrete block structure

Heating System: None

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 110

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001	C 01	WEIGHT STA	120	**** No ACM Materials Found. ****								no insulation- weight station

SENECA ARMY DEPOT

Building No.: 113

Building Name: Box and Crate Shop

Estimated Gross Floor Area: 16,504 Square Feet

Architecture: Single story wood structure

Heating System: Steam Unit Heaters

Assessment Results: Asbestos-containing building material in poor condition was found on heating system pipes and pipe fittings. Repairs to localized damaged areas is recommended. Floor tile contains no asbestos.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 113

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
PIHW	001	B 01	WOOD SHOP	16000	0	300	0	0	0	0	0	0	central feed - hot water pipe, oref orm
PIHW	001	B 02	WOOD SHOP	16000	0	0	0	0	0	0	0	0	location down center of building ea st to west
PIHW	001	B 03	WOOD SHOP	16000	0	0	0	0	0	0	0	0	(poor condition)
FIHW	002	B 01	WOOD SHOP	16000	0	0	0	0	25	0	0	0	Fitting on central feed - wetpack
FIHW	002	B 02	WOOD SHOP	16000	0	0	0	0	0	0	0	0	concrete floor - concrete block wal ls
FIHW	002	B 03	WOOD SHOP	16000	0	0	0	0	0	0	0	0	fiberglass insulation on decking - batt over chicken wire.
FLVCT	003	B 01	WOOD SHOP	16000	0	0	0	0	0	0	432	0	Floor tile - front office
FLVCT	003	B 02	WOOD SHOP	16000	0	0	0	0	0	0	0	0	Floor tile - front office.
FLVCT	003	B 03	WOOD SHOP	16000	0	0	0	0	0	0	0	0	floor tile - front office
FLVCT	004	B 01	WOOD SHOP	16000	0	0	0	0	0	0	576	0	floor tile - lunch room
FLVCT	004	B 02	WOOD SHOP	16000	0	0	0	0	0	0	0	0	floor tile - lunch room
FLVCT	004	B 03	WOOD SHOP	16000	0	0	0	0	0	0	0	0	Floor tile - lunch room

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 113

Space: WOOD SHOP

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	152.2	Hours			33.95	5167	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	18.1	Hours			33.95	614	
D. Clean Up	63.6	Hours			33.95	2159	
Total Direct Labor	233.9	Hours			33.95	7940	
Overhead and Profit	25	-%-				1985	
TOTAL LABOR						9925	9,925
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	84	Days	65.00	5460			
2. HEPA Vacuum Units	42	Days	25.00	1050			
3. Airless Sprayers	42	Days	30.00	1260			
4. Scaffolding	56	Days	6.00	336			
Subtotal Equipment				8106			
B. Supplies							
1. Safety Equipment	35	Pers Days	20.00	700			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	25420	Sq Ft	0.13	3305			
3. Disposal Bags	58	Each	0.70	41			
4. Labeled Drums	15	Each	10.00	150			
Subtotal Supplies				3996			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				12802			12,802
III. SERVICES							
A. Transport & Disposal	5.00	Cu Yd	100.00	500			
B. Environmental QA	8	Days	1000.00	8000			
TOTAL SERVICES				8500			8,500
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	300	Lin Ft		4119			
B. Sml, Med, Lrg Fittings	25	Units		1030			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				5149			5,149
SUBTOTAL BEFORE INSURANCE							36,376
INSURANCE	15	-%-					5,456
TOTAL INCLUDING INSURANCE							41,832
CONTINGENCY	20	-%-					8,366
GRAND TOTAL ($)							50,198

SENECA ARMY DEPOT

Building No.: 114

Building Name: Warehouse

Estimated Gross Floor Area: 12,065 Square Feet

Architecture: Single story - concrete block, floor and roof

Heating System: Forced Air Heating

Assessment Results: Floor tile contains no asbestos and no other asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 114

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	001	B 01	WAREHOUSE	0	0	0	0	0	0	0	440	0	Heated office space - VAT sampled 17" - white
FLVCT	001	B 02	WAREHOUSE	0	0	0	0	0	0	0	0	0	Storage for roofing material - cement and tile (asbestos),Forced Air
FLVCT	001	B 03	WAREHOUSE	0	0	0	0	0	0	0	0	0	Warehouse grg. uninsulated - decking has fiberglass batt insulation in

SENECA ARMY DEPOT

Building No.: 115

Building Name: Administration

Estimated Gross Floor Area: 14,154 Square Feet

Architecture: Single story brick structure/concrete block - concrete deck with crawl space

Heating System: Hot Water Radiant

Assessment Results: Asbestos-containing building material was found on pipes located in the administration offices, conference area, hallways and valve room. These areas have damaged pipe insulation in need of repair or replacement. The crawlspace area was inaccessible.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 115

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
PI	001	R 03	ADMIN OFF	3775	0	75	0	0	0	0	0	0	WALLS RISE DIRECTLY TO DECK MAKING THIS A SEPARATE RM(25%DISTRIB DAMA)
PI	002	R 03	ADMIN OFF	3775	300	0	0	0	0	0	0	0	CEMENT DECKING, NO SFP EXISTS
PI	001	B 01	CONF.AREA	640	60	0	0	0	0	0	0	0	NO DAMAGE TO INSULATING MATERIALS N OTICED
PI	001	B 02	CONF.AREA	640	0	0	0	0	0	0	0	0	
PI	001	B 03	CONF.AREA	640	0	0	0	0	0	0	0	0	
PI	002	B 01	CONF.AREA	640	250	0	0	0	0	0	0	0	
PI	002	B 02	CONF.AREA	640	0	0	0	0	0	0	0	0	
PI	002	B 03	CONF.AREA	640	0	0	0	0	0	0	0	0	
FIT	003	B 01	CONF.AREA	640	0	0	0	18	0	0	0	0	
FIT	003	B 02	CONF.AREA	640	0	0	0	0	0	0	0	0	
FIT	003	B 03	CONF.AREA	640	0	0	0	0	0	0	0	0	
PI	001	R 01	HALL/OFFIC	10780	0	200	0	0	0	0	0	0	NOTE: HALL/OFFIC REFERS TO CRAWLSPA CE ABOVE CEILING IN HALL & OFFICES.
PI	001	R 02	HALL/OFFIC	10780	0	200	0	0	0	0	0	0	IDENTICAL MATERIAL IN IDENTICAL QUA NTITIES FOUND FURTHER DOWN HALL
PI	001	R 03	HALL/OFFIC	10780	0	75	0	0	0	0	0	0	
PI	002	R 01	HALL/OFFIC	10780	450	0	0	0	0	0	0	0	
PI	002	R 02	HALL/OFFIC	10780	450	0	0	0	0	0	0	0	
PI	004	B 01	VALVE RM	60	3	0	0	0	0	0	0	0	VALVE RM DIRECTLY OFF MEN'S ROOM
PI	004	B 02	VALVE RM	60	0	0	0	0	0	0	0	0	
PI	004	B 03	VALVE RM	60	0	0	0	0	0	0	0	0	

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SENECA ARMY DEPOT

Date: 05/03/88

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 115

Space: ADMIN OFF

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	58.5	Hours			33.95	1986	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	3.8	Hours			33.95	129	
D. Clean Up	24.4	Hours			33.95	828	
Total Direct Labor	86.7	Hours			33.95	2943	
Overhead and Profit	25	-%-				736	
TOTAL LABOR						3679	3,679
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	12	Days	65.00	780			
2. HEPA Vacuum Units	6	Days	25.00	150			
3. Airless Sprayers	6	Days	30.00	180			
4. Scaffolding	9	Days	6.00	54			
Subtotal Equipment				1164			
B. Supplies							
1. Safety Equipment	15	Pers Days	20.00	300			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	9775	Sq Ft	0.13	1271			
3. Disposal Bags	14	Each	0.70	10			
4. Labeled Drums	4	Each	10.00	40			
Subtotal Supplies				1821			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				3285			3,285
III. SERVICES							
A. Transport & Disposal	1.33	Cu Yd	100.00	133			
B. Environmental QA	4	Days	1000.00	4000			
TOTAL SERVICES				4133			4,133
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	75	Lin Ft		1030			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				1030			1,030
SUBTOTAL BEFORE INSURANCE							12,127
INSURANCE	15	-%-					1,819
TOTAL INCLUDING INSURANCE							13,946
CONTINGENCY	20	-%-					2,789
GRAND TOTAL ($)							16,735

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 115

Space: CONF.AREA

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	11.3	Hours			33.95	384	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	2.0	Hours			33.95	68	
D. Clean Up	4.7	Hours			33.95	160	
Total Direct Labor	18.0	Hours			33.95	612	
Overhead and Profit	25	-%-				153	
TOTAL LABOR						765	765
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	1888	Sq Ft	0.13	245			
3. Disposal Bags	4	Each	0.70	3			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				758			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				984			984
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	60	Lin Ft		334			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				334			334
SUBTOTAL BEFORE INSURANCE							4,116
INSURANCE	15	-%-					617
TOTAL INCLUDING INSURANCE							4,733
CONTINGENCY	20	-%-					947
GRAND TOTAL ($)							5,680

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 115

Space: HALL/OFFIC

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	118.2	Hours			33.95	4013	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	23.8	Hours			33.95	808	
D. Clean Up	49.4	Hours			33.95	1677	
Total Direct Labor	191.4	Hours			33.95	6498	
Overhead and Profit	25	-%-				1624	
TOTAL LABOR						8122	8,122
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	66	Days	65.00	4290			
2. HEPA Vacuum Units	24	Days	25.00	600			
3. Airless Sprayers	24	Days	30.00	720			
4. Scaffolding	48	Days	6.00	288			
Subtotal Equipment				5898			
B. Supplies							
1. Safety Equipment	30	Pers Days	20.00	600			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	19740	Sq Ft	0.13	2566			
3. Disposal Bags	86	Each	0.70	60			
4. Labeled Drums	22	Each	10.00	220			
Subtotal Supplies				3346			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				9844			9,844
III. SERVICES							
A. Transport & Disposal	7.33	Cu Yd	100.00	733			
B. Environmental QA	7	Days	1000.00	7000			
TOTAL SERVICES				7733			7,733
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	475	Lin Ft		6522			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				6522			6,522
SUBTOTAL BEFORE INSURANCE							32,221
INSURANCE	15	-%-					4,833
TOTAL INCLUDING INSURANCE							37,054
CONTINGENCY	20	-%-					7,411
GRAND TOTAL ($)							44,465

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 115

Space: VALVE RM

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	2.8	Hours			33.95	95	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	0.1	Hours			33.95	3	
D. Clean Up	1.2	Hours			33.95	41	
Total Direct Labor	4.1	Hours			33.95	139	
Overhead and Profit	25	-%-				35	
TOTAL LABOR						174	174
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	468	Sq Ft	0.13	61			
3. Disposal Bags	2	Each	0.70	1			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				572			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				798			798
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	3	Lin Ft		17			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				17			17
SUBTOTAL BEFORE INSURANCE							3,022
INSURANCE	15	-%-					453
TOTAL INCLUDING INSURANCE							3,475
CONTINGENCY	20	-%-					695
GRAND TOTAL ($)							4,170

SENECA ARMY DEPOT

Building No.: 116

Building Name: Family Housing / Transportation

Estimated Gross Floor Area: 13,980 Square Feet

Architecture: Single story concrete block and brick structure

Heating System: Forced Air, Oil Fired Furnace

Assessment Results: Floor tile throughout the entire building contains no asbestos. No other asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 116

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	001	R 01	COMPUT.RM.	90	0	0	0	0	0	0	90	0	
FLVCT	002	R 02	COPIER RM	170	0	0	0	0	0	0	170	0	TILE FLOOR, SIMILAR TO MEN'S ROOM
FLVCT	001	R 05	ENG.OFFICE	192	0	0	0	0	0	0	192	0	
FLVCT	001	R 03	FILE/SECRM	625	0	0	0	0	0	0	625	0	
FLVCT	002	R 03	FRNTOFFICE	620	0	0	0	0	0	0	620	0	
FLVCT	002	B 01	MENS RM	90	0	0	0	0	0	0	90	0	FLOOR TILE
FLVCT	002	B 02	MENS RM	90	0	0	0	0	0	0	0	0	
FLVCT	002	B 03	MENS RM	90	0	0	0	0	0	0	0	0	
FLVCT	001	R 04	OFFICE	225	0	0	0	0	0	0	225	0	
FLVCT	001	R 02	TICKET RM.	90	0	0	0	0	0	0	90	0	
FLVCT	002	R 01	TRANOFFICE	1053	0	0	0	0	0	0	1053	0	VINYL TILE
FLVCT	001	B 01	WOMENS RM	90	0	0	0	0	0	0	90	0	FLOOR TILE
FLVCT	001	B 02	WOMENS RM	90	0	0	0	0	0	0	0	0	
FLVCT	001	B 03	WOMENS RM	90	0	0	0	0	0	0	0	0	

SENECA ARMY DEPOT

Building No.: 117

Building Name: Engineer Field Maintenance Shop

Estimated Gross Floor Area: 22,500 Square feet

Architecture: Single story, concrete block walls and floor, steel framed concrete roof deck

Heating System: Forced Air

Assessment Results: Damaged asbestos-containing building materials were found on pipe and assumed to be on pipe fittings throughout the Repair Shop area and in debris on floor. Removal of debris, and repair and/or removal of damaged insulation is recommended. Floor tile in the stockroom contains asbestos.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 117

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	002	R 02	BATHROOM	160	0	0	0	0	0	0	160	0	REFERENCE SAMPLE 2- 12 X12 IN WHITE FLOOR TILE
FLVCT	002	R 03	BATHROOM	160	0	0	0	0	0	0	160	0	
FLVCT	002	R 01	CAFETERIA	400	0	0	0	0	0	0	400	0	REFERENCE SAMPLE 2-12 X 12 IN WHITE TILE
PISTM	001	B 01	REPAIR SHP	22500	0	240	0	0	0	0	0	0	SAMPLE IS FROM MAIN STEAM SUPPLY
PISTM	001	B 02	REPAIR SHP	22500	0	0	0	0	0	0	0	0	
PISTM	001	B 03	REPAIR SHP	22500	0	0	0	0	0	0	0	0	
FI	001	N 01	REPAIR SHP	22500	0	0	0	0	4	0	0	0	SAMPE NOT TAKEN - ASSUMED TO BE ACM
FLVCT	003	B 01	STOCKROOM	400	0	0	0	0	0	0	400	0	SAMPLE IS 9 X 9 IN GRAY TILE
FLVCT	003	B 02	STOCKROOM	400	0	0	0	0	0	0	0	0	
FLVCT	003	B 03	STOCKROOM	400	0	0	0	0	0	0	0	0	
FLVCT	002	B 01	SUP OFFICE	400	0	0	0	0	0	0	400	0	SAMPLE IS 12 X 12 IN. WHITE TILE
FLVCT	002	B 02	SUP OFFICE	400	0	0	0	0	0	0	0	0	
FLVCT	002	B 03	SUP OFFICE	400	0	0	0	0	0	0	0	0	

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 117

Space: REPAIR SHP

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	269.5	Hours			33.95	9150	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	12.5	Hours			33.95	424	
D. Clean Up	112.5	Hours			33.95	3819	
Total Direct Labor	394.5	Hours			33.95	13393	
Overhead and Profit	25	-%-				3348	
TOTAL LABOR						16741	16,741
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	408	Days	65.00	26520			
2. HEPA Vacuum Units	96	Days	25.00	2400			
3. Airless Sprayers	96	Days	30.00	2880			
4. Scaffolding	276	Days	6.00	1656			
Subtotal Equipment				33456			
B. Supplies							
1. Safety Equipment	60	Pers Days	20.00	1200			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	45000	Sq Ft	0.13	5850			
3. Disposal Bags	44	Each	0.70	31			
4. Labeled Drums	11	Each	10.00	110			
Subtotal Supplies				6491			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				41147			41,147
III. SERVICES							
A. Transport & Disposal	3.67	Cu Yd	100.00	367			
B. Environmental QA	13	Days	1000.00	13000			
TOTAL SERVICES				13367			13,367
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	240	Lin Ft		3295			
B. Sml, Med, Lrg Fittings	4	Units		165			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				3460			3,460
SUBTOTAL BEFORE INSURANCE							74,715
INSURANCE	15	-%-					11,207
TOTAL INCLUDING INSURANCE							85,922
CONTINGENCY	20	-%-					17,184
GRAND TOTAL ($)							103,106

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 117

Space: STOCKROOM

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	8.1	Hours			33.95	275	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	11.4	Hours			33.95	387	
D. Clean Up	3.4	Hours			33.95	115	
Total Direct Labor	22.9	Hours			33.95	777	
Overhead and Profit	25	-%-				194	
TOTAL LABOR						971	971
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	1360	Sq Ft	0.13	177			
3. Disposal Bags	4	Each	0.70	3			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				690			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				916			916
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	400	Sq Ft		700			
TOTAL REPLACEMENT COSTS				700			700
SUBTOTAL BEFORE INSURANCE							4,620
INSURANCE	15	-%-					693
TOTAL INCLUDING INSURANCE							5,313
CONTINGENCY	20	-%-					1,063
GRAND TOTAL ($)							6,376

SENECA ARMY DEPOT

Building No.: 118

Building Name: Motor Repair Shop

Estimated Gross Floor Area: 18,928 Square Feet

Architecture: Single story brick and block structure, concrete floor and roof

Heating System: Steam Radiant Heat

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 118

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001	C 01	MOTOR REP.	18928	****			No ACM Materials Found. ****					

SENECA ARMY DEPOT

Building No.: 119

Building Name: Office

Estimated Gross Floor Area: 3717 Square Feet

Architecture: Single story concrete block structure with concrete floor and roof deck

Heating System: Steam Heat

Assessment Results: Red floor tile in this building contains no asbestos and no other asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 119

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	001	B 01	CUSTODIAL	2210	0	0	0	0	0	0	2210	0	SAMPLE IS RED FLOOR TILE 12 X 12 IN
FLVCT	001	B 02	CUSTODIAL	2210	0	0	0	0	0	0	0	0	
FLVCT	001	B 03	CUSTODIAL	2210	0	0	0	0	0	0	0	0	

SENECA ARMY DEPOT

Building No.: 120

Building Name: Gas Station

Estimated Gross Floor Area: 400 Square Feet

Architecture: Single story concrete block and brick structure with concrete floor and ceiling deck

Heating System: Steam Heat

Assessment Results: Asbestos containing building material was found on pipes and pipe fittings in the Utility Room with debris observed on the concrete floor. No asbestos-containing building materials were observed in the Gas Station Attendant's Office. The storage room was locked and was not assessed.

STEAM PIT - ASBESTOS REMOVED THERMO INSULATION 1988

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 120

SYSTEM ID	TYPE/ SITE XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001 C 01	DIESEL STR	200	**** No ACM Materials Found. ****								NO INSULATION ON PIPES. CONCRETE FLOOR AND CEILING, BRICK WALLS.
PI	001 B 01	UTILITY RM	60	17	0	0	0	0	0	0	0	NOTE:ROOM ENTRANCE THROUGH EXTERIOR DOOR.
PI	001 B 02	UTILITY RM	60	0	0	0	0	0	0	0	0	NOTE: DEBRIS OBSERVED ON FLOOR.
PI	001 B 03	UTILITY RM	60	0	0	0	0	0	0	0	0	NOTE: PIPE IS WRAPPED W/ BLACK COVERING. RUNS UP EXTERIOR WALL.
FI	002 B 01	UTILITY RM	60	0	0	0	3	0	0	0	0	NOTE: OTHER INSULATION OBSERVED TO BE FIBERGLASS.
FI	002 B 02	UTILITY RM	60	0	0	0	0	0	0	0	0	
FI	002 B 03	UTILITY RM	60	0	0	0	0	0	0	0	0	NOTE: LOCKED INTERIOR STORAGE ROOM - NO ACCESS.

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 120

Space: UTILITY RM

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	3.7	Hours			33.95	126	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	1.0	Hours			33.95	34	
D. Clean Up	1.4	Hours			33.95	48	
Total Direct Labor	6.1	Hours			33.95	208	
Overhead and Profit	25	-%-				52	
TOTAL LABOR						260	260
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	540	Sq Ft	0.13	70			
3. Disposal Bags	2	Each	0.70	1			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				581			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				807			807
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	17	Lin Ft		95			
B. Sml, Med, Lrg Fittings	3	Units		50			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				145			145
SUBTOTAL BEFORE INSURANCE							3,245
INSURANCE	15	-%-					487
TOTAL INCLUDING INSURANCE							3,732
CONTINGENCY	20	-%-					746
GRAND TOTAL ($)							4,478

SENECA ARMY DEPOT

Building No.: 121

Building Name: Heating Plant

Estimated Gross Floor Area: 3250 Square Feet

Architecture: Single story concrete block and brick structure with concrete floor and roof deck

Heating System: Steam Heat

Assessment Results: Asbestos-containing building material was found on pipes and pipe fittings, breeching and steam boiler insulation. The asbestos-containing building materials were painted and in generally good condition with only a few damaged fittings in need of repair. The two (2) rooms adjacent to the stairs were locked and, therefore not assessed. If piping is present, it should be assumed to be asbestos-containing.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 121

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
MBRCH	001	B 01	BOILER PLT	2160	0	0	0	0	0	0	272	0	BOILER 1-GRAY COLOR,HARD PACK-GREEN COLOR,HARD PACK-CANVAS COVER
MBRCH	001	B 02	BOILER PLT	2160	0	0	0	0	0	0	0	0	BOILER 2,3-METAL COVERING-F'GLASS UNDER SHELL
MBRCH	001	B 03	BOILER PLT	2160	0	0	0	0	0	0	0	0	
MBRCH	002	B 01	BOILER PLT	2160	0	0	0	0	0	0	800	0	
MBRCH	002	B 02	BOILER PLT	2160	0	0	0	0	0	0	0	0	
MBRCH	002	B 03	BOILER PLT	2160	0	0	0	0	0	0	0	0	
FISTM	003	B 01	BOILER PLT	2160	0	0	0	0	5	0	0	0	PISTM-PISTM COVERING-HARD PACK-UP EAST WALL(FITTING)POOR CONDITION
FISTM	003	B 02	BOILER PLT	2160	0	0	0	0	0	0	0	0	
FISTM	003	B 03	BOILER PLT	2160	0	0	0	0	0	0	0	0	
FISTM	003	R 01	BOILER PLT	2160	0	0	0	0	0	14	0	0	
PI	004	B 01	BOILER PLT	2160	5	0	0	0	0	0	0	0	STORE-RM,SMALL PIPE-BLK COLOR-ALONG CEILING (POOR CONDITION)
PI	004	B 02	BOILER PLT	2160	0	0	0	0	0	0	0	0	
PI	004	B 03	BOILER PLT	2160	0	0	0	0	0	0	0	0	
FIT	005	B 01	BOILER PLT	2160	0	0	0	30	0	0	0	0	PIPE IS F'GLASS-FITTING SAMPLED-WET PACK
FIT	005	B 02	BOILER PLT	2160	0	0	0	0	0	0	0	0	NORTH WEST CORNER LOCATION-GOOD CONDITION
FIT	005	B 03	BOILER PLT	2160	0	0	0	0	0	0	0	0	NORTH WEST CORNER(LOCATION)-GOOD CONDITION
PISTM	006	B 01	BOILER PLT	2160	0	0	100	0	0	0	0	0	UP EAST WALL-STEAM PIPE INSULATION SEE SAMPLE 3 FOR FITTING
PISTM	006	B 02	BOILER PLT	2160	0	0	0	0	0	0	0	0	UP EAST WALL-STEAM PIPE INSULATION-SEE SAMPLE 3 FOR FITTING
PISTM	006	B 03	BOILER PLT	2160	0	0	0	0	0	0	0	0	UP EAST WALL-STEAM PIPE INSULATION-SEE SAMPLE 3 FOR FITTING
MBLR	007	B 01	BOILER PLT	2160	0	0	0	0	0	0	20	0	GASKET MATERIAL FROM DOOR (GOOD CONDITION)
MBLR	007	B 02	BOILER PLT	2160	0	0	0	0	0	0	0	0	GASKET MATERIAL FROM DOOR -(GOOD CONDITION)
MBLR	007	B 03	BOILER PLT	2160	0	0	0	0	0	0	0	0	GASKET MATERIAL FROM DOOR(GOOD CONDITION)
MBRCH	008	B 01	BOILER PLT	2160	0	0	0	0	0	0	200	0	BOILER 2,3-F'GLASS LIKE INSULATION MATERIAL-SAMPLES (GOOD CONDITION)
MBRCH	008	B 02	BOILER PLT	2160	0	0	0	0	0	0	0	0	GOOD CONDITION
MBRCH	008	B 03	BOILER PLT	2160	0	0	0	0	0	0	0	0	GOOD CONDITION

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 121

Space: BOILER PLT

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	41.0	Hours			33.95	1392	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	139.6	Hours			33.95	4739	
D. Clean Up	15.0	Hours			33.95	509	
Total Direct Labor	195.6	Hours			33.95	6640	
Overhead and Profit	25	-%-				1660	
TOTAL LABOR						8300	8,300
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	18	Days	65.00	1170			
2. HEPA Vacuum Units	6	Days	25.00	150			
3. Airless Sprayers	6	Days	30.00	180			
4. Scaffolding	12	Days	6.00	72			
Subtotal Equipment				1572			
B. Supplies							
1. Safety Equipment	30	Pers Days	20.00	600			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	6000	Sq Ft	0.13	780			
3. Disposal Bags	116	Each	0.70	81			
4. Labeled Drums	29	Each	10.00	290			
Subtotal Supplies				1651			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				3823			3,823
III. SERVICES							
A. Transport & Disposal	9.67	Cu Yd	100.00	967			
B. Environmental QA	7	Days	1000.00	7000			
TOTAL SERVICES				7967			7,967
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	105	Lin Ft		2224			
B. Sml, Med, Lrg Fittings	49	Units		1630			
C. Ceilings	0	Sq Ft		0			
D. Equipment	1092	Sq Ft		18433			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				22287			22,287
SUBTOTAL BEFORE INSURANCE							42,377
INSURANCE	15	-%-					6,357
TOTAL INCLUDING INSURANCE							48,734
CONTINGENCY	20	-%-					9,747
GRAND TOTAL ($)							58,481

SENECA ARMY DEPOT

Building No.: 122

Building Name: Facility Engineering Shops

Estimated Gross Floor Area: 12,318 Square Feet

Architecture: Single story concrete block and brick structure with concrete floor and roof deck

Heating System: Steam Heat

Assessment Results: Asbestos-containing floor tile was found in the locker room area. The remaining floor tiled areas contain no asbestos. The pipe fitting on the steam inlet to the building did not contain asbestos.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 122

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	001	B 01	LOCKER RM	132	0	0	0	0	0	0	81	0	VINYL TILE FLOOR-9 X 9 IN. GRAY COLOR
FLVCT	001	B 02	LOCKER RM	132	0	0	0	0	0	0	0	0	BUILT IN 1942 CONCRETE BLOCK STRUCT -FLAT ROOF DECK ON STEAL MEMBERS
FLVCT	001	B 03	LOCKER RM	132	0	0	0	0	0	0	0	0	
FLVCT	002	B 01	OFFICE	150	0	0	0	0	0	0	150	0	SAMPLE IS 12 X 12 IN. FLOOR TILE
FLVCT	002	B 02	OFFICE	150	0	0	0	0	0	0	0	0	
FLVCT	002	B 03	OFFICE	150	0	0	0	0	0	0	0	0	
FLVCT	002	R 01	OFFICE	150	0	0	0	0	0	0	625	0	REFERENCE SAMPLE 2-WHITE 12 X 12 IN TILE FLOOR
FLVCT	002	R 02	OFFICE2	625	0	0	0	0	0	0	625	0	REFERENCE SAMPLE 2-WHITE 12 X 12 IN . FLOOR TILE
FLVCT	002	R 02	SERVICE RM	768	0	0	0	0	0	0	768	0	REFERENCING SAMPLE 2-WHITE 12 X 12 IN. FLOOR TILE
FISTM	003	B 01	STEAM INLT	64	0	0	0	0	0	3	0	0	STEAM SUPPLY INLET TO BUILDING
FISTM	003	B 02	STEAM INLT	64	0	0	0	0	0	0	0	0	SAMPLE IS 3 FITTINGS- WET PACK, FIBERGLASS PRESENT ON PIPE RUNS
FISTM	003	B 03	STEAM INLT	64	0	0	0	0	0	0	0	0	

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 122

Space: LOCKER RM

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	3.2	Hours			33.95	109	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	2.3	Hours			33.95	78	
D. Clean Up	1.4	Hours			33.95	48	
Total Direct Labor	6.9	Hours			33.95	235	
Overhead and Profit	25	-%-				59	
TOTAL LABOR						294	294
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	540	Sq Ft	0.13	70			
3. Disposal Bags	2	Each	0.70	1			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				581			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				807			807
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	81	Sq Ft		142			
TOTAL REPLACEMENT COSTS				142			142
SUBTOTAL BEFORE INSURANCE							3,276
INSURANCE	15	-%-					491
TOTAL INCLUDING INSURANCE							3,767
CONTINGENCY	20	-%-					753
GRAND TOTAL ($)							4,520

SENECA ARMY DEPOT

Building No.: 123

Building Name: Engineering

Estimated Gross Floor Area: 4438 Square Feet

Architecture: Single story concrete block and brick structure with concrete floor and roof deck with a metal deck in the addition

Heating System: Steam Heat with A/C System

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 123

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	001	B 01	ENGINEERIN	3600	0	0	0	0	0	0	3600	0	v.c.t. on floors
FLVCT	001	B 02	ENGINEERIN	3600	0	0	0	0	0	0	0	0	
FLVCT	001	B 03	ENGINEERIN	3600	0	0	0	0	0	0	0	0	
CLLI	002	B 01	ENGINEERIN	3600	0	0	0	0	0	0	3600	0	Drawing vault - concrete slab deck different than rest
CLLI	002	B 02	ENGINEERIN	3600	0	0	0	0	0	0	0	0	
CLLI	002	B 03	ENGINEERIN	3600	0	0	0	0	0	0	0	0	Drop ceiling, fiberglass pipe insulation

SENECA ARMY DEPOT

Building No.: 124

Building Name: Facility Engineering Shops

Estimated Gross Floor Area: 1567 Square Feet

Architecture: Single story concrete block and brick structure with concrete floor and roof deck

Heating System: Steam Heat

Assessment Results: Asbestos-containing transite panels were found in the storage room. No other asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 124

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
CL	001	B 01	PRINT SHOP	1500	0	0	0	0	0	0	80	0	Fiberglass pipe insulation, concrete deck, cement floor
CL	001	B 02	PRINT SHOP	1500	0	0	0	0	0	0	0	0	Concrete block walls
CL	001	B 03	PRINT SHOP	1500	0	0	0	0	0	0	0	0	8x10 12' ceiling in storage room (transite) location of sample 1

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SENECA ARMY DEPOT

Date: 05/05/88

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 124

Space: PRINT SHOP

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	20.5	Hours			33.95	696	
B. Ceiling Removal	2.3	Hours			33.95	78	
C. ACM Removal	0.0	Hours			33.95	0	
D. Clean Up	8.6	Hours			33.95	292	
Total Direct Labor	31.4	Hours			33.95	1066	
Overhead and Profit	25	-%-				266	
TOTAL LABOR						1332	1,332
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	3420	Sq Ft	0.13	445			
3. Disposal Bags	2	Each	0.70	1			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				956			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				1182			1,182
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	80	Sq Ft		122			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				122			122
SUBTOTAL BEFORE INSURANCE							4,669
INSURANCE	15	-%-					700
TOTAL INCLUDING INSURANCE							5,369
CONTINGENCY	20	-%-					1,074
GRAND TOTAL ($)							6,443

SENECA ARMY DEPOT

Building No.: 125

Building Name: Procurement Office

Estimated Gross Floor Area: 4260 Square Feet

Architecture: Single story concrete block and brick structure with concrete floor and roof deck

Heating System: Hot Water Radiant Heat

Assessment Results: The yellowish color vinyl sheet floor covering in the office area, east end of building and the temporary cubicle area contains asbestos. No other asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 125

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	001	B 01	QUAL.ASSUR	3528	0	0	0	0	0	0	2028	0	Fiberglass pipe insulation throughout.
FLVCT	001	B 02	QUAL.ASSUR	3528	0	0	0	0	0	0	0	0	Building completelv renovated 5 vrs . ago.
FLVCT	001	B 03	QUAL.ASSUR	3528	0	0	0	0	0	0	0	0	
CLLI	002	B 01	QUAL.ASSUR	3528	0	0	0	0	0	0	3528	0	Typical drop ceiling set up
CLLI	002	B 02	QUAL.ASSUR	3528	0	0	0	0	0	0	0	0	
CLLI	002	B 03	QUAL.ASSUR	3528	0	0	0	0	0	0	0	0	
FLVCS	003	B 01	QUAL.ASSUR	3528	0	0	0	0	0	0	1500	0	
FLVCS	003	B 02	QUAL.ASSUR	3528	0	0	0	0	0	0	0	0	
FLVCS	003	B 03	QUAL.ASSUR	3528	0	0	0	0	0	0	0	0	Yellowish vinvl sheet tile-front of office,east end, temporary cubicle

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 125

Space: QUAL.ASSUR

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	39.2	Hours			33.95	1331	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	42.9	Hours			33.95	1456	
D. Clean Up	16.4	Hours			33.95	557	
Total Direct Labor	98.5	Hours			33.95	3344	
Overhead and Profit	25	-%-				836	
TOTAL LABOR						4180	4,180
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	9	Days	65.00	585			
2. HEPA Vacuum Units	6	Days	25.00	150			
3. Airless Sprayers	6	Days	30.00	180			
4. Scaffolding	6	Days	6.00	36			
Subtotal Equipment				951			
B. Supplies							
1. Safety Equipment	15	Pers Days	20.00	300			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	6552	Sq Ft	0.13	852			
3. Disposal Bags	12	Each	0.70	8			
4. Labeled Drums	3	Each	10.00	30			
Subtotal Supplies				1390			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				2641			2,641
III. SERVICES							
A. Transport & Disposal	1.00	Cu Yd	100.00	100			
B. Environmental QA	4	Days	1000.00	4000			
TOTAL SERVICES				4100			4,100
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	1500	Sq Ft		2625			
TOTAL REPLACEMENT COSTS				2625			2,625
SUBTOTAL BEFORE INSURANCE							13,546
INSURANCE	15	-%-					2,032
TOTAL INCLUDING INSURANCE							15,578
CONTINGENCY	20	-%-					3,116
GRAND TOTAL ($)							18,694

SENECA ARMY DEPOT

Building No.: 126

Building Name: Depot Youth Center

Estimated Gross Floor Area: 2944 Square Feet

Architecture: Prefabricated metal building with concrete floor

Heating System: Hot water heat

Assessment Results: Floor tile throughout this building contains no asbestos. No other asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 126

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	001	B 01	YOUTH CTR	3000	0	0	0	0	0	0	144	0	Both bathrooms-floor tile-white-girls room sampled
FLVCT	001	B 02	YOUTH CTR	3000	0	0	0	0	0	0	0	0	
FLVCT	001	B 03	YOUTH CTR	3000	0	0	0	0	0	0	0	0	
FLVCT	001	R 01	YOUTH CTR	3000	0	0	0	0	0	0	144	0	Reference to boy's room.
FLVCT	002	B 01	YOUTH CTR	3000	0	0	0	0	0	0	3240	0	main areas, gold colored, VAT
FLVCT	002	B 02	YOUTH CTR	3000	0	0	0	0	0	0	0	0	main areas, gold colored, VAT
FLVCT	002	B 03	YOUTH CTR	3000	0	0	0	0	0	0	0	0	fiberglass drop ceiling throughout building

SENECA ARMY DEPOT

Building No.: 127

Building Name: R.R. Equipment Maintenance Shop

Estimated Gross Floor Area: 6517 Square Feet

Architecture: Single story concrete block and brick structure with concrete floor and roof deck

Heating System: Forced air heat

Assessment Results: Asbestos-containing building material was found on pipes and pipe fittings on the heating system piping throughout the building and is either in fair condition or damaged with debris on floor. Repair and/or removal of damaged materials is recommended.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 127

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
PIHW	001	B 01	MAIN BAY	3000	250	0	0	0	0	0	0	0	Physical damage poor condition - from machinery moving in and out
PIHW	001	B 02	MAIN BAY	3000	0	0	0	0	0	0	0	0	Small-mid pipe, north wall - above head
PIHW	001	B 03	MAIN BAY	3000	0	0	0	0	0	0	0	0	
FIHW	002	B 01	MAIN BAY	3000	0	0	0	0	0	0	0	0	Fitting on same pipe run as above
FIHW	002	B 02	MAIN BAY	3000	0	0	0	32	0	0	0	0	
FIHW	002	B 03	MAIN BAY	3000	0	0	0	0	0	0	0	0	Door south end of building (no access)
PI	003	B 01	MAIN BAY	3000	150	0	0	0	0	0	0	0	Pipe smaller - south wall of building :*no access to storage room
PI	003	B 02	MAIN BAY	3000	0	0	0	0	0	0	0	0	Fair condition
PI	003	B 03	MAIN BAY	3000	0	0	0	0	0	0	0	0	
PI	003	R 01	MAIN BAY	3000	7	0	0	0	0	0	0	0	
ATIN	004	B 01	MAIN BAY	3000	0	0	0	0	0	0	1500	0	Blown in cellulose insulation up above railroad bay, north end
ATIN	004	B 02	MAIN BAY	3000	0	0	0	0	0	0	0	0	
ATIN	004	B 03	MAIN BAY	3000	0	0	0	0	0	0	0	0	
FI	005	B 01	MAIN BAY	3000	0	0	0	14	0	0	0	0	Same location as sample 3
FI	005	B 02	MAIN BAY	3000	0	0	0	0	0	0	0	0	
FI	005	B 03	MAIN BAY	3000	0	0	0	0	0	0	0	0	Railroad Bay has no visible insulation (accessible) location is north
FI	005	R 01	MAIN BAY	3000	0	0	0	1	0	0	0	0	Pipe is aircell-fitting is same as sample 5 - Building has piping alon

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 127

Space: MAIN BAY

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	64.7	Hours			33.95	2197	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	18.3	Hours			33.95	621	
D. Clean Up	27.0	Hours			33.95	917	
Total Direct Labor	110.0	Hours			33.95	3735	
Overhead and Profit	25	-%-				934	
TOTAL LABOR						4669	4,669
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	15	Days	65.00	975			
2. HEPA Vacuum Units	3	Days	25.00	75			
3. Airless Sprayers	3	Days	30.00	90			
4. Scaffolding	9	Days	6.00	54			
Subtotal Equipment				1194			
B. Supplies							
1. Safety Equipment	15	Pers Days	20.00	300			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	10800	Sq Ft	0.13	1404			
3. Disposal Bags	30	Each	0.70	21			
4. Labeled Drums	8	Each	10.00	80			
Subtotal Supplies				2005			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				3499			3,499
III. SERVICES							
A. Transport & Disposal	2.67	Cu Yd	100.00	267			
B. Environmental QA	4	Days	1000.00	4000			
TOTAL SERVICES				4267			4,267
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	407	Lin Ft		2267			
B. Sml, Med, Lrg Fittings	47	Units		785			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				3052			3,052
SUBTOTAL BEFORE INSURANCE							15,487
INSURANCE	15	-%-					2,323
TOTAL INCLUDING INSURANCE							17,810
CONTINGENCY	20	-%-					3,562
GRAND TOTAL ($)							21,372

SENECA ARMY DEPOT

Building No.: 128

Building Name: Rock Salt Storage

Estimated Gross Floor Area: 4000 Square Feet

Architecture: Single story metal hut structure with concrete walls and floor

Heating System: None

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 128

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001	C 01	PUMP HOUSE	0	****	No ACM Materials Found.	****						A FUEL PUMING STATION NUMBERED WR6.

SENECA ARMY DEPOT

Building No.: 130

Building Name: Pump House

Estimated Gross Floor Area: 214 Square Feet

Architecture: Prefabricated metal structure with a concrete floor

Heating System: None

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 130

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001	C 01	SALT BLDG	2700	****	No ACM Materials Found.	****						

SENECA ARMY DEPOT

Building No.: 135

Building Name: Heavy Equipment Storage

Estimated Gross Floor Area: 5014 Square Feet

Architecture: Single story steel framed structure with corrugated transite walls and roof

Heating System: None

Assessment Results: Asbestos-containing transite wall and roof panel was observed, with some isolated damage to the wall panels.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 135

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
WLCEM	001	T 01	EQUIP. STO	5000	0	0	0	0	0	0	12000	0	

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 135

Space: EQUIP. STO

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	56.9	Hours			33.95	1932	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	342.9	Hours			33.95	11641	
D. Clean Up	23.8	Hours			33.95	808	
Total Direct Labor	423.6	Hours			33.95	14381	
Overhead and Profit	25	-%-				3595	
TOTAL LABOR						17976	17,976
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	52	Days	65.00	3380			
2. HEPA Vacuum Units	26	Days	25.00	650			
3. Airless Sprayers	26	Days	30.00	780			
4. Scaffolding	39	Days	6.00	234			
Subtotal Equipment				5044			
B. Supplies							
1. Safety Equipment	65	Pers Days	20.00	1300			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	9500	Sq Ft	0.13	1235			
3. Disposal Bags	2	Each	0.70	1			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				1746			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				8090			8,090
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	14	Days	1000.00	14000			
TOTAL SERVICES				14033			14,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	12000	Sq Ft		27960			
TOTAL REPLACEMENT COSTS				27960			27,960
SUBTOTAL BEFORE INSURANCE							68,059
INSURANCE	15	-%-					10,209
TOTAL INCLUDING INSURANCE							78,268
CONTINGENCY	20	-%-					15,654
GRAND TOTAL ($)							93,922

SENECA army DEPOT

Building No.: 136

Building Name: Picnic Shelter

Estimated Gross Floor Area: 960 Square Feet

Architecture: Single story wood framed structure with concrete floor and open table area

Heating System: None

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 136

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001	C 01	PICNIC SHL	0	**** No ACM Materials Found. ****								PICNIC SHELTER-BATHROOMS-NO ACM SHE ETROCK CEILING &WALLS,CEMENT FLOOR

SENECA ARMY DEPOT

Building No.: 138

Building Name: Car Wash

Estimated Gross Floor Plan: 1500 Square Feet

Architecture: Single story concrete block structure with concrete floor and roof deck

Heating System: Forced air heat

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 138

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001	C 01	CAR WASH	0	**** No ACM Materials Found. ****								NO ACM-CONCRETE WALLS,CEILING AND FLOOR

SENECA ARMY DEPOT

Building No.: S-142

Building Name: NCO Open Mess

Estimated Gross Floor Area: 10,252 Square Feet

Architecture: Single story wood framed structure with a small concrete block storage room

Heating System: Forced air heat

Assessment Results: Asbestos-containing green floor tile under carpeting was found in the lounge area near the stage. In addition, transite ceiling panels were found in the exterior utility room.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: S142

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
ATIN	010	B 01	BHND STAGE	200	0	0	0	0	0	0	0	2	ROCK WOOL INSULATION FALLING ONTO LAY-IN CEILING PANELS.
ATIN	010	B 02	BHND STAGE	200	0	0	0	0	0	0	0	0	
ATIN	010	B 03	BHND STAGE	200	0	0	0	0	0	0	0	0	
FLVCT	001	B 01	MAIN LOUNG	4900	0	0	0	0	0	0	1260	0	south entrance VCT tile on floor
FLVCT	001	B 02	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	south entrance VCT tile on floor
FLVCT	001	B 03	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	south entrance VCT tile on floor
FLVCT	001	R 01	MAIN LOUNG	4900	0	0	0	0	0	0	1288	0	VCT by bar-only around perimeter of bar-reference
FLVCT	002	B 01	MAIN LOUNG	4900	0	0	0	0	0	0	1152	0	north dining area 9" white floor t ile
FLVCT	002	B 02	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	north dining area - 9" white floor tile
FLVCT	002	B 03	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	north dining area - 9" white floor tile
FLVCT	003	B 01	MAIN LOUNG	4900	0	0	0	0	0	0	150	0	floor tile-12x12-kitchen serving ar ea-west side
FLVCT	003	B 02	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	
FLVCT	003	B 03	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	
FLVCT	004	B 01	MAIN LOUNG	4900	0	0	0	0	0	0	576	0	black tile 12 x 12 - mech. room
FLVCT	004	B 02	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	
FLVCT	004	B 03	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	
FLVCT	004	R 01	MAIN LOUNG	4900	0	0	0	0	0	0	50	0	electrical liquor storage room - black floor tile/south end
FLVCS	005	B 01	MAIN LOUNG	4900	0	0	0	0	0	0	792	0	kitchen area - vinyl sheet tile - y ellow, green, white
FLVCS	005	B 02	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	Kitchen area - vinyl sheet tile - y ellow, green, white
FLVCS	005	B 03	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	Kichen area - vinyl sheet tile - ye llow, green, white
FLVCT	006	B 01	MAIN LOUNG	4900	0	0	0	0	0	0	200	0	men's room - copper color - 12 x 12 tile
FLVCT	006	B 02	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	
FLVCT	006	B 03	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	
CLCT	007	B 01	MAIN LOUNG	4900	0	0	0	0	0	0	336	0	
CLCT	007	R 01	MAIN LOUNG	4900	0	0	0	0	0	0	100	0	women's bathroom ceiling - north en d, drop ceiling-fiberglass
FLVCT	008	B 01	MAIN LOUNG	4900	0	0	0	0	0	0	4440	0	green tile under carpet in (stage-l ounge) area (poor condition)
FLVCT	008	B 02	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	green tile under carpet in (stage-l ounge) area (poor condition)
FLVCT	008	B 03	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	Drop ceiling-fiberglass-carpeting-m etal drop ceiling under stage
CLSP	009	B 01	MAIN LOUNG	4900	0	0	0	0	0	0	1056	0	deli-lunch eating area-(5) interloc king tile ceiling

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: S142

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
CLSP	009	B 02	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	Deli-lunch eating area - (5) interl ocking tile ceiling
CLSP	009	B 03	MAIN LOUNG	4900	0	0	0	0	0	0	0	0	Formica along walls in deli area.
WLSH	011	B 01	UTILITY RM	288	0	0	0	0	0	0	100	0	MILKY WHITE WALL MATERIAL ON EAST WALL ONLY.
WLSH	011	B 02	UTILITY RM	288	0	0	0	0	0	0	0	0	
WLSH	011	B 03	UTILITY RM	288	0	0	0	0	0	0	0	0	
CLSH	100	B 01	UTILITY RM	288	0	0	0	0	0	0	288	0	GRAY COLORED CEILING MATERIAL.
WLSH	101	B 01	UTILITY RM	288	0	0	0	0	0	0	40	0	GREEN PAINTED SURFACE WITH YELLOW CORE.
CLSH	102	B 01	UTILITY RM	288	0	0	0	0	0	0	10	0	SUB LAYER OF CEILING,TOP LAYER, PARTIALLY EXPOSED.
WLSH	103	B 01	UTILITY RM	288	0	0	0	0	0	0	200	0	GREEN COLORED WALL MATERIAL

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: S142

Space: MAIN LOUNG

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	49.5	Hours			33.95	1681	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	126.9	Hours			33.95	4308	
D. Clean Up	20.6	Hours			33.95	699	
Total Direct Labor	197.0	Hours			33.95	6688	
Overhead and Profit	25	-%-				1672	
TOTAL LABOR						8360	8,360
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	18	Days	65.00	1170			
2. HEPA Vacuum Units	12	Days	25.00	300			
3. Airless Sprayers	12	Days	30.00	360			
4. Scaffolding	12	Days	6.00	72			
Subtotal Equipment				1902			
B. Supplies							
1. Safety Equipment	30	Pers Days	20.00	600			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	8260	Sq Ft	0.13	1074			
3. Disposal Bags	32	Each	0.70	22			
4. Labeled Drums	8	Each	10.00	80			
Subtotal Supplies				1676			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				4178			4,178
III. SERVICES							
A. Transport & Disposal	2.67	Cu Yd	100.00	267			
B. Environmental QA	7	Days	1000.00	7000			
TOTAL SERVICES				7267			7,267
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	4440	Sq Ft		7770			
TOTAL REPLACEMENT COSTS				7770			7,770
SUBTOTAL BEFORE INSURANCE							27,575
INSURANCE	15	-%-					4,136
TOTAL INCLUDING INSURANCE							31,711
CONTINGENCY	20	-%-					6,342
GRAND TOTAL ($)							38,053

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: S142

Space: UTILITY RM

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	6.0	Hours			33.95	204	
B. Ceiling Removal	24.7	Hours			33.95	839	
C. ACM Removal	0.0	Hours			33.95	0	
D. Clean Up	2.5	Hours			33.95	85	
Total Direct Labor	33.2	Hours			33.95	1128	
Overhead and Profit	25	-%-				282	
TOTAL LABOR						1410	1,410
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	1008	Sq Ft	0.13	131			
3. Disposal Bags	6	Each	0.70	4			
4. Labeled Drums	2	Each	10.00	20			
Subtotal Supplies				655			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				881			881
III. SERVICES							
A. Transport & Disposal	0.67	Cu Yd	100.00	67			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2067			2,067
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	288	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				0			0
SUBTOTAL BEFORE INSURANCE							4,358
INSURANCE	15	-%-					654
TOTAL INCLUDING INSURANCE							5,012
CONTINGENCY	20	-%-					1,002
GRAND TOTAL ($)							6,014

SENECA ARMY DEPOT

Building No.: 143

Building Name: Cable House

Estimated Gross Floor Area: 36 Square Feet

Architecture: Single story brick structure with concrete floor and roof deck

Heating System: None

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 143

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001	C 01	CABLE HSE.	0	**** No ACM Materials Found. ****								CONCRETE BLK.STRUCT,PAINTED GREEN

SENECA ARMY DEPOT

Building No.: 312

Building Name: Flammable Materials Storage

Estimated Gross Floor Area: 12,000 Square Feet

Architecture: Single story concrete block structure with concrete floor and wood framed roof

Heating System: Hot water heat

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 312

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001	C 01	FLAM.STOR.	12000	****	No ACM Materials Found.		****					CONC. WALLS,FLR.&WOOD FRAMED ROOF
NOACM	002	C 01	STORAGE	12000	****	No ACM Materials Found.		****					HOT WATER HEAT/CEILING SUSPENDED

SENECA army DEPOT

Building No.: 319

Building Name: Heating Plant

Estimated Gross Floor Area: 2868 Square Feet

Architecture: Single story concrete block structure with concrete floor and roof deck

Heating System: Steam Heat

Assessment Results: Asbestos-containing building material was found in the breeching material only. All other materials contain no asbestos.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 319

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
MTK	001	B 01	HEAT.PLANT	3600	0	0	0	0	0	0	358	0	
MTK	001	B 02	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
MTK	001	B 03	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
FISTM	002	B 01	HEAT.PLANT	3600	0	0	0	0	30	0	0	0	
FISTM	002	B 02	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PISTM	002	B 03	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PISTM	003	B 01	HEAT.PLANT	3600	0	175	0	0	0	0	0	0	
PISTM	003	B 02	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PISTM	003	B 03	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PI	004	B 01	HEAT.PLANT	3600	0	100	0	0	0	0	0	0	
PI	004	B 02	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PI	004	B 03	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
FIT	005	B 01	HEAT.PLANT	3600	0	0	0	0	15	0	0	0	
FIT	005	B 02	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
FIT	005	B 03	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
MBRCH	006	B 01	HEAT.PLANT	3600	0	0	0	0	0	0	800	0	
MBRCH	006	B 02	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
MBRCH	006	B 03	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PISTM	007	B 01	HEAT.PLANT	3600	125	0	0	0	0	0	0	0	
PISTM	007	B 02	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PISTM	007	B 03	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PI	008	B 01	HEAT.PLANT	3600	60	0	0	0	0	0	0	0	
PI	008	B 02	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PI	008	B 03	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
FISTM	009	B 01	HEAT.PLANT	3600		0	0	45	0	0	0	0	
FISTM	009	B 02	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
FISTM	009	B 03	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PI	010	B 01	HEAT.PLANT	3600	20	0	0	0	0	0	0	0	
PI	010	B 02	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
PI	010	B 03	HEAT.PLANT	3600	0	0	0	0	0	0	0	0	
FLVCT	011	B 01	HP/OFFICE	200	0	0	0	0	0	0	200	0	
FLVCT	011	B 02	HP/OFFICE	200	0	0	0	0	0	0	0	0	
FLVCT	011	B 03	HP/OFFICE	200	0	0	0	0	0	0	0	0	
PI	004	R 01	OIL FEED R	160	0	15	0	0	0	0	0	0	
FIT	005	R 01	OIL FEED R	160	0	0	0	0	5	0	0	0	

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 319

Space: HEAT.PLANT

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	65.5	Hours			33.95	2224	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	91.2	Hours			33.95	3096	
D. Clean Up	24.0	Hours			33.95	815	
Total Direct Labor	180.7	Hours			33.95	6135	
Overhead and Profit	25	-%-				1534	
TOTAL LABOR						7669	7,669
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	30	Days	65.00	1950			
2. HEPA Vacuum Units	12	Days	25.00	300			
3. Airless Sprayers	12	Days	30.00	360			
4. Scaffolding	18	Days	6.00	108			
Subtotal Equipment				2718			
B. Supplies							
1. Safety Equipment	30	Pers Days	20.00	600			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	9600	Sq Ft	0.13	1248			
3. Disposal Bags	62	Each	0.70	43			
4. Labeled Drums	16	Each	10.00	160			
Subtotal Supplies				1951			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				5269			5,269
III. SERVICES							
A. Transport & Disposal	5.33	Cu Yd	100.00	533			
B. Environmental QA	7	Days	1000.00	7000			
TOTAL SERVICES				7533			7,533
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	800	Sq Ft		13504			
E. Other Surfaces	0	Sq Ft		0			
TOTAL REPLACEMENT COSTS				13504			13,504
SUBTOTAL BEFORE INSURANCE							33,975
INSURANCE	15	-%-					5,096
TOTAL INCLUDING INSURANCE							39,071
CONTINGENCY	20	-%-					7,814
GRAND TOTAL ($)							46,885

SENECA ARMY DEPOT

Building No.: 320

Building Name: General Purpose Warehouse

Estimated Gross Floor Area: 12,000 Square Feet

Architecture: Single story concrete block structure with concrete floor and wood framed roof

Heating System: Hot water heat

Assessment Results: Floor tile and pipe insulation material contains no asbestos.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 320

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	001	B 01	BREAK/OFF.	1200	0	0	0	0	0	0	1200	0	
FLVCT	001	B 02	BREAK/OFF.	1200	0	0	0	0	0	0	0	0	
FLVCT	001	B 03	BREAK/OFF.	1200	0	0	0	0	0	0	0	0	
PISTM	002	B 01	BREAK/OFF.	1200	3	0	0	0	0	0	0	0	
PISTM	002	B 02	BREAK/OFF.	1200	0	0	0	0	0	0	0	0	
PISTM	002	B 03	BREAK/OFF.	1200	0	0	0	0	0	0	0	0	

SENECA army DEPOT

Building No.: 321

Building Name: TMDE/DQA Office

Estimated Gross Floor Area: 12,000 Square feet

Architecture: Single story concrete block structure with concrete floor and wood framed roof

Heating System: Steam Heat

Assessment Results: No asbestos-containing building materials were observed.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 321

SYSTEM ID	TYPE/ SITE	XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
NOACM	001	C 01	TMDE/DGA	0	****	No ACM Materials Found.	****						FIBERGLASS INSULATED PIPES-NEW CONS

SENECA ARMY DEPOT

Building No.: 323

Building Name: General Purpose Warehouse/Administration

Estimated Gross Floor Area: 90,000 Square Feet

Architecture: Single story concrete block structure with concrete floor and wood framed roof

Heating System: Steam Heat

Assessment Results: Asbestos-containing floor tile was found in the Supply Office, Entrance Hallway leading to the Safety Office, and Publication. No other building materials sampled contain asbestos.

BULK SAMPLE DETAIL SHEET: QUANTITY DATA

Building: 323

SYSTEM ID	SITE	TYPE/ XREF	SPACE ID	FLOOR AREA	LENGTHS OF PIPE -SML-	-MED-	-LRG-	NO. OF FITTINGS -SML-	-MED-	-LRG-	OTHER SQ FT	DEBRIS CU FT	COMMENTS
FLVCT	103	B 01	ADMIN OFCE	9750	0	0	0	0	0	0	9750	0	12 X 12 WHITE FLOOR, GOOD CONDITION
FLVCT	103	B 02	ADMIN OFCE	9750	0	0	0	0	0	0	0	0	NOTE: INCLUDES ALL OFFICES AND ADJ OINING HALLWAY.
FLVCT	103	B 03	ADMIN OFCE	9750	0	0	0	0	0	0	0	0	
FLVCT	107	B 01	AMMO CHIEF	300	0	0	0	0	0	0	300	0	TWO SHADES OF TAN FLOOR TILE AND GOLD FLOOR TILE.
FLVCT	107	B 02	AMMO CHIEF	300	0	0	0	0	0	0	0	0	
FLVCT	107	B 03	AMMO CHIEF	300	0	0	0	0	0	0	0	0	
FLVCS	102	B 01	BREAK RM	2600	0	0	0	0	0	0	2600	0	SHEET VINYL FLOORING
FLVCS	102	B 02	BREAK RM	2600	0	0	0	0	0	0	0	0	
FLVCS	102	B 03	BREAK RM	2600	0	0	0	0	0	0	0	0	
FLVCT	101	B 01	D/AO TOOL	240	0	0	0	0	0	0	240	0	9 X 9 LIGHT GRAY FLOOR TILE.
FLVCT	101	B 02	D/AO TOOL	240	0	0	0	0	0	0	0	0	
FLVCT	101	B 03	D/AO TOOL	240	0	0	0	0	0	0	0	0	
FLVCT	104	B 01	HALLWAY	100	0	0	0	0	0	0	100	0	12 X 12 WHITE FLOOR TILE.
FLVCT	104	B 02	HALLWAY	100	0	0	0	0	0	0	0	0	
FLVCT	104	B 03	HALLWAY	100	0	0	0	0	0	0	0	0	
FLVCT	105	B 01	PUBLCATION	1200	0	0	0	0	0	0	1200	0	9 X 9 BROWN FLOOR TILE. ACM
FLVCT	109	B 01	RECV/ISSUE	936	0	0	0	0	0	0	936	0	
FLVCT	109	B 02	RECV/ISSUE	936	0	0	0	0	0	0	0	0	
FLVCT	109	B 03	RECV/ISSUE	936	0	0	0	0	0	0	0	0	
FLVCT	105	B 01	SAFTY HALL	156	0	0	0	0	0	0	156	0	9 X 9 BROWN FLOOR TILE. ACM
FLVCT	105	B 02	SAFTY HALL	156	0	0	0	0	0	0	0	0	
FLVCT	105	B 03	SAFTY HALL	156	0	0	0	0	0	0	0	0	
FLVCT	106	B 01	SAFTY OFCE	974	0	0	0	0	0	0	974	0	12 X 12 TAN/BROWN FLOOR TILE.
FLVCT	106	B 02	SAFTY OFCE	974	0	0	0	0	0	0	0	0	
FLVCT	106	B 03	SAFTY OFCE	974	0	0	0	0	0	0	0	0	
PIHW	005	B 01	SUPPLY OFC	2400	25	0	0	0	0	0	0	0	- NO ACM
PIHW	005	B 02	SUPPLY OFC	2400	0	0	0	0	0	0	0	0	
PIHW	005	B 03	SUPPLY OFC	2400	0	0	0	0	0	0	0	0	
FLVCT	108	B 01	SUPPLY OFC	2400	0	0	0	0	0	0	800	0	ACM 12 X 12 TAN/WHITE FLOOR TILE-OFFICE AREA(EXCLUDING STORAGE AREA).
FLVCT	108	B 02	SUPPLY OFC	2400	0	0	0	0	0	0	0	0	
FLVCT	108	B 03	SUPPLY OFC	2400	0	0	0	0	0	0	0	0	

See C2-41 42-

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 323

Space: PUBLCATION

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	21.6	Hours			33.95	733	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	34.3	Hours			33.95	1164	
D. Clean Up	9.0	Hours			33.95	306	
Total Direct Labor	64.9	Hours			33.95	2203	
Overhead and Profit	25	-%-				551	
TOTAL LABOR						2754	2,754
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	2	Days	65.00	130			
2. HEPA Vacuum Units	2	Days	25.00	50			
3. Airless Sprayers	2	Days	30.00	60			
4. Scaffolding	2	Days	6.00	12			
Subtotal Equipment				252			
B. Supplies							
1. Safety Equipment	10	Pers Days	20.00	200			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	3600	Sq Ft	0.13	468			
3. Disposal Bags	10	Each	0.70	7			
4. Labeled Drums	3	Each	10.00	30			
Subtotal Supplies				1005			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				1457			1,457
III. SERVICES							
A. Transport & Disposal	1.00	Cu Yd	100.00	100			
B. Environmental QA	3	Days	1000.00	3000			
TOTAL SERVICES				3100			3,100
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	1200	Sq Ft		2100			
TOTAL REPLACEMENT COSTS				2100			2,100
SUBTOTAL BEFORE INSURANCE							9,411
INSURANCE	15	-%-					1,412
TOTAL INCLUDING INSURANCE							10,823
CONTINGENCY	20	-%-					2,165
GRAND TOTAL ($)							12,988

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 323

Space: SAFTY HALL

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	6.7	Hours			33.95	227	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	4.5	Hours			33.95	153	
D. Clean Up	2.8	Hours			33.95	95	
Total Direct Labor	14.0	Hours			33.95	475	
Overhead and Profit	25	-%-				119	
TOTAL LABOR						594	594
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	1116	Sq Ft	0.13	145			
3. Disposal Bags	2	Each	0.70	1			
4. Labeled Drums	1	Each	10.00	10			
Subtotal Supplies				656			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				882			882
III. SERVICES							
A. Transport & Disposal	0.33	Cu Yd	100.00	33			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2033			2,033
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	156	Sq Ft		273			
TOTAL REPLACEMENT COSTS				273			273
SUBTOTAL BEFORE INSURANCE							3,782
INSURANCE	15	-%-					567
TOTAL INCLUDING INSURANCE							4,349
CONTINGENCY	20	-%-					870
GRAND TOTAL ($)							5,219

ESTIMATE OF COSTS: FULL ENCLOSURE METHOD

Building: 323

Space: SUPPLY OFC

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ESTIMATE
I. LABOR		UNITS:	PER UNIT	SUBTOTAL	PER UNIT	SUBTOTAL	TOTAL ($)
A. Preparation	15.6	Hours			33.95	530	
B. Ceiling Removal	0.0	Hours			33.95	0	
C. ACM Removal	22.9	Hours			33.95	777	
D. Clean Up	6.5	Hours			33.95	221	
Total Direct Labor	45.0	Hours			33.95	1528	
Overhead and Profit	25	-%-				382	
TOTAL LABOR						1910	1,910
II. EQUIPMENT, MATERIALS & SUPPLIES							
A. Equipment Rentals							
1. HEPA Exh. Units	1	Days	65.00	65			
2. HEPA Vacuum Units	1	Days	25.00	25			
3. Airless Sprayers	1	Days	30.00	30			
4. Scaffolding	1	Days	6.00	6			
Subtotal Equipment				126			
B. Supplies							
1. Safety Equipment	5	Pers Days	20.00	100			
C. Materials							
1. Decontamination Cham	1	Each	500.00	500			
2. Barrier Materials	2600	Sq Ft	0.13	338			
3. Disposal Bags	6	Each	0.70	4			
4. Labeled Drums	2	Each	10.00	20			
Subtotal Supplies				862			
TOTAL MATERIAL, EQUIPMENT & SUPPLIES				1088			1,088
III. SERVICES							
A. Transport & Disposal	0.67	Cu Yd	100.00	67			
B. Environmental QA	2	Days	1000.00	2000			
TOTAL SERVICES				2067			2,067
IV. REPLACEMENT COSTS							
A. Sml, Med, Lrg Pipe	0	Lin Ft		0			
B. Sml, Med, Lrg Fittings	0	Units		0			
C. Ceilings	0	Sq Ft		0			
D. Equipment	0	Sq Ft		0			
E. Other Surfaces	800	Sq Ft		1400			
TOTAL REPLACEMENT COSTS				1400			1,400
SUBTOTAL BEFORE INSURANCE							6,465
INSURANCE	15	-%-					970
TOTAL INCLUDING INSURANCE							7,435
CONTINGENCY	20	-%-					1,487
GRAND TOTAL ($)							8,922

APPENDIX A

SAMPLING AND ANALYTICAL METHODS

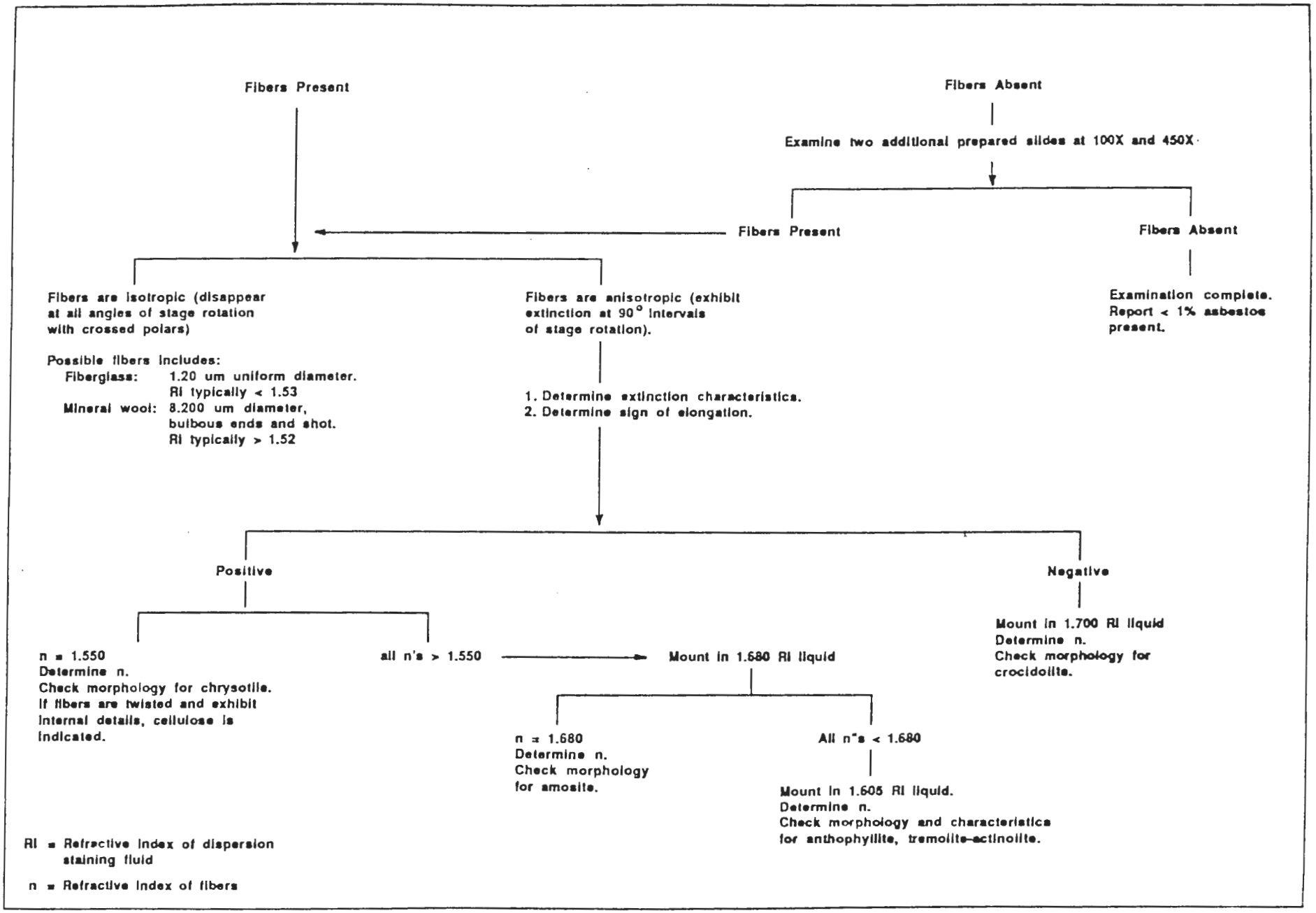
ASBESTOS IDENTIFICATION - BULK MATERIALS

Bulk samples of suspected asbestos-containing materials are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" published by the U.S. Environmental Protection Agency, Environmental Monitoring Systems Laboratory, Research Triangle Park, North Carolina. This method is applicable to all bulk samples of friable materials submitted for identification and quantification of asbestos. Cementitious materials can also be analyzed by this method after the suspect fibers have been extracted from the matrix.

Bulk samples of building materials taken for asbestos identification are first examined for homogeneity and preliminary fiber identification at low magnification. Positive identification of suspect fibers is made by analysis of subsamples under polarized light microscopy and disperson staining techniques. Identification is made on the basis of comparing the known physical and optical characteristics of the various types of asbestos with those of the suspect material. The figure on the next page is a flow chart for the analytical procedure.

The upper detection limit of the method is given as 100 percent asbestos and the lower limit as less than 1 percent. Fibrous organic constituents of bulk samples may interfere with the identification and quantitation of the asbestos mineral content. Spray-on binder materials may coat fibers and affect color or obscure optical characteristics to the extent of masking fiber identity. Fine particles of other materials may also adhere to fibers to an extent sufficient to cause confusion in identification. Procedures that may be used for the removal of interferences are presented in the method.

FLOW CHART FOR ANALYSIS OF BULK SAMPLES BY POLARIZED LIGHT MICROSCOPY



Reference: " Tentative Method for the Determination of Asbestiform Minerals in Bulk Samples by Polarized Light Microscopy", Environmental Monitoring Systems Laboratory, USEPA, Research Triangle Park, North Carolina (March, 1980)

APPENDIX B

QUALITY CONTROL

QUALITY ASSURANCE PROCEDURES
FOR
ASBESTOS MANAGEMENT SERVICES

FIELD SERVICES

All field personnel are trained and perform their work in accordance with GALSON Standard Operating Procedures (SOPs). These SOPs reflect good industrial hygiene practice, adherence to state-of-the-art methods of asbestos abatement, and compliance with regulatory requirements. The SOPs cover asbestos hazard assessment survey techniques and the various on-site, abatement monitoring services provided by Galson Technical Services.

The purpose of the SOPs is to assure uniform, quality field work demonstrably in accordance with currently acceptable and recommended asbestos control practices.

LABORATORY SERVICES

The GALSON laboratories follow strict quality control guidelines to assure accuracy and precision of analytical results. Quality control procedures are summarized separately for air samples and bulk samples. All data generated to meet quality control requirements are reported to, reviewed by, and maintained by the Quality Control Manager in the laboratory.

Air Samples

Every three months technicians analyze asbestos filter samples provided by the National Institute for Occupational Safety and Health (NIOSH) as part of the Proficiency Analytical Testing (PAT) Program. Further, asbestos samples from previous PAT rounds are analyzed daily. Technicians perform a duplicate analysis of every tenth sample. Periodic duplicate analyses by a second technician are also performed.

Bulk Samples

Every four months technicians analyze bulk asbestos samples provided by the U.S. Environmental Protection Agency (EPA) as part of the Asbestos Bulk Sample Analysis Quality Assurance Program. Each month technicians analyze asbestos samples from previous EPA rounds. Duplicate mounts and analyses by a second technician are performed daily. All bulk samples found to contain less than 5 percent asbestos are analyzed by a second technican.

REMOTE FIELD LABORATORIES

GALSON field personnel establish and maintain remote field laboratories at asbestos abatement sites in accordance with GALSON Standard Operating Procedures. The quality control requirements for remote field laboratory analyses, which are also contained in a GALSON SOP, are similar to those for laboratory analyses. In addition, duplicate (side-by-side) samples are collected and analyzed every twentieth sample. Approximately 5 percent of all samples analyzed in the field are returned to the GALSON laboratory for analysis by a second technician. All data generated to meet these requirements are reported to, reviewed by, and maintained by the Quality Control Coordinator in the Industrial Hygiene Department.

QUALITY CONTROL ACCEPTANCE CRITERIA

Air Samples

Sources of error in the collection and analysis of air samples arise from environmental variability and systematic measurement inaccuracies. In order to compare the results of two analyses for the same sample, a statistical method is used. This approach accommodates the sources of error and enables a determination of acceptability at the 95 percent confidence level.

NIOSH Method 7400 provides the following test to determine whether a pair of analyses either for the same filter or for replicate samples should be rejected because of possible bias:

"Discard the sample if the difference between the two counts exceeds 2.77 (F) S_r, where F = average of the two fiber counts and S_r = relative standard deviation." S_r comes from either published data or from data developed by each laboratory.

Differences between the first and second counts on the same filter wedge are expected due to the random variability in the counting method. An even greater variability is expected when two wedges from the same filter are analyzed by two different technicians, e.g. samples analyzed in a field laboratory and then submitted to the GALSON laboratory for confirmation. Sample results that are rejected by the above criterion should be viewed as biased as a result of systematic errors and may not represent the true index of fiber concentration on the filter. Differences between duplicate samples are caused by both sources of error and rejected sample values likewise may not represent the true index of the fiber concentration in air.

If the results of a quality control sample are outside of the acceptable range, the data are reviewed by the GALSON Quality Control Manager and corrective actions are taken.

Bulk Samples

Differences found in duplicate analyses are reviewed by the GALSON Quality Control Manger. Repeat analyses are performed as needed.

Quality control data sheets for analyses performed during the course of this project follow.

Reference

NIOSH. 1985. National Institute for Occupational Safety and Health. USPHS/NIOSH membrane filter method for evaluating airborne asbestos fibers. U.S. Department of Health, Education, and Welfare.

Appendix C

Appendix C lists lab results by building number (Appendix C 1) and lab results by laboratory batch number (Appendix C 2). Terms or conditions present in these reports are listed below:

1. Asterisk (*) - This symbol is used to indicate the second or third bulk sample in a set of three which was not analyzed for the presence of asbestos. This occurs when the first sample tests positive for asbestos.

2. Fiber Type (TYPE 1, TYPE 2, TYPE 3, TYPE 4) - TYPE 1 through TYPE 4 list asbestos fiber types present in a given sample of asbestos. In the case of a sample which tests negative for asbestos, TYPE 4 will list the non-asbestos fiber type and TYPE 1 will list an ND symbol (not detected).

3. Total Percentage (TOT) - TOT refers to the total percentage of asbestos present in a sample. In the case where a sample tests negative for asbestos (TYPE 1 = ND) a zero (0) will appear in the TOT column. In the case where a sample contains a trace level of asbestos (TRA or less than 1%) the TOT column will be blank. Trace levels of asbestos are also considered negative in this case. In addition, triplicate samples not analyzed (*) will have a blank TOT column.

4. Fiber Type Definitions - Individual fiber type definitions can be found at the bottom of each lab report page. Asbestos fiber types are listed in the second and third column. Non-asbestos fiber types are listed in the fourth column.

APPENDIX C 1
LABORATORY RESULTS BY BUILDING NUMBER

V A L I D L A B S A M P L E S

Building: 006

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
DOOR	001 B	01		100101	031606	03/03/88	AM	10	CH	40					50
DOOR	001 B	02		100102	031606	03/03/88	*								
DOOR	001 B	03		100103	031606	03/03/88	*								

Building: 007

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001 B	01		100104	031606	03/03/88	AM	40	CH	5					45
PIHW	001 B	02		100105	031606	03/03/88	*								
PIHW	001 B	03		100106	031606	03/03/88	*								
PIHW	002 B	01		100140	031606	03/03/88	CH	35					CE	45	35
PIHW	002 B	02		100141	031606	03/03/88	*								
PIHW	002 B	03		100142	031606	03/03/88	*								
FIHW	003 B	01		100143	031606	03/03/88	AM	1	CH	60					61
FIHW	003 B	02		100144	031606	03/03/88	*								
FIHW	003 B	03		100145	031606	03/03/88	*								

Building: 101

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PISTM	001 B	01		F1240A	011812	01/13/88	AM	40	CH	5					45
PISTM	001 B	02		F1240B	011812	01/13/88	*								
PISTM	001 B	03		F1240C	011812	01/13/88	*								
PISTM	002 B	01		F1241A	011812	01/13/88	CH	65							65
PISTM	002 B	02		F1241B	011812	01/13/88	*								
PISTM	002 B	03		F1241C	011812	01/13/88	*								
MBLR	003 B	01		F1242A	011812	01/13/88	CH	30					SN	60	30
MBLR	003 B	02		F1242B	011812	01/13/88	CH	TRA					SN	100	
MBLR	003 B	03		F1242C	011812	01/13/88	*								
HDUTP	004 B	01		F1243A	011812	01/13/88	CH	25							25
HDUTP	004 B	02		F1243B	011812	01/13/88	*								
HDUTP	004 B	03		F1243C	011812	01/13/88	*								
CLGL	005 B	01		F1244A	011812	01/13/88	ND	0					CE	100	0
CLGL	005 B	02		F1244B	011812	01/13/88	ND	0					CE	100	0
CLGL	005 B	03		F1244C	011812	01/13/88	ND	0					CE	90	0
FLVCT	006 B	01		F1245A	011812	01/13/88	ND	0					CE	25	0
FLVCT	006 B	02		F1245B	011812	01/13/88	ND	0					CE	5	0
FLVCT	006 B	03		F1245C	011812	01/13/88	CH	TRA					CE	5	

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 101

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PISTM	007 B	01		F1246A	011812	01/13/88	CH	15					CE	60	15
PISTM	007 B	02		F1246B	011812	01/13/88	*								
PISTM	007 B	03		F1246C	011812	01/13/88	*								
CLLI	008 B	01		F1247A	011812	01/13/88	ND	0					CE	70	0
CLLI	008 B	02		F1247B	011812	01/13/88	ND	0					CE	75	0
CLLI	008 B	03		F1247C	011812	01/13/88	ND	0					CE	70	0
CL	009 B	01		F1248A	011812	01/13/88	CH	20					CE	70	20
CL	009 B	02		F1248B	011812	01/13/88	*								
CL	009 B	03		F1248C	011812	01/13/88	*								

Building: 103

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
CLPL	001 B	01		F1249A	011812	01/13/88	CH	TRA					CE	TRA	
CLPL	001 B	02		F1249B	011812	01/13/88	ND	0					CE	TRA	0
CLPL	001 B	03		F1249C	011812	01/13/88	NV								
FLVCT	002 B	01		F1250A	011812	01/13/88	ND	0					CE	11	0
FLVCT	002 B	02		F1250B	011812	01/13/88	ND	0					CE	10	0
FLVCT	002 B	03		F1250C	011812	01/13/88	ND	0					CE	1	0
ATIN	003 B	01		F1251A	011812	01/13/88	ND	0					FG	100	0
ATIN	003 B	02		F1251B	011812	01/13/88	ND	0					FG	100	0
ATIN	003 B	03		F1251C	011812	01/13/88	ND	0					FG	100	0
FLVCT	004 B	01		F1252A	011812	01/13/88	CH	TRA					MW	TRA	
FLVCT	004 B	02		F1252B	011812	01/13/88	CH	TRA					CE	1	
FLVCT	004 B	03		F1252C	011812	01/13/88	CH	TRA					CE	TRA	
MBRCH	005 B	01		F1253A	011812	01/13/88	ND	0					SN	15	0
MBRCH	005 B	02		F1253B	011812	01/13/88	ND	0					SN	15	0
MBRCH	005 B	03		F1253C	011812	01/13/88	ND	0					SN	15	0
PISTM	006 B	01		F1254A	011812	01/13/88	AM	50	CH	20					70
PISTM	006 B	02		F1254B	011812	01/13/88	*								
PISTM	006 B	03		F1254C	011812	01/13/88	*								
FISTM	007 B	01		F1255A	011812	01/13/88	CH	85							85
FISTM	007 B	02		F1255B	011812	01/13/88	*								
FISTM	007 B	03		F1255C	011812	01/13/88	*								
PI	008 B	01		F1256A	011812	01/13/88	CH	20					CE	70	20
PI	008 B	02		F1256B	011812	01/13/88	*								
PI	008 B	03		F1256C	011812	01/13/88	*								
FLVCT	009 B	01		F1257A	011812	01/13/88	CH	TRA					CE	1	
FLVCT	009 B	02		F1257B	011812	01/13/88	CH	TRA					CE	1	

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

VALID LAB SAMPLES

Building: 103

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	009 B	03		F1257C	011812	01/13/88	CH	TRA					CE	1	

Building: 104

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F1258A	011812	01/13/88	ND	0						TRA	0
FLVCT	001 B	02		F1258B		13/88	ND	0					SN	TRA	0
FLVCT	001 B	03		F1258C	011812	01/13/88	ND	0					SN	TRA	0

Building: 106

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
MBRCH	001 B	01		F1779A	012217	01/19/88	ND	0					MW	35	0
MBRCH	001 B	02		F1779B	012217	01/19/88	ND	0					MW	35	0
MBRCH	001 B	03		F1779C	012217	01/19/88	ND	0					MW	35	0
HFANH	002 B	01		F1780A	012217	01/19/88	ND	0					SN	80	0
HFANH	002 B	02		F1780B	012217	01/19/88	ND	0					SN	80	0
HFANH	002 B	03		F1780C	012217	01/19/88	ND	0					SN	80	0
FLVCS	003 B	01		F1781A	012217	01/19/88	CH	35							35
FLVCS	003 B	02		F1781B	012217	01/19/88	*								
FLVCS	003 B	03		F1781C	012217	01/19/88	*								
FLVCS	004 B	01		F1782A	012217	01/19/88	ND	0					SN	10	0
FLVCS	004 B	02		F1782B	012217	01/19/88	ND	0					SN	15	0
FLVCS	004 B	03		F1782C	012217	01/19/88	ND	0					SN	15	0

Building: 113

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FIHW	001 B	01		F1235A	011812	01/13/88	AM	45	CH	10					55
FIHW	001 B	02		F1235B	011812	01/13/88	*								
FIHW	001 B	03		F1235C	011812	01/13/88	*								
FIHW	002 B	01		F1236A	011812	01/13/88	CH	70					CE	5	70
FIHW	002 B	02		F1236B	011812	01/13/88	*								
FIHW	002 B	03		F1236C	011812	01/13/88	*								
FLVCT	003 B	01		F1237A	011812	01/13/88	CH	TRA					CE	TRA	
FLVCT	003 B	02		F1237B	011812	01/13/88	CH	TRA							
FLVCT	003 B	03		F1237C	011812	01/13/88	CH	TRA							

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 113

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	004 B	01		F1238A	011812	01/13/88	CH	TRA					CE	TRA	
FLVCT	004 B	02		F1238B	011812	01/13/88	CH	TRA					CE	TRA	
FLVCT	004 B	03		F1238C	011812	01/13/88	CH	TRA					CE	1	

Building: 114

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F1239A	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	001 B	02		F1239B	011812	01/13/88	ND	0					CE	1	0
FLVCT	001 B	03		F1239C	011812	01/13/88	ND	0					CE	TRA	0

Building: 115

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PI	001 B	01		F1202A	011812	01/13/88	CH	10					CE	80	10
PI	001 B	02		F1202B	011812	01/13/88	*								
PI	001 B	03		F1202C	011812	01/13/88	*								
PI	002 B	01		F1203A	011812	01/13/88	ND	0					FG	95	0
PI	002 B	02		F1203B	011812	01/13/88	ND	0					FG	100	0
PI	002 B	03		F1203C	011812	01/13/88	ND	0					FG	90	0
FIT	003 B	01		F1204A	011812	01/13/88	ND	0					FG	100	0
FIT	003 B	02		F1204B	011812	01/13/88	ND	0					FG	100	0
FIT	003 B	03		F1204C	011812	01/13/88	ND	0					FG	100	0
PI	004 B	01		F1205A	011812	01/13/88	CH	5					CE	85	5
PI	004 B	02		F1205B	011812	01/13/88	*								
PI	004 B	03		F1205C	011812	01/13/88	*								

Building: 116

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5763A	022938	02/17/88	ND	0					CE	1	0
FLVCT	001 B	02		F5763B	022938	02/17/88	ND	0					CE	10	0
FLVCT	001 B	03		F5763C	022938	02/17/88	ND	0					CE	TRA	0
FLVCT	002 B	01		100147	022938	02/17/88	ND	0					CE	1	0
FLVCT	002 B	02		F5764B	022938	02/17/88	ND	0					CE	1	0
FLVCT	002 B	03		F5764C	022938	02/17/88	ND	0					CE	TRA	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 117

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FISTM	001 B	01		F1210A	011812	01/13/88	AM	25	CH	10					35
FISTM	001 B	02		F1210B	011812	01/13/88	*								
FISTM	001 B	03		F1210C	011812	01/13/88	*								
FLVCT	002 B	01		F1211A	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	002 B	02		F1211B	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	002 B	03		F1211C	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	003 B	01		F1212A	011812	01/13/88	CH	5							5
FLVCT	003 B	02		F1212B	011812	01/13/88	*								
FLVCT	003 B	03		F1212C	011812	01/13/88	*								

Building: 119

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F1209A	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	001 B	02		F1209B	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	001 B	03		F1209C	011812	01/13/88	ND	0					CE	TRA	0

Building: 120

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PI	001 B	01		G10797	091212	09/08/88	AM	40	CH	20					60 √
PI	001 B	02		G10798	091212	09/08/88	*								
PI	001 B	03		G10799	091212	09/08/88	*								
FI	002 B	01		G10800	091212	09/08/88	AM	40	CH	25					65 √
FI	002 B	02		G10802	091212	09/08/88	*								
FI	002 B	03		G10803	091212	09/08/88	*								

Building: 121

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
MBRCH	001 B	01		F1194A	011812	01/13/88	AM	TRA	CH	75					75
MBRCH	001 B	02		F1194B	011812	01/13/88	AM	35							35
MBRCH	001 B	03		F1194C	011812	01/13/88	AM	20	CH	35			MW	10	55
MBRCH	002 B	01		F1195A	011812	01/13/88	CH	30					MW	60	30
MBRCH	002 B	02		F1195B	011812	01/13/88	AM	40	CH	5			MW	5	45
MBRCH	002 B	03		F1195C	011812	01/13/88	CH	TRA					MW	60	
FISTM	003 B	01		F1196A	011812	02/19/88	AM	30	CH	25					55

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

Galson Technical Services
Project: A8002

SENECA ARMY DEPOT

V A L I D S A M P L E S

Building: 121

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FISTM	003 B	02		F1196B	011812	02/19/88	CH	60							60
FISTM	003 B	03		F1196C	011812	02/19/88	*								
PI	004 B	01		F1197A	011812	02/19/88	AM	50	CH	5			CE	TRA	55
PI	004 B	02		F1197B	011812	02/19/88	CH	80							80
PI	004 B	03		F1197C	011812	02/19/88	CH	65							65
FIT	005 B	01		F1198A	011812	01/13/88	CH	75					CE	TRA	75
FIT	005 B	02		F1198B	011812	01/13/88	*								
FIT	005 B	03		F1198C	011812	01/13/88	*								
PISTM	006 B	01		F1199A	011812	01/13/88	AM	30	CH	20			CE	5	50
PISTM	006 B	02		F1199B	011812	01/13/88	*								
PISTM	006 B	03		F1199C	011812	01/13/88	*								
MBLR	007 B	01		F1200A	011812	01/13/88	CH	85							85
MBLR	007 B	02		F1200B	011812	01/13/88	*								
MBLR	007 B	03		F1200C	011812	01/13/88	*								
MBRCH	008 B	01		F1201A	011812	01/13/88	ND	0					MW	100	0
MBRCH	008 B	02		F1201B	011812	01/13/88	ND	0					MW	100	0
MBRCH	008 B	03		F1201C	011812	01/13/88	ND	0					MW	100	0

Building: 122

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F1206A	011812	01/13/88	CH	25					CE	TRA	25
FLVCT	001 B	02		F1206B	011812	01/13/88	*								
FLVCT	001 B	03		F1206C	011812	01/13/88	*								
FLVCT	002 B	01		F1207A	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	002 B	02		F1207B	011812	01/13/88	ND	0					CE	1	0
FLVCT	002 B	03		F1207C	011812	01/13/88	ND	0					CE	TRA	0
FISTM	003 B	01		F1208A	011812	02/17/88	ND	0					CE	65	0
FISTM	003 B	02		F1208B	011812	01/13/88	ND	0					MW	50	0
FISTM	003 B	03		F1208C	011812	01/13/88	ND	0					MW	50	0

Building: 123

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F1222A	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	001 B	02		F1222B	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	001 B	03		F1222C	011812	01/13/88	ND	0					CE	TRA	0
CLLI	002 B	01		F1223A	011812	01/13/88	ND	0					MW	80	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 123

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
CLLI	002 B	02		F1223B	011812	01/13/88	ND	0					MW	80	0
CLLI	002 B	03		F1223C	011812	01/13/88	ND	0					MW	80	0

Building: 124

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
CL	001 B	01		F1221A	011812	01/13/88	CH	40							40
CL	001 B	02		F1221B	011812	01/13/88	*								
CL	001 B	03		F1221C	011812	01/13/88	*								

Building: 125

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F1218A	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	001 B	02		F1218B	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	001 B	03		F1218C	011812	01/13/88	ND	0					CE	TRA	0
CLLI	002 B	01		F1219A	011812	01/13/88	ND	0					CE	80	0
CLLI	002 B	02		F1219B	011812	01/13/88	ND	0					CE	75	0
CLLI	002 B	03		F1219C	011812	01/13/88	ND	0					CE	75	0
FLVCS	003 B	01		F1220A	011812	01/13/88	CH	40					CE	10	40
FLVCS	003 B	02		F1220B	011812	01/13/88	*								
FLVCS	003 B	03		F1220C	011812	01/13/88	*								

Building: 126

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F1233A	011812	01/13/88	NV								
FLVCT	001 B	02		F1233B	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	001 B	03		F1233C	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	002 B	01		F1234A	011812	01/13/88	CH	TRA					CE	TRA	
FLVCT	002 B	02		F1234B	011812	01/13/88	CH	TRA					CE	1	
FLVCT	002 B	03		F1234C	011812	01/13/88	CH	TRA					CE	TRA	

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

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V A L I D L A B S A M P L E S

Building: 127

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001 B	01		F1213A	011812	01/13/88	AM	10	CH	25					35
PIHW	001 B	02		F1213B	011812	01/13/88	*								
PIHW	001 B	03		F1213C	011812	01/13/88	*								
FIHW	002 B	01		F1214A	011812	01/13/88	AM	45	CH	25					70
FIHW	002 B	02		F1214B	011812	01/13/88	*								
FIHW	002 B	03		F1214C	011812	01/13/88	*								
PI	003 B	01		F1215A	011812	01/13/88	CH	70							70
PI	003 B	02		F1215B	011812	01/13/88	*								
PI	003 B	03		F1215C	011812	01/13/88	*								
ATIN	004 B	01		F1216A	011812	01/13/88	ND	0					CE	100	0
ATIN	004 B	02		F1216B	011812	01/13/88	ND	0					CE	100	0
ATIN	004 B	03		F1216C	011812	01/13/88	ND	0					CE	100	0
FI	005 B	01		F1217A	011812	01/13/88	AM	25	CH	25					50
FI	005 B	02		F1217B	011812	01/13/88	*								
FI	005 B	03		F1217C	011812	01/13/88	*								

Building: 2104

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
MTK	001 B	01		100022	032413	03/23/88	AM	45	CH	20					65
MTK	001 B	02		100023	032413	03/23/88	*								
MTK	001 B	03		100024	032413	03/23/88	*								
PISTM	002 B	01		100025	032413	03/23/88	CH	35					CE	45	35
PISTM	002 B	02		100026	032413	03/23/88	*								
PISTM	002 B	03		100027	032413	03/23/88	*								
FISTM	003 B	01		100028	032413	03/23/88	AM	35	CH	20					55
FISTM	003 B	02		100029	032413	03/23/88	*								
FISTM	003 B	03		100030	032413	03/23/88	*								

Building: 2113

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		100068	031607	03/04/88	CH	TRA					CE	5	
FLVCT	001 B	02		100069	031607	03/04/88	CH	TRA					CE	5	
FLVCT	001 B	03		100070	031607	03/04/88	CH	TRA					CE	10	

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AM - Amosite
AN - Anthophylite
CH - Chrysotile
CR - Crocidolite
TR - Tremolite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

Form 4.2.1.1 — Date: 12/19/88

V A L I D L A B S A M P L E S

Building: 2207

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FIHW	001 B	01		100086	031607	03/04/88	ND	0					MW	45	0
FIHW	001 B	02		100087	031607	03/04/88	ND	0					MW	45	0
FIHW	001 B	03		100088	031607	03/04/88	ND	0					MW	45	0

Building: 2301

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		100077	031607	03/04/88	ND	0					CE	TRA	0
FLVCT	001 B	02		100078	031607	03/04/88	ND	0					CE	1	0
FLVCT	001 B	03		100079	031607	03/04/88	ND	0					CE	TRA	0

Building: 2302

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
DOOR	001 B	01		100080	031607	03/04/88	AM	10					CH	35	10
DOOR	001 B	02		100081	031607	03/04/88	*								
DOOR	001 B	03		100082	031607	03/04/88	*								

Building: 2305

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		100083	031607	03/04/88	CH	TRA					CE	10	
FLVCT	001 B	02		100084	031607	03/04/88	ND	0					CE	10	0
FLVCT	001 B	03		100085	031607	03/04/88	ND	0					CE	10	0

Building: 2306

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		100089	031607	03/04/88	ND	0					CE	10	0
FLVCT	001 B	02		100090	031607	03/04/88	ND	0					CE	5	0
FLVCT	001 B	03		100091	031607	03/04/88	ND	0					CE	5	0
DEB	002 B	01		100092	031607	03/04/88	CH	5					CE	50	5
DEB	002 B	02		100093	031607	03/04/88	*								
DEB	002 B	03		100094	031607	03/04/88	*								
CLSH	003 B	01		100095	031607	03/04/88	ND	0					CE	30	0
CLSH	003 B	02		100096	031607	03/04/88	ND	0					CE	25	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 2306

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
CLSH	003 B	03		100097	031607	03/04/88	ND	0					CE	30	0
DOOR	004 B	01		100098	031607	03/04/88	AM	5	CH	40					45
DOOR	004 B	02		100099	031607	03/04/88	*								
DOOR	004 B	03		100100	031607	03/04/88	*								

Building: 2411

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FIHW	001 B	01		100032	032413	03/23/88	CH	70					MW	15	70
FIHW	001 B	02		100033	032413	03/14/88	*								
FIHW	001 B	03		100034	032413	03/14/88	*								
PIHW	002 B	01		100035	032413	03/14/88	CH	55					MW	30	55
PIHW	002 B	02		100036	032413	03/14/88	*								
PIHW	002 B	03		100037	032413	03/14/88	*								
MBRCH	003 B	01		100038	032413	03/14/88	AM	75							75
MBRCH	003 B	02		100039	032413	03/10/88	*								
MBRCH	003 B	03		100040	032413	03/10/88	*								
MBLR	004 B	01		100041	032413	03/10/88	CH	35					CE	TRA	35
MBLR	004 B	02		100042	032413	03/10/88	*								
MBLR	004 B	03		100043	032413	03/10/88	*								
MBLR	005 B	01		100044	032413	03/10/88	AM	70							70
MBLR	005 B	02		100045	032413	03/10/88	*								
MBLR	005 B	03		100046	032413	03/10/88	*								

Building: 2485

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		100047	032413	03/10/88	ND	0					CE	TRA	0
FLVCT	001 B	02		100048	032413	03/10/88	ND	0					CE	TRA	0
FLVCT	001 B	03		100049	032413	03/10/88	ND	0					CE	TRA	0

Building: 306

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5833A	022943	02/25/88	CH	TRA							
FLVCT	001 B	02		F5833B	022943	02/25/88	CH	TRA							
FLVCT	001 B	03		F5833C	022943	02/25/88	CH	TRA							

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 308

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
MFLUE	001 B	01		F5834A	022943	02/25/88	ND	0					CE	60	0
MFLUE	001 B	02		F5834B	022943	02/25/88	ND	0					CE	60	0
MFLUE	001 B	03		F5834C	022943	02/25/88	ND	0					CE	60	0

Building: 309

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F1001A	880422	04/24/88	ND	0					CE	5	0
FLVCT	001 B	02		F1001B	880422	04/24/88	ND	0					CE	5	0
FLVCT	001 B	03		F1001C	880422	04/24/88	ND	0					CE	5	0

Building: 310

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		100050	031607	03/04/88	CH	TRA					CE	TRA	
FLVCT	001 B	02		100051	031607	03/04/88	CH	TRA					CE	TRA	
FLVCT	001 B	03		100052	031607	03/04/88	CH	TRA					CE	TRA	

Building: 311

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PISTM	001 B	01		100107	031606	03/03/88	AM	20	CH	35					55
PISTM	001 B	02		100108	031606	03/03/88	*								
PISTM	001 B	03		100109	031606	03/03/88	*								
PISTM	002 B	01		100110	031606	03/03/88	CH	40					MW	45	40
PISTM	002 B	02		100111	031606	03/03/88	*								
PISTM	002 B	03		100112	031606	03/03/88	*								

Building: 316

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001 B	01		100113	031606	03/03/88	CH	45							45
PIHW	001 B	02		100114	031606	03/03/88	*								
PIHW	001 B	03		100115	031606	03/03/88	*								
FIHW	002 B	01		100116	031606	03/03/88	CH	60							60
FIHW	002 B	02		100117	031606	03/03/88	*								

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 316

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FIHW	002 B	03		100118	031606	03/03/88	*								
ATIN	003 B	01		100119	031606	03/03/88	ND	0					MW	96	0
ATIN	003 B	02		100120	031606	03/03/88	ND	0					MW	95	0
ATIN	003 B	03		100121	031606	03/03/88	ND	0					MW	100	0
WLSFP	004 B	01		100122	031606	03/03/88	ND	0					CE	95	0
WLSFP	004 B	02		100123	031606	03/03/88	ND	0					CE	95	0
WLSFP	004 B	03		100124	031606	03/03/88	ND	0					CE	95	0
FLVCT	005 B	01		100125	031606	03/03/88	ND	0					CE	TRA	0
FLVCT	005 B	02		100126	031606	03/03/88	ND	0					CE	TRA	0
FLVCT	005 B	03		100127	031606	03/03/88	ND	0					CE	TRA	0

Building: 317

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001 B	01		100053	031607	03/04/88	CH	40					CE	5	40
PIHW	001 B	02		100054	031607	03/04/88	*							5	
PIHW	001 B	03		100055	031607	03/04/88	*								
PIHW	002 B	01		100056	031607	03/04/88	CH	50					CE	30	50
PIHW	002 B	02		100057	031607	03/04/88	*								
PIHW	002 B	03		100058	031607	03/04/88	*								
FLVCT	003 B	01		100059	031607	03/04/88	ND	0					CE	TRA	0
FLVCT	003 B	02		100060	031607	03/04/88	ND	0					CE	TRA	0
FLVCT	003 B	03		100061	031607	03/04/88	ND	0					CE	TRA	0

Building: 318

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001 B	01		100062	031607	03/04/88	AM	35	CH	10					45
PIHW	001 B	02		100063	031607	03/04/88	*								
PIHW	001 B	03		100064	031607	03/04/88	*								
FLVCT	002 B	01		100065	031607	03/04/88	ND	0					CE	TRA	0
FLVCT	002 B	02		100066	031607	03/04/88	ND	0					CE	TRA	0
FLVCT	002 B	03		100067	031607	03/04/88	ND	0					CE	TRA	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AM - Amosite
AN - Anthophylite
CR - Crocidolite
CH - Chrysotile
TR - Tremolite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 319

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
MTK	001	B	01	F1790A	012217	01/20/88	ND	0					MW	30	0
MTK	001	B	02	F1790B	012217	01/20/88	ND	0					MW	30	0
MTK	001	B	03	F1790C	012217	01/20/88	ND	0					MW	30	0
FISTM	002	B	01	F1791A	012217	01/20/88	ND	0					SN	25	0
FISTM	002	B	02	F1791B	012217	01/20/88	ND	0					SN	20	0
FISTM	002	B	03	F1791C	012217	01/20/88	ND	0					SN	20	0
PISTM	003	B	01	F1792A	012217	01/20/88	ND	0					SN	20	0
PISTM	003	B	02	F1792B	012217	01/20/88	ND	0					SN	10	0
PISTM	003	B	03	F1792C	012217	01/20/88	ND	0					SN	15	0
PI	004	B	01	F1793A	012217	01/20/88	ND	0					SN	15	0
PI	004	B	02	F1793B	012217	01/20/88	ND	0					CE	15	0
PI	004	B	03	F1793C	012217	01/20/88	ND	0					CE	15	0
FIT	005	B	01	F1794A	012217	01/20/88	ND	0					CE	20	0
FIT	005	B	02	F1794B	012217	01/20/88	ND	0					CE	5	0
FIT	005	B	03	F1794C	012217	01/20/88	ND	0					CE	5	0
MBRCH	006	B	01	F1795A	012217	01/20/88	CH	35					MW	60	35
MBRCH	006	B	02	F1795B	012217	01/20/88	CH	70					MW	10	70
MBRCH	006	B	03	F1795C	012217	01/20/88	CH	20					MW	70	20
PISTM	007	B	01	F1796A	012217	01/20/88	ND	0					SN	20	0
PISTM	007	B	02	F1796B	012217	01/20/88	ND	0					SN	20	0
PISTM	007	B	03	F1796C	012217	01/20/88	ND	0					SN	15	0
PI	008	B	01	F1797A	012217	01/20/88	ND	0					MW	20	0
PI	008	B	02	F1797B	012217	01/20/88	ND	0					MW	25	0
PI	008	B	03	F1797C	012217	01/20/88	ND	0					MW	30	0
FISTM	009	B	01	F1798A	012217	01/20/88	ND	0					CE	30	0
FISTM	009	B	02	F1798B	012217	01/20/88	ND	0					MW	25	0
FISTM	009	B	03	F1798C	012217	01/20/88	ND	0					MW	25	0
PI	010	B	01	F1799A	012217	01/20/88	ND	0					MW	30	0
PI	010	B	02	F1799B	012217	01/20/88	ND	0					MW	35	0
PI	010	B	03	F1799C	012217	01/20/88	ND	0					MW	35	0
FLVCT	011	B	01	F1800A	012217	01/20/88	ND	0					CE	TRA	0
FLVCT	011	B	02	F1800B	012217	01/20/88	*								
FLVCT	011	B	03	F1800C	012217	01/20/88	ND	0					CE	TRA	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

VALID LAB SAMPLES

Building: 320

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F1783A	012217	01/19/88	ND	0					CE	TRA	0
FLVCT	001 B	02		F1783B	012217	01/19/88	ND	0					CE	TRA	0
FLVCT	001 B	03		F1783C	012217	01/19/88	ND	0					CE	TRA	0
PISTM	002 B	01		F1784A	012217	01/19/88	ND	0					CE	95	0
PISTM	002 B	02		F1784B	012217	01/19/88	CH	TRA					CE	95	
PISTM	002 B	03		F1784C	012217	01/19/88	ND	0					CE	95	0

Building: 323

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	005 B	01		F1789A	012217	01/19/88	ND	0					CE	95	0
PIHW	005 B	02		F1789B	012217	01/19/88	ND	0					CE	95	0
PIHW	005 B	03		F1789C	012217	01/19/88	ND	0					CE	95	0
FLVCT	101 B	01		G10804	091212	09/08/88	ND	0					CE	TRA	0
FLVCT	101 B	02		G10805	091212	09/08/88	ND	0					CE	TRA	0
FLVCT	101 B	03		G10806	091212	09/08/88	ND	0					CE	TRA	0
FLVCS	102 B	01		G10807	091212	09/08/88	ND	0					CE	45	0
FLVCS	102 B	02		G10808	091212	09/08/88	ND	0					CE	45	0
FLVCS	102 B	03		G10809	091212	09/08/88	ND	0					CE	45	0
FLVCT	103 B	01		G10810	091212	09/08/88	ND	0					CE	TRA	0
FLVCT	103 B	02		G10811	091212	09/08/88	ND	0					CE	TRA	0
FLVCT	103 B	03		G10812	091212	09/08/88	ND	0					CE	TRA	0
FLVCT	104 B	01		G10813	091212	09/08/88	ND	0					CE	15	0
FLVCT	104 B	02		G10814	091212	09/08/88	ND	0					CE	5	0
FLVCT	104 B	03		G10815	091212	09/08/88	ND	0					CE	5	0
FLVCT	105 B	01		G10816	091212	09/08/88	CH	5					CE	TRA	5
FLVCT	105 B	02		G10817	091212	09/08/88	*								
FLVCT	105 B	03		G10818	091212	09/08/88	*								
FLVCT	106 B	01		G10819	091212	09/08/88	ND	0					CE	TRA	0
FLVCT	106 B	02		G10820	091212	09/08/88	CH	TRA					CE	TRA	
FLVCT	106 B	03		G10821	091212	09/08/88	ND	0					CE	TRA	0
FLVCT	107 B	01		G10822	091212	09/08/88	ND	0					CE	5	0
FLVCT	107 B	02		G10823	091212	09/08/88	ND	0					CE	5	0
FLVCT	107 B	03		G10824	091212	09/08/88	ND	0					CE	TRA	0
FLVCT	108 B	01		G10825	091212	09/08/88	CH	5					CE	TRA	5
FLVCT	108 B	02		G10826	091212	09/08/88	*								
FLVCT	108 B	03		G10827	091212	09/08/88	*								
[illegible]		01		G10828	091212	[illegible]8/88	ND	0					CE	TRA	0
FLVCT	109 B	02		G10829	091212	09/08/88	ND	0					CE	TRA	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 323

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	109 B	03		G10830	091212	09/08/88	ND	0					CE	TRA	0

Building: 360

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		100128	031606	03/03/88	CH	TRA					CE	TRA	
FLVCT	001 B	02		100129	031606	03/03/88	ND	0					CE	TRA	0
FLVCT	001 B	03		100130	031606	03/03/88	ND	0					CE	TRA	0

Building: 366

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PISTM	001 B	01		100007	032413	03/23/88	CH	50					CE	40	50
PISTM	001 B	02		100008	032413	03/23/88	*								
PISTM	001 B	03		100009	032413	03/23/88	*								

Building: 369

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
WLCEM	001 B	01		100131	031606	03/03/88	CH	55							55
WLCEM	001 B	02		100132	031606	03/03/88	*								
WLCEM	001 B	03		100133	031606	03/03/88	*								

Building: 606

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FIHW	001 B	01		F5857A	022944	02/26/88	CH	15					CE	75Y	15
FIHW	001 B	02		F5857B	022944	02/26/88	*								
FIHW	001 B	03		F5857C	022944	02/26/88	*								
FIHW	002 B	01		F5858A	022944	02/26/88	CH	25					CE	65	25
FIHW	002 B	02		F5858B	022944	02/26/88	*								
FIHW	002 B	03		F5858C	022944	02/26/88	*								
FIHW	003 B	01		F5860A	022944	02/26/88	AM	40	CH	30					70
FIHW	003 B	02		F5860B	022944	02/26/88	*								
FIHW	003 B	03		F5860C	022944	02/26/88	*								
MTK	004 B	01		F5861A	022944	02/26/88	AM	20	CH	40			CE	10	60

NOTE:
TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile
AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 606

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
MTK	004 B	02		F5861B	022944	02/26/88	*								
MTK	004 B	03		F5861C	022944	02/26/88	*								

Building: 609

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001 B	01		100134	031606	03/03/88	CH	40					CE	45	40
PIHW	001 B	02		100135	031606	03/03/88	*								
PIHW	001 B	03		100136	031606	03/03/88	*								
FLVCT	002 B	01		100137	031606	03/03/88	ND	0					CE	TRA	0
FLVCT	002 B	02		100138	031606	03/03/88	ND	0					CE	TRA	0
FLVCT	002 B	03		100139	031606	03/03/88	CH	TRA					CE	TRA	

Building: 612

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001 B	01		F5835A	022943	02/25/88	CH	40					CE	50	40
PIHW	001 B	02		F5835B	022943	02/25/88	*								
PIHW	001 B	03		F5835C	022943	02/25/88	*								
PIHW	002 B	01		F5836A	022943	02/25/88	CH	60					CE	25	60
PIHW	002 B	02		F5836B	022943	02/25/88	*								
PIHW	002 B	03		F5836C	022943	02/25/88	*								
PIHW	003 B	01		F5837A	022943	02/25/88	CH	40	AM	35					75
PIHW	003 B	02		F5837B	022943	02/25/88	*								
PIHW	003 B	03		F5837C	022943	02/25/88	*								
FLVCT	004 B	01		F5838A	022943	02/25/88	NV								
FLVCT	004 B	02		F5838B	022943	02/25/88	NV								
FLVCT	004 B	03		F5838C	022943	02/25/88	NV								

Building: 701

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001 B	01		F2371A	012817	01/26/88	CH	35					FG	45	35
PIHW	001 B	02		F2371B	012817	01/26/88	*								
PIHW	001 B	03		F2371C	012817	01/26/88	*								
CLGL	002 B	01		F2372A	012817	01/26/88	ND	0					FG	90	0
CLGL	002 B	02		F2372B	012817	01/26/88	ND	0					FG	95	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

VALID LAB SAMPLES

Building: 701

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
CLGL	002	B	03	F2372C	012817	01/26/88	ND	0					FG	95	0
CLGL	003	B	01	F2373A	012817	01/26/88	ND	0					CE	75	0
CLGL	003	B	02	F2373B	012817	01/26/88	ND	0					CE	70	0
CLGL	003	B	03	F2373C	012817	01/26/88	ND	0					CE	70	0
FIHW	004	B	01	F2374A	012817	01/26/88	CH	45					FG	15	45
FIHW	004	B	02	F2374B	012817	01/26/88	*								
FIHW	004	B	03	F2374C	012817	01/26/88	*								
FIHW	005	B	01	F2375A	012817	01/26/88	ND	0					MW	80	0
FIHW	005	B	02	F2375B	012817	01/26/88	ND	0					MW	65	0
FIHW	005	B	03	F2375C	012817	01/26/88	ND	0					MW	60	0
PI	006	B	01	F2376A	012817	01/26/88	NV								
PI	006	B	02	F2376B	012817	01/26/88	NV								
PI	006	B	03	F2376C	012817	01/26/88	ND	0					CE	5	0
FLVCT	007	B	01	F2377A	012817	01/26/88	CH	TRA					CE	5	
FLVCT	007	B	02	F2377B	012817	01/26/88	CH	5					CE	TRA	5
FLVCT	007	B	03	F2377C	012817	01/26/88	*								
CLLI	008	B	01	F2378A	012817	01/26/88	ND	0					CE	65	0
CLLI	008	B	02	F2378B	012817	01/26/88	ND	0					CE	70	0
CLLI	008	B	03	100148	012817	01/28/88	ND	0					CE	70	0
PIHW	009	B	01	F2380A	012817	01/26/88	ND	0					FG	30	0
PIHW	009	B	02	F2380B	012817	01/26/88	ND	0					FG	40	0
PIHW	009	B	03	F2380C	012817	01/26/88	ND	0					FG	40	0
CLLI	010	B	01	F2381A	012817	01/26/88	ND	0					CE	70	0
CLLI	010	B	02	F2381B	012817	01/26/88	ND	0					CE	70	0
CLLI	010	B	03	F2381C	012817	01/26/88	ND	0					SN	70	0
FLVCT	011	B	01	F2382A	012817	01/26/88	ND	0					CE	TRA	0
FLVCT	011	B	02	F2382B	012817	01/26/88	ND	0					CE	TRA	0
FLVCT	011	B	03	F2382C	012817	01/25/88	ND	0					CE	TRA	0
WLSH	012	B	01	F2379A	012817	01/26/88	ND	0					CE	45	0
WLSH	012	B	02	F2379B	012817	01/26/88	ND	0					SN	10	0
WLSH	012	B	03	F2379C	012817	01/26/88	ND	0					CE	45	0
PIDHW	013	B	01	F2383A	012817	01/26/88	CH	TRA					CE	85	
PIDHW	013	B	02	F2383B	012817	01/26/88	CH	TRA					CE	90	
PIDHW	013	B	03	F2383C	012817	01/26/88	CH	TRA					CE	90	
PIDHW	014	B	01	F2384A	012817	01/26/88	CH	55							
PIDHW	014	B	02	F2384B	012817	01/26/88	*								
PIDHW	014	B	03	F2384C	012817	01/26/88	*								
PIHW	015	B	01	F2385A	012817	01/25/88	ND	0					CE	40	0
PIHW	015	B	02	F2385B	012817	01/25/88	ND	0					MW	40	0
PIHW	015	B	03	F2385C	012817	01/25/88	ND	0					MW	35	0

NOTE: TRA = Less than 1%
0 = Not Detectable
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NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 701

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	016 B	01		F2386A	012817	01/25/88	CH		TRA				CE	90	
PIHW	016 B	02		F2386B	012817	01/25/88	CH		TRA				CE	95	
PIHW	016 B	03		F2386C	012817	01/25/88	CH		5				CE	90	5
PIHW	017 B	01		F2387A	012817	01/25/88	CH		10				CE	80	10
PIHW	017 B	02		F2387B	012817	01/25/88	*								
PIHW	017 B	03		F2387C	012817	01/25/88	*								
FIHW	018 B	01		F2388A	012817	01/25/88	CH		70						70
FIHW	018 B	02		F2388B	012817	01/25/88	*								
FIHW	018 B	03		F2388C	012817	01/25/88	*								
PIHW	019 B	01		F2389A	012817	01/25/88	CH		TRA				CE	90	
PIHW	019 B	02		F2389B	012817	01/25/88	CH		TRA				CE	90	
PIHW	019 B	03		F2389C	012817	01/25/88	CH		TRA				CE	90	

Building: 702

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PI	001 B	01		F2336A	012817	01/25/88	CH		TRA				CE	95	
PI	001 B	02		F2336B	012817	01/25/88	CH		TRA				CE	90	
PI	001 B	03		F2336C	012817	01/25/88	CH		TRA				CE	95	
PI	002 B	01		F2337A	012817	01/25/88	CH		35				CE	35	35
PI	002 B	02		F2337B	012817	01/25/88	*								
PI	002 B	03		F2337C	012817	01/25/88	*								
FIT	003 B	01		F2338A	012817	01/25/88	CH		80				CE	TRA	80
FIT	003 B	02		F2338B	012817	01/25/88	*								
FIT	003 B	03		F2338C	012817	01/25/88	*								
FIT	004 B	01		F2339A	012817	01/25/88	CH		80				CE	TRA	80
FIT	004 B	02		F2339B	012817	01/25/88	*								
FIT	004 B	03		F2339C	012817	01/25/88	*								
PI	005 B	01		F2340A	012817	01/25/88	ND		0				FG	90	0
PI	005 B	02		F2340B	012817	01/25/88	ND		0				FG	100	0
PI	005 B	03		F2340C	012817	01/25/88	ND		0				FG	100	0
PI	006 B	01		F2341A	012817	01/25/88	ND		0				FG	95	0
PI	006 B	02		F2341B	012817	01/25/88	ND		0				FG	100	0
PI	006 B	03		F2341C	012817	01/25/88	ND		0				FG	100	0
PI	007 B	01		F2342A	012817	01/25/88	CH		15				CE	60	15
PI	007 B	02		F2342B	012817	01/25/88	*								
PI	007 B	03		F2342C	012817	01/25/88	*								
PI	008 B	01		F2343A	012817	01/25/88	CH		5				CE	90	5
PI	008 B	02		F2343B	012817	01/25/88	CH		60				CE	25	60

NOTE: TRA = Less than 1%
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TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 702

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PI	008	B 03		F2343C	012817	01/25/88	CH	TRA					CE	95	
FIT	009	B 01		F2344A	012817	01/25/88	CH	15					MW	75	15
FIT	009	B 02		F2344B	012817	01/25/88	*								
FIT	009	B 03		F2344C	012817	01/25/88	*								
FIT	010	B 01		F2345A	012817	01/25/88	CH	20					MW	70	20
FIT	010	B 02		F2345B	012817	01/25/88	*								
FIT	010	B 03		F2345C	012817	01/25/88	*								
FLVCT	011	B 01		F2346A	012817	01/26/88	ND	0					CE	TRA	0
FLVCT	011	B 02		F2346B	012817	01/26/88	ND	0					CE	TRA	0
FLVCT	011	B 03		F2346C	012817	01/26/88	NV	0							0
FLVCT	012	B 01		F2355A	012817	01/26/88	CH	5					CE	5	5
FLVCT	012	B 02		F2355B	012817	01/26/88	*								
FLVCT	012	B 03		F2355C	012817	01/26/88	*								
MTK	013	B 01		F2412A	012817	01/25/88	ND	0					MW	80	0
MTK	013	B 02		F2412B	012817	01/25/88	ND	0					MW	70	0
MTK	013	B 03		F2412C	012817	01/25/88	ND	0					MW	40	0
FISTM	014	B 01		F2413A	012817	01/25/88	CH	15					MW	65	15
FISTM	014	B 02		F2413B	012817	01/25/88	*								
FISTM	014	B 03		F2413C	012817	01/25/88	*								
PISTM	015	B 01		F2414A	012817	01/25/88	CH	15					CE	80	15
PISTM	015	B 02		F2414B	012817	01/25/88	*								
PISTM	015	B 03		F2414C	012817	01/25/88	*								

Building: 703

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
MBLR	001	B 01		F2367A	012817	01/27/88	ND	0					MW	50	0
MBLR	001	B 02		F2367B	012817	01/25/88	ND	0					MW	55	0
MBLR	001	B 03		F2367C	012817	01/25/88	ND	0					MW	50	0
FIHW	002	B 01		F2368A	012817	01/25/88	ND	0					MW	25	0
FIHW	002	B 02		F2368B	012817	01/25/88	ND	0					MW	20	0
FIHW	002	B 03		F2368C	012817	01/25/88	ND	0					MW	20	0
PIDCW	003	B 01		F2369A	012817	01/25/88	ND	0					SN	15	0
PIDCW	003	B 02		F2369B	012817	01/25/88	ND	0					SN	15	0
PIDCW	003	B 03		F2369C	012817	01/25/88	ND	0					SN	20	0
DEB	004	B 01		F2370	012817	01/25/88	ND	0					MW	20	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 704

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
CLSH	001	B	01	F2326A	011812	01/13/88	ND	0					CE	25	0
CLSH	001	B	02	F2326B	011812	01/13/88	ND	0					CE	65	0
CLSH	001	B	03	F2326C	011812	01/13/88	ND	0					CE	25	0
FLVCT	002	B	01	F2329A	012817	01/25/88	NV	0							0
FLVCT	002	B	02	F2329B	012817	01/25/88	ND	0					CE	TRA	0
FLVCT	002	B	03	F2329C	012817	01/25/88	NA	0							0
WLCT	003	B	01	F2327A	011812	01/13/88	ND	0					CE	30	0
WLCT	003	B	02	F2327B	011812	01/13/88	ND	0					CE	30	0
WLCT	003	B	03	F2327C	011812	01/13/88	ND	0					CE	60	0
CLPL	004	B	01	F2328A	012817	01/25/88	ND	0					CE	30	0
CLPL	004	B	02	F2328B	012817	01/25/88	ND	0					CE	10	0
CLPL	004	B	03	F2328C	012817	01/25/88	ND	0					CE	5	0
FLVCT	005	B	01	F2330A	012817	01/25/88	ND	0					CE	5	0
FLVCT	005	B	02	F2330B	012817	01/25/88	ND	0					CE	5	0
FLVCT	005	B	03	F2330C	012817	01/25/88	ND	0					CE	5	0
FIT	006	B	01	F2331A	012817	01/25/88	CH	40					MW	25	40
FIT	006	B	02	F2331B	012817	01/25/88	*								
FIT	006	B	03	F2331C	012817	01/25/88	*								
PISTM	007	B	01	F2332A	012817	01/25/88	CH	TRA					CE	95	
PISTM	007	B	02	F2332B	012817	01/25/88	CH	TRA					CE	90	
PISTM	007	B	03	F2332C	012817	01/25/88	CH	TRA					CE	90	
PI	008	B	01	F2333A	012817	01/25/88	CH	20					MW	35	20
PI	008	B	02	F2333B	012817	01/25/88	*								
PI	008	B	03	F2333C	012817	01/25/88	*								
DEB	009	B	01	F2334A	012817	01/25/88	ND	0					MW	1	0
DEB	009	B	02	F2334B	012817	01/25/88	CH	60							60
DEB	009	B	03	F2334C	012817	01/25/88	CH	TRA					MW	1	
CLLI	010	B	01	F2335A	012817	01/25/88	ND	0					MW	65	0
CLLI	010	B	02	F2335B	012817	01/25/88	ND	0					MW	75	0
CLLI	010	B	03	F2335C	012817	01/25/88	ND	0					MW	80	0

Building: 705

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PISTM	001	B	01	F5347A	012817	01/25/88	CH	35					CE	45	35
PISTM	001	B	02	F2347B	012817	01/25/88	*								
PISTM	001	B	03	F2347C	012817	01/25/88	*								
PISTM	002	B	01	F2348A	012817	01/26/88	AM	10	CH	45			CE	5	55
PISTM	002	B	02	F2348B	012817	01/26/88	*								

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers
AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile
AM - Amosite
FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 705

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FISTM	002 B	03		F2348C	012817	01/26/88	*								
CLLI	003 B	01		F2349A	012817	01/26/88	ND	0					CE	75	0
CLLI	003 B	02		F2349B	012817	01/26/88	ND	0					CE	70	0
CLLI	003 B	03		F2349C	012817	01/26/88	ND	0					CE	70	0
MEQIN	004 B	01		F2350A	012817	01/26/88	CH	35					MW	25	35
MEQIN	004 B	02		F2350B	012817	01/26/88	CH	10					MW	55	10
MEQIN	004 B	03		F2350C	012817	01/26/88	NA								
HFLEX	005 B	01		F2351A	012817	01/26/88	CH	60					CE	40	60
HFLEX	005 B	02		F2351B	012817	01/26/88	*								
HFLEX	005 B	03		F2351C	012817	01/26/88	*								
FISTM	006 B	01		F2352A	012817	01/26/88	CH	50					MW	15	50
FISTM	006 B	02		F2352B	012817	01/26/88	*								
FISTM	006 B	03		F2352C	012817	01/26/88	CH	65					CE	5	65
PISTM	008 B	01		F2353A	012817	01/26/88									
PISTM	008 B	02		F2353B	012817	01/26/88									
PISTM	008 B	03		F2353C	012817	01/26/88									
FISTM	009 B	01		F2354A	012817	01/26/88	CH	30					MW	30	30
FISTM	009 B	02		F2354B	012817	01/26/88	*								
FISTM	009 B	03		F2354C	012817	01/26/88	*								
PI	010 B	01		F2356A	012817	01/27/88	CH	30					MW	30	30
PI	010 B	02		F2356B	012817	01/27/88	*								
PI	010 B	03		F2356C	012817	01/27/88	ND	0					CE	95	0
CLSP	011 B	01		F2357A	012817	01/27/88	ND	0					MW	85	0
CLSP	011 B	02		F2357B	012817	01/27/88	ND	0					MW	85	0
CLSP	011 B	03		F2357C	012817	01/27/88	ND	0					MW	85	0
FIT	012 B	01		F2358A	012817	01/27/88	CH	10					MW	65	10
FIT	012 B	02		F2358B	012817	01/27/88	*								
FIT	012 B	03		F2358C	012817	01/27/88	*								

Building: 706

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PI	001 B	01		F5765A	022938	02/17/88	CH	5					CE	85	5
PI	001 B	02		F5765B	022938	02/17/88	*								
PI	001 B	03		F5765C	022938	02/17/88	*								
FIT	002 B	01		F5766A	022938	02/17/88	CH	60					CE	5	60
FIT	002 B	02		F5766B	022938	02/17/88	*								
FIT	002 B	03		F5766C	022938	02/17/88	*								
FLVCT	003 B	01		F5767A	022938	02/17/88	ND	0					CE	TRA	0

NOTE: TRA = Less than 1%
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AC - Actinolite
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CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

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CE - Cellulose
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SN - Synthetic

VALID LAB SAMPLES

Building: 706

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	003	B	02	F5767B	022938	02/17/88	ND	0					CE	TRA	0
FLVCT	003	B	03	F5767C	022938	02/17/88	ND	0					CE	TRA	0
FIHW	004	B	01	F5768A	022938	02/17/88	CH	55					MW	15	55
FIHW	004	B	02	F5768B	022938	02/17/88	*								
FIHW	004	B	03	F5768C	022938	02/17/88	*								
PIHW	005	B	01	F5769A	022938	02/17/88	CH	10					CE	80	10
PIHW	005	B	02	F5769B	022938	02/17/88	*								
PIHW	005	B	03	F5769C	022938	02/17/88	*								
PIHW	006	B	01	F2359A	012817	01/27/88	CH	TRA					CE	90	
PIHW	006	B	02	F2359B	012817	01/27/88	CH	15					CE	70	15
PIHW	006	B	03	F2359C	012817	01/27/88	CH	TRA					CE	90	
FIHW	007	B	01	F2360A	012817	01/27/88	CH	55					OT	25	55
FIHW	007	B	02	F2360B	012817	01/27/88	*								
FIHW	007	B	03	F2360C	012817	01/27/88	*								
MHX	008	B	01	F2361A	012817	01/27/88	CH	50					MW	20	50
MHX	008	B	02	F2361B	012817	01/27/88	*								
MHX	008	B	03	F2361C	012817	01/27/88	*								
DEB	009	B	01	F2362A	012817	01/27/88	CH	45					MW	35	45
DEB	009	B	02	F2362B	012817	01/27/88	*								
DEB	009	B	03	F2362C	012817	01/27/88	*								

Building: 707

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FIHW	001	B	01	F2390A	012817	01/25/88	CH	20					CE	50	20
FIHW	001	B	02	F2390B	012817	01/25/88	*								
FIHW	001	B	03	F2390C	012817	01/25/88	*								
PIHW	002	B	01	F2391A	012817	01/25/88	CH	TRA					CE	90	
PIHW	002	B	02	F2391B	012817	01/25/88	CH	TRA					CE	90	
PIHW	002	B	03	F2391C	012817	01/25/88	CH	5					CE	85	5
MBLR	003	B	01	F2392A	012817	01/25/88	ND	0					MW	50	0
MBLR	003	B	02	F2392B	012817	01/25/88	ND	0					MW	45	0
MBLR	003	B	03	F2392C	012817	01/25/88	ND	0					MW	30	0
DEB	004	B	01	F2393A	012817	01/25/88	ND	0					CE	15	0
DEB	004	B	02	F2393B	012817	01/25/88	ND	0					CE	TRA	0
DEB	004	B	03	F2393C	012817	01/25/88	ND	0					CE	TRA	0
FLVCT	005	B	01	F20938	060806	06/07/88	CH	5							5
FLVCT	005	B	02	F20939	060806	06/07/88	CH	5					CE	5	5
FLVCT	005	B	03	F20940	060806	06/07/88	CH	5					CE	5	5

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TR - Tremolite
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AM - Amosite

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CE - Cellulose
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MW - Mineral Wool
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V A L I D L A B S A M P L E S

Building: 707

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	006	B	01	F20941	060806	06/07/88	CH	5					CE	5	5
FLVCT	006	B	02	F20942	060806	06/07/88	CH	5					CE	5	5
FLVCT	006	B	03	F20943	060806	06/07/88	CH	5					CE	5	5
FLVCT	007	B	01	F20944	060806	06/07/88	ND	0					CE	5	0
FLVCT	007	B	02	F20945	060806	06/07/88	ND	0					CE	5	0
FLVCT	007	B	03	F20946	060806	06/07/88	CH	5					CE	5	5
FLVCT	008	B	01	F20947	060806	06/07/88	ND	0					CE	5	0
FLVCT	008	B	02	F20948	060806	06/07/88	ND	0					CE	5	0
FLVCT	008	B	03	F20949	060806	06/07/88	ND	0					CE	5	0
FLVCT	009	B	01	F20950	060806	06/07/88	ND	0					CE	5	0
FLVCT	009	B	02	F20951	060806	06/07/88	ND	0					CE	5	0
FLVCT	009	B	03	F20952	060806	06/07/88	ND	0					CE	5	0
FLVCT	010	B	01	F20953	060806	06/07/88	ND	0					CE	5	0
FLVCT	010	B	02	F20954	060806	06/07/88	CH	TRA					CE	5	
FLVCT	010	B	03	F20955	060806	06/07/88	CH	TRA					CE	5	
FLVCT	011	B	01	F20956	060806	06/07/88	ND	0					CE	5	0
FLVCT	011	B	02	F20957	060806	06/07/88	ND	0					CE	5	0
FLVCT	011	B	03	F20958	060806	06/07/88	ND	0					CE	5	0
FLVCT	012	B	01	F20959	060806	06/07/88	ND	0					CE	5	0
FLVCT	012	B	02	F20960	060806	06/07/88	ND	0					CE	5	0
FLVCT	012	B	03	F20961	060806	06/07/88	ND	0					CE	5	0
FLVCT	013	B	01	F20962	060806	06/07/88	CH	TRA					CE	5	
FLVCT	013	B	02	F20963	060806	06/07/88	ND	0					CE	5	0
FLVCT	013	B	03	F20964	060806	06/07/88	ND	0					CE	5	0
FLVCS	014	B	01	F20965	060806	06/07/88	ND	0					CE	30	0
FLVCS	014	B	02	F20966	060806	06/07/88	ND	0					CE	30	0
FLVCS	014	B	03	F20967	060806	06/07/88	ND	0					CE	30	0
CLLI	015	B	01	F20968	060806	06/07/88	ND	0					CE	40	0
FLVCT	016	B	01	F20969	060806	06/07/88	ND	0					CE	5	0

Building: 708

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
DEB	001	B	01	F2363A	012817	01/25/88	CH	TRA					CE	90	
DEB	001	B	02	F2363B	012817	01/25/88	CH	5					CE	85	5
DEB	001	B	03	F2363C	012817	01/25/88	*								
FLVCT	002	B	01	F2364A	012817	01/25/88	CH	TRA					CE	TRA	
FLVCT	002	B	02	F2364B	012817	01/25/88	CH	TRA					CE	TRA	
FLVCT	002	B	03	F2364C	012817	01/25/88	ND	0					CE	TRA	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 708

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	003 B	01		F2365A	012817	01/25/88	ND	0					CE	5	0
FLVCT	003 B	02		F2365B	012817	01/25/88	ND	0					CE	TRA	0
FLVCT	003 B	03		F2365C	012817	01/25/88	ND	0					CE	TRA	0
WLCT	004 B	01		F2366A	012817	01/25/88	ND	0					CE	15	0
WLCT	004 B	02		F2366B	012817	01/25/88	ND	0					CE	15	0
WLCT	004 B	03		F2366C	012817	01/25/88	ND	0					CE	15	0

Building: 710

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
CLTX	001 B	01		F5777A	022939	02/17/88	ND	0					MW	75	0
CLTX	001 B	02		F5777B	022939	02/17/88	ND	0					MW	70	0
CLTX	001 B	03		F5777C	022939	02/17/88	ND	0					MW	80	0
WLCT	002 B	01		F5778A	022939	02/17/88	ND	0					CE	25	0
WLCT	002 B	02		F5778B	022939	02/17/88	ND	0					CE	15	0
WLCT	002 B	03		F5778C	022939	02/17/88	ND	0					CE	15	0
FLVCT	003 B	01		F5779A	022939	02/17/88	ND	0					CE	5	0
FLVCT	003 B	02		F5779B	022939	02/17/88	ND	0					CE	TRA	0
FLVCT	003 B	03		F5779C	022939	02/17/88	ND	0					CE	5	0
PIHW	004 B	01		F5780A	022939	02/17/88	CH	15					CE	70	15
PIHW	004 B	02		F5780B	022939	02/17/88	*								
PIHW	004 B	03		F5780C	022939	02/17/88	*								
MEQIN	005 B	01		F5781A	022939	02/17/88	CH	60					FG	16	60
MEQIN	005 B	02		F5781B	022939	02/17/88	*								
MEQIN	005 B	03		F5781C	022939	02/17/88	*								
FIHW	006 B	01		F5839A	022943	02/25/88	CH	30					CE	30	30
FIHW	006 B	02		F5839B	022943	02/25/88	*								
FIHW	006 B	03		F5839C	022943	02/25/88	*								

Building: 711

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5770A	022938	02/17/88	ND	0					CE	TRA	0
FLVCT	001 B	02		F5770B	022938	02/17/88	ND	0					CE	TRA	0
FLVCT	001 B	03		F5770C	022938	02/17/88	ND	0					CE	TRA	0

NOTE:
TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

VALID LAB SAMPLES

Building: 714

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001	B	01	F5840A	022943	02/25/88	NV								
FLVCT	001	B	02	F5840B	022943	02/25/88	NV								
FLVCT	001	B	03	F5840C	022943	02/25/88	NV								
FLVCT	002	B	01	F5841A	022943	02/25/88	NV								
FLVCT	002	B	02	F5841B	022943	02/25/88	NV								
FLVCT	002	B	03	F5841C	022943	02/25/88	NV								

Building: 718

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001	B	01	F2394A	012817	01/25/88	CH	40					CE	55	40
PIHW	001	B	02	F2394B	012817	01/25/88	*								
PIHW	001	B	03	F2394C	012817	01/25/88	*								
MTK	002	B	01	F2395A	012817	01/25/88	CH	30					MW	15	30
MTK	002	B	02	F2395B	012817	01/25/88	*								
MTK	002	B	03	F2395C	012817	01/25/88	*								
MBLR	003	B	01	F2396A	012817	01/25/88	CH	45					MW	40	45
MBLR	003	B	02	F2396B	012817	01/25/88	*								
MBLR	003	B	03	F2396C	012817	01/25/88	*							40	
MBLR	004	B	01	F2397A	012817	01/25/88	CH	70					MW	15	70
MBLR	004	B	02	F2397B	012817	01/25/88	*								
MBLR	004	B	03	F2397C	012817	01/25/88	*								
MBLR	005	B	01	F2398A	012817	01/25/88	CH	80					MW	5	80
MBLR	005	B	02	F2398B	012817	01/25/88	*								
MBLR	005	B	03	F2398C	012817	01/25/88	*								
MBLR	006	B	01	F2399A	012817	01/25/88	ND	0					MW	85	0
MBLR	006	B	02	F2399B	012817	01/25/88	ND	0					MW	85	0
MBLR	006	B	03	F2399C	012817	01/25/88	ND	0					MW	85	0
FIHW	007	B	01	F2400A	012817	01/25/88	CH	75					MW	10	75
FIHW	007	B	02	F2400B	012817	01/25/88	*								
FIHW	007	B	03	F2400C	012817	01/25/88	*								
FIHW	008	B	01	F2401A	012817	01/25/88	CH	75					MW	10	75
FIHW	008	B	02	F2401B	012817	01/25/88	*								
FIHW	008	B	03	F2401C	012817	01/25/88	*								
FIHW	009	B	01	F2402A	012817	01/25/88	CH	80					MW	10	80
FIHW	009	B	02	F2402B	012817	01/25/88	*								
FIHW	009	B	03	F2402C	012817	01/25/88	*								
HDUCT	010	B	01	F2403A	012817	01/25/88	ND	0					MW	80	0
HDUCT	010	B	02	F2403B	012817	01/25/88	ND	0					MW	80	0

NOTE: TRA = Less than 1% AC - Actinolite AM - Amosite FG - Fiberglass
0 = Not Detectable AN - Anthophylite CE - Cellulose
NA = Not Applicable CR - Crocidolite OT - Other
ND = Not Detected TR - Tremolite MW - Mineral Wool
NV = No Visible Fibers CH - Chrysotile SN - Synthetic

V A L I D L A B S A M P L E S

Building: 718

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
HDUCT	010 B	03		F2403C	012817	01/25/88	ND	0					MW	80	0
HDUCT	011 B	01		F2404A	012817	01/25/88	ND	0					MW	80	0
HDUCT	011 B	02		F2404B	012817	01/25/88	ND	0					MW	80	0
HDUCT	011 B	03		F2404C	012817	01/25/88	ND	0					MW	75	0
HDUCT	012 B	01		F2405A	012817	01/25/88	ND	0					MW	80	0
HDUCT	012 B	02		F2405B	012817	01/25/88	ND	0					MW	70	0
HDUCT	012 B	03		F2405C	012817	01/25/88	ND	0					MW	70	0

Building: 722

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FISTM	001 B	01		F2406A	012817	01/25/88	CH	15					MW	65	15
FISTM	001 B	02		F2406B	012817	01/25/88	*								
FISTM	001 B	03		F2406C	012817	01/25/88	*								
PISTM	002 B	01		F2407A	012817	01/25/88	CH	20					CE	65	20
PISTM	002 B	02		F2407B	012817	01/25/88	CH	65							65
PISTM	002 B	03		F2407C	012817	01/25/88	*								
PIDHW	003 B	01		F2410A	012817	01/25/88	CH	TRA					CE	90	
PIDHW	003 B	02		F2410B	012817	01/25/88	CH	15					CE	75	15
PIDHW	003 B	03		F2410C	012817	01/25/88	*								
FIDHW	004 B	01		F2408A	012817	01/25/88	CH	20					MW	60	20
FIDHW	004 B	02		F2408B	012817	01/25/88	*								
FIDHW	004 B	03		F2408C	012817	01/25/88	*								
PISTM	005 B	01		F2411A	012817	01/25/88	CH	70					MW	15	70
PISTM	005 B	02		F2411B	012817	01/25/88	*								
PISTM	005 B	03		F2411C	012817	01/25/88	*								
FISTM	006 B	01		F2409A	012817	01/25/88	CH	40					MW	40	40
FISTM	006 B	02		F2409B	012817	01/25/88	*								
FISTM	006 B	03		F2409C	012817	01/25/88	*								

Building: 723

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		100010	032413	03/23/88	ND	0					CE	TRA	0
FLVCT	001 B	02		100012	032413	03/23/88	ND	0					CE	5	0
FLVCT	001 B	03		100011	032413	03/23/88	ND	0					CE	10	0
PISTM	002 B	01		100013	032413	03/23/88	CH	15					CE	65	15
PISTM	002 B	02		100014	032413	03/23/88	*								

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral wool
SN - Synthetic

VALID LAB SAMPLES

Building: 723

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PISTM	002	B	03	100015	032413	03/23/88	*								
FISTM	003	B	01	100016	032413	03/23/88	CH	5					MW	30	5
FISTM	003	B	02	100017	032413	03/23/88	*								
FISTM	003	B	03	100018	032413	03/23/88	*								
FLVCT	004	B	01	100019	032413	03/23/88	ND	0					CE	5	0
FLVCT	004	B	02	100020	032413	03/23/88	ND	0					CE	5	0
FLVCT	004	B	03	100021	032413	03/23/88	ND	0					CE	TRA	0

Building: 724

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FIHW	001	B	01	F5771A	022938	02/17/88	CH	10					CE	75	10
FIHW	001	B	02	F5771B	022938	02/17/88	*								
FIHW	001	B	03	F5771C	022938	02/17/88	*								
FIHW	002	B	01	F5772A	022938	02/17/88	CH	15					MW	40	15
FIHW	002	B	02	F5772B	022938	02/17/88	*								
FIHW	002	B	03	F5772C	022938	02/17/88	*								
PIHW	003	B	01	F5773A	022938	02/17/88	CH	30					CE	55	30
PIHW	003	B	02	F5773B	022938	02/17/88	*								
PIHW	003	B	03	F5773C	022938	02/17/88	*								
FLVCT	004	B	01	F5774A	022938	02/17/88	CH	5					CE	5	5
FLVCT	004	B	02	F5774B	022938	02/17/88	*								
FLVCT	004	B	03	F5774C	022938	02/17/88	*								

Building: 729

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PISTM	001	B	01	F5819A	022942	02/24/88	CH	30					CE	60	30
PISTM	001	B	02	F5819B	022942	02/24/88	*								
PISTM	001	B	03	F5819C	022942	02/24/88	*								
FICOND	002	B	01	F5820A	022942	02/24/88	CH	20					OT	60	20
FICOND	002	B	02	F5820B	022942	02/24/88	*								
FICOND	002	B	03	F5820C	022942	02/24/88	*								
PICOND	003	B	01	F5821A	022942	02/24/88	CH	60					CE	25	60
PICOND	003	B	02	F5821B	022942	02/24/88	*								
PICOND	003	B	03	F5821C	022942	02/24/88	*								
FISTM	004	B	01	F5822A	022942	02/24/88	CH	15					OT	65	15
FISTM	004	B	02	F5822B	022942	02/24/88	*								

NOTE: TRA = Less than 1% AC - Actinolite AM - Amosite FG - Fiberglass
0 = Not Detectable AN - Anthophylite CE - Cellulose
NA = Not Applicable CR - Crocidolite OT - Other
ND = Not Detected TR - Tremolite MW - Mineral Wool
NV = No Visible Fibers CH - Chrysotile SN - Synthetic

V A L I D L A B S A M P L E S

Building: 729

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FISTM	004	B	03	F5822C	022942	02/24/88	*								
FLVCT	005	B	01	F5823A	022942	02/24/88	ND	0					CE	TRA	0
FLVCT	005	B	02	F5823B	022942	02/24/88	ND	0					CE	TRA	0
FLVCT	005	B	03	F5823C	022942	02/24/88	ND	0					CE	5	0
PIDHW	006	B	01	F5824A	022944	02/24/88	CH	35					CE	55	35
PIDHW	006	B	02	F5824B	022944	02/24/88	*								
PIDHW	006	B	03	F5824C	022942	02/24/88	*								
FIDHW	007	B	01	F5825A	022942	02/24/88	CH	60					OT	25	60
FIDHW	007	B	02	F5825B	022942	02/24/88	*								
FIDHW	007	B	03	F5825C	022942	02/24/88	*								
FLVCT	008	B	01	F5826A	022942	02/24/88	NV								
FLVCT	008	B	02	F5826B	022942	02/24/88	NV								
FLVCT	008	B	03	F5826C	022942	02/24/88	NV								

Building: 732

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001	B	01	F5782A	022939	02/17/88	CH	45					CE	30	45
PIHW	001	B	02	F5782B	022939	02/17/88	*								
PIHW	001	B	03	F5782C	022939	02/17/88	*								
WLCT	002	B	01	F5783A	022939	02/17/88	ND	0					CE	95	0
WLCT	002	B	02	F5783B	022939	02/17/88	ND	0					CE	95	0
WLCT	002	B	03	F5783C	022939	02/17/88	ND	0					CE	95	0
WLCT	003	B	01	F5784A	022939	02/17/88	ND	0					CE	95	0
WLCT	003	B	02	F5784B	022939	02/17/88	ND	0					CE	95	0
WLCT	003	B	03	F5784C	022939	02/17/88	ND	0					CE	95	0

Building: 740

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001	B	01	F5842A	022943	02/25/88	NV								
FLVCT	001	B	02	F5842B	022943	02/25/88	CH	TRA							
FLVCT	001	B	03	F5842C	022943	02/25/88	CH	TRA							
WLCEM	002	B	01	F5843A	022943	02/25/88	CH	25							25
WLCEM	002	B	02	F5843B	022943	02/25/88	*								
WLCEM	002	B	03	F5843C	022943	02/25/88	*								

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 742

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5844A	022943	02/25/88	ND	0					CE	5	0
FLVCT	001 B	02		F5844B	022943	02/25/88	ND	0					CE	10	0
FLVCT	001 B	03		F5844C	022943	02/25/88	ND	0					CE	5	0
FLVCT	002 B	01		F5845A	022943	02/25/88	CH	10							10
FLVCT	002 B	02		F5845B	022943	02/25/88	*								
FLVCT	002 B	03		F5845C	022943	02/25/88	*								
FLVCT	003 B	01		F5846A	022943	02/25/88	CH	10							10
FLVCT	003 B	02		F5846B	022943	02/25/88	*								
FLVCT	003 B	03		F5846C	022943	02/25/88	*								

Building: 747

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FIHW	001 B	01		F5847A	022943	02/25/88	ND	0					CE	70	0
FIHW	001 B	02		F5847B	022943	02/25/88	ND	0					CE	70	0
FIHW	001 B	03		F5847C	022943	02/25/88	ND	0					CE	70	0
FLVCT	002 B	01		F5848A	022943	02/25/88	ND	0					CE	5	0
FLVCT	002 B	02		F5848B	022943	02/25/88	ND	0					CE	TRA	0
FLVCT	002 B	03		F5848C	022943	02/25/88	ND	0					CE	5	0

Building: 750

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5775A	022938	02/17/88	ND	0					CE	5	0
FLVCT	001 B	02		F5775B	022938	02/17/88	ND	0					CE	5	0
FLVCT	001 B	03		F5775C	022938	02/17/88	ND	0					CE	5	0

Building: 751

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5776A	022938	02/17/88	ND	0					CE	5	0
FLVCT	001 B	02		F5776B	022938	02/17/88	ND	0					CE	5	0
FLVCT	001 B	03		F5776C	022938	02/17/88	ND	0					CE	5	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 800

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5808A	022941	02/19/88	CH	5							5
FLVCT	001 B	02		F5808B	022941	02/19/88	*								
FLVCT	001 B	03		F5808C	022941	02/19/88	*								

Building: 802

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5790A	022940	02/17/88	NV								
FLVCT	001 B	02		F5790B	022940	02/17/88	NV								
FLVCT	001 B	03		F5790C	022940	02/17/88	NV								
FLVCT	002 B	01		F5791A	022940	02/17/88	CH	TRA					CE	TRA	
FLVCT	002 B	02		F5791B	022940	02/17/88	ND	0					CE	TRA	0
FLVCT	002 B	03		F5791C	022940	02/17/88	ND	0					CE	TRA	0
FLVCT	003 B	01		F5792A	022940	02/17/88	NV								
FLVCT	003 B	02		F5792B	022940	02/17/88	NV								
FLVCT	003 B	03		F5792C	022940	02/17/88	NV								
CLLI	004 B	01		F5793A	022940	02/17/88	ND	0					CE	90	0
CLLI	004 B	02		F5793B	022940	02/17/88	ND	0					CE	90	0
CLLI	004 B	03		F5793C	022940	02/17/88	ND	0					CE	90	0

Building: 804

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FIDHW	001 B	01		F5794A	022940	02/17/88	CH	5					CE	75	5
FIDHW	001 B	02		F5794B	022940	02/17/88	*								
FIDHW	001 B	03		F5794C	022940	02/17/88	*								
FIDHW	002 B	01		F5795A	022940	02/17/88	CH	40					CE	50	40
FIDHW	002 B	02		F5795B	022940	02/17/88	*								
FIDHW	002 B	03		F5795C	022940	02/17/88	*								
FLVCT	003 B	01		F5796A	022940	02/17/88	CH	TRA							
FLVCT	003 B	02		F5796B	022940	02/17/88	CH	5							5
FLVCT	003 B	03		F5796C	022940	02/17/88	*								
FLVCT	004 B	01		F5797A	022940	02/17/88	CH	TRA							
FLVCT	004 B	02		F5797B	022940	02/17/88	CH	TRA							
FLVCT	004 B	03		F5797C	022940	02/17/88	CH	TRA							
FIDHW	005 B	01		F5798A	022940	02/17/88	CH	50					CE	35	50
FIDHW	005 B	02		F5798B	022940	02/17/88	*								
FIDHW	005 B	03		F5798C	022940	02/17/88	*								

NOTE:
- TRA = Less than 1%
- 0 = Not Detectable
- NA = Not Applicable
- ND = Not Detected
- NV = No Visible Fibers
- AC - Actinolite
- AN - Anthophylite
- CR - Crocidolite
- TR - Tremolite
- CH - Chrysotile
- AM - Amosite
- FG - Fiberglass
- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

SENECA ARMY DEPOT

V A L I D L A B S A M P L E S

Building: 804

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIDHW	006 B	01		F5799A	022940	02/17/88	CH	20					CE	70	20
PIDHW	006 B	02		F5799B	022940	02/17/88	*								
PIDHW	006 B	03		F5799C	022940	02/17/88	*								

Building: 805

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FIT	001 B	01		F5800A	022940	02/17/88	ND	0					CE	90	0
FIT	001 B	02		F5800B	022940	02/17/88	ND	0					CE	90	0
FIT	001 B	03		F5800C	022940	02/17/88	ND	0					CE	90	0

Building: 806

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5801A	022940	02/17/88	CH	10							10
FLVCT	001 B	02		F5801B	022940	02/17/88	*								
FLVCT	001 B	03		F5801C	022940	02/17/88	*								
CLLI	002 B	01		F5802A	022940	02/17/88	ND	0					CE	90	0
CLLI	002 B	02		F5802B	022940	02/17/88	ND	0					CE	90	0
CLLI	002 B	03		F5802C	022940	02/17/88	ND	0					CE	90	0
FLVCT	003 B	01		F5803A	022940	02/17/88	CH	10							10
FLVCT	003 B	02		F5803B	022940	02/17/88	*								
FLVCT	003 B	03		F5803C	022940	02/17/88	*								

Building: 807

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5804A	022940	02/17/88	ND	0					CE	TRA	0
FLVCT	001 B	02		F5804B	022940	02/17/88	NV								
CLPL	002 B	01		F5805A	022940	02/17/88	ND	0					CE	15	0
CLPL	002 B	02		F5805B	022940	02/17/88	ND	0					CE	10	0
CLPL	002 B	03		F5805C	022940	02/17/88	ND	0					CE	50	0
FLVCT	003 B	01		F5806A	022940	02/17/88	ND	0					CE	TRA	0
FLVCT	003 B	02		F5806B	022940	02/17/88	CH	TRA					CE	TRA	
FLVCT	003 B	03		F5806C	022940	02/17/88	CH	TRA					CE	TRA	
CL	004 B	01		F5807A	022940	02/17/88	CH	40					CE	20	40
CL	004 B	02		F5807B	022940	02/17/88	*								

NOTE:
- TRA = Less than 1%
- 0 = Not Detectable
- NA = Not Applicable
- ND = Not Detected
- NV = No Visible Fibers

- AC - Actinolite
- AN - Anthophylite
- CR - Crocidolite
- TR - Tremolite
- CH - Chrysotile

- AM - Amosite

- FG - Fiberglass
- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

V A L I D L A B S A M P L E S

Building: 807

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
CL	004 B	03		F5807C	022940	02/17/88	*								

Building: 810

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001 B	01		F5785A	022939	02/17/88	CH	20					CE	60	20
PIHW	001 B	02		F5785B	022939	02/17/88	*								
PIHW	001 B	03		F5785C	022939	02/17/88	*								
PIHW	002 B	01		F5786A	022939	02/17/88	CH	10					CE	70	10
PIHW	002 B	02		F5786B	022939	02/17/88	*								
PIHW	002 B	03		F5786C	022939	02/17/88	*								
FIHW	003 B	01		F5787A	022939	02/17/88	CH	60					CE	20	60
FIHW	003 B	02		F5787B	022939	02/17/88	*								
FIHW	003 B	03		F5787C	022939	02/17/88	*								
FIHW	004 B	01		F5788A	022939	02/17/88	CH	65					MW	15	65
FIHW	004 B	02		F5788B	022939	02/17/88	*								
FIHW	004 B	03		F5788C	022939	02/17/88	*								
HFANH	005 B	01		F5789A	022939	02/17/88	ND	0					FG	100	0
HFANH	005 B	02		F5789B	022939	02/17/88	ND	0					FG	100	0
HFANH	005 B	03		F5789C	022939	02/17/88	ND	0					FG	95	0
FLVCT	006 B	01		F5849A	022943	02/25/88	CH	10							10
FLVCT	006 B	02		F5849B	022943	02/25/88	*								
FLVCT	006 B	03		F5849C	022943	02/25/88	*								

Building: 812

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
DEB	001 B	01		F5809A	022941	02/19/88	CH	50					CE	10	50
DEB	001 B	02		F5809B	022941	02/19/88	*								
DEB	001 B	03		F5809C	022941	02/19/88	*								
PISTM	002 B	01		F5810A	022941	02/19/88	CH	50					CE	20	50
PISTM	002 B	02		F5810B	022941	02/19/88	*								
PISTM	002 B	03		F5810C	022941	02/19/88	*								
HFLEX	003 B	01		F5811A	022941	02/19/88	ND	0					CE	100	0
HFLEX	003 B	02		F5811B	022941	02/19/88	ND	0					CE	100	0
HFLEX	003 B	03		F5811C	022941	02/19/88	ND	0					CE	100	0
DEB	004 B	01		F5812A	022941	02/19/88	CH	50					CE		50
DEB	004 B	02		F5812B	022941	02/19/88	*								

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 812

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
DEB	004 B	03		F5812C	022941	02/19/88	*								
PIDHW	005 B	01		F5813A	022941	02/19/88	CH	10					CE	80	10
PIDHW	005 B	02		F5813B	022941	02/19/88	*								
PIDHW	005 B	03		F5813C	022941	02/19/88	*								
FLVCT	006 B	01		F5814A	022941	02/19/88	CH	10							10
FLVCT	006 B	02		F5814B	022941	02/19/88	*								
FLVCT	006 B	03		F5814C	022941	02/19/88	*								
FLVCT	007 B	01		F5815A	022941	02/19/88	ND	0					CE	TRA	0
FLVCT	007 B	02		F5815B	022941	02/19/88	NV	0							0
FLVCT	007 B	03		F5815C	022941	02/19/88	NV	0							0
CLLI	008 B	01		F5816A	022941	02/19/88	ND	0					CE	90	0
CLLI	008 B	02		F5816B	022941	02/19/88	ND	0					CE	90	0
CLLI	008 B	03		F5816C	022941	02/19/88	ND	0					CE	90	0

Building: 814

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5850A	022943	02/25/88	CH	15							15
FLVCT	001 B	02		F5850B	022943	02/25/88	*								
FLVCT	001 B	03		F5850C	022943	02/25/88	*								

Building: 815

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F5827A	022942	02/24/88	CH	TRA							
FLVCT	001 B	02		F5827B	022942	02/24/88	CH	TRA							
FLVCT	001 B	03		F5827C	022942	02/24/88	CH	10							10
FLVCT	002 B	01		F5828A	022942	02/24/88	CH	10							10
FLVCT	002 B	02		F5828B	022942	02/24/88	*								
FLVCT	002 B	03		F5828C	022942	02/24/88	*								
PIDHW	003 B	01		F5829A	022942	02/24/88	CH	10					CE	80	10
PIDHW	003 B	02		F5829B	022942	02/24/88	*								
PIDHW	003 B	03		F5829C	022942	02/24/88	*								
FIDHW	004 B	01		F5830A	022942	02/24/88	CH	60					CE	20	60
FIDHW	004 B	02		F5830B	022942	02/24/88	*								
FIDHW	004 B	03		F5830C	022942	02/24/88	*								
PISTM	005 B	01		F5831A	022942	02/24/88	CH	40					CE	50	40
PISTM	005 B	02		F5831B	022942	02/24/88	*								

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

V A L I D L A B S A M P L E S

Building: 815

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PISTM	005 B	03		F5831C	022942	02/24/88	*								
FISTM	006 B	01		F5832A	022942	02/24/88	CH	60					CE	20	60
FISTM	006 B	02		F5832B	022942	02/24/88	*								
FISTM	006 B	03		F5832C	022942	02/24/88	*								

Building: 817

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
HDUTP	001 B	01		F5817A	022941	02/19/88	CH	60					CE	20	60
HDUTP	001 B	02		F5817B	022941	02/19/88	*								
HDUTP	001 B	03		F5817C	022941	02/19/88	CH	70					CE	10	70
HFLEX	002 B	01		F5818A	022941	02/19/88	CH	50					CE	40	50
HFLEX	002 B	02		F5818B	022941	02/19/88	*								
HFLEX	002 B	03		F5818C	022941	02/19/88	*								

Building: 819

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
PIHW	001 B	01		F5851A	022943	02/25/88	CH	30					CE	50	30
PIHW	001 B	02		F5851B	022943	02/25/88	*								
PIHW	001 B	03		F5851C	022943	02/25/88	*								
FIHW	002 B	01		F5852A	022943	02/25/88	CH	40					CE	40	40
FIHW	002 B	02		F5852B	022943	02/25/88	*								
FIHW	002 B	03		F5852C	022943	02/25/88	*								
PIHW	003 B	01		F5853A	022943	02/25/88	CH	30					CE	50	30
PIHW	003 B	02		F5853B	022943	02/25/88	*								
PIHW	003 B	03		F5853C	022943	02/25/88	*								
FIHW	004 B	01		F5854A	022943	02/25/88	CH	5					CE	80	5
FIHW	004 B	02		F5854B	022943	02/25/88	*								
FIHW	004 B	03		F5854C	022943	02/25/88	*								
FLVCT	005 B	01		F5855A	022943	02/25/88	CH	10							10
FLVCT	005 B	02		F5855B	022943	02/25/88	*								
FLVCT	005 B	03		F5855C	022943	02/25/88	*								

NOTE: TRA = Less than 1% AC - Actinolite AM - Amosite FG - Fiberglass
0 = Not Detectable AN - Anthophylite CE - Cellulose
NA = Not Applicable CR - Crocidolite OT - Other
ND = Not Detected TR - Tremolite MW - Mineral Wool
NV = No Visible Fibers CH - Chrysotile SN - Synthetic

V A L I D L A B S A M P L E S

Building: S142

SYSID	SITE	XREF	SPACE	LAB ID	BATCH	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
FLVCT	001 B	01		F1224A	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	001 B	02		F1224B	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	001 B	03		F1224C	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	002 B	01		F1225A	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	002 B	02		F1225B	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	002 B	03		F1225C	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	003 B	01		F1226A	011812	01/13/88	ND	0					CE	10	0
FLVCT	003 B	02		F1226B	011812	01/13/88	ND	0					CE	5	0
FLVCT	003 B	03		F1226C	011812	01/13/88	ND	0					CE	10	0
FLVCT	004 B	01		F1227A	011812	01/13/88	CH	TRA					CE	TRA	
FLVCT	004 B	02		F1227B	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	004 B	03		F1227C	011812	01/13/88	CH	TRA					CE	TRA	
FLVCS	005 B	01		F1228A	011812	01/13/88	ND	0					CE	TRA	0
FLVCS	005 B	02		F1228B	011812	01/13/88	ND	0					CE	5	0
FLVCS	005 B	03		F1228C	011812	01/13/88	ND	0					CE	5	0
FLVCT	006 B	01		F1229A	011812	01/13/88	CH	TRA					CE	1	
FLVCT	006 B	02		F1229B	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	006 B	03		F1229C	011812	01/13/88	CH	TRA					CE	1	
CLCT	007 B	01		F1230	011812	01/13/88	ND	0					CE	TRA	0
FLVCT	008 B	01		F1231A	011812	01/13/88	CH	5					CE	TRA	5
FLVCT	008 B	02		F1231B	011812	01/13/88	*								
FLVCT	008 B	03		F1231C	011812	01/13/88	*								
CLSP	009 B	01		F1232A	011812	01/13/88	ND	0					MW	85	0
CLSP	009 B	02		F1232B	011812	01/13/88	ND	0					MW	85	0
CLSP	009 B	03		F1232C	011812	01/13/88	ND	0					MW	85	0
ATIN	010 B	01		G10785	091212	09/08/88	ND	0					CE	90	0
ATIN	010 B	02		G10786	091212	09/08/88	ND	0					CE	90	0
ATIN	010 B	03		G10787	091212	09/08/88	ND	0					CE	90	0
WLSH	011 B	01		G10794	091212	09/08/88	ND	0					SN	15	0
WLSH	011 B	02		G10795	091212	09/08/88	ND	0					CE	5	0
WLSH	011 B	03		G10796	091212	09/08/88	ND	0					CE	50	0
CLSH	100 B	01		G21548	121633	12/16/88	CH	40					CE	15	40
WLSH	101 B	1		G21549	121633	12/16/88	ND	0					CE	35	0
CLSH	102 B	1		G21550	121633	12/16/88	ND	0					CE	15	0
WLSH	103 B	01		G21551	121633	12/16/88	ND	0					CE	25	0

NOTE: TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

APPENDIX C 2
LABORATORY RESULTS BY BATCH NUMBER

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 011812

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
101	PISTM	001B	01	F1240A	01/13/88	AM	40	CH	5					45
101	PISTM	001B	02	F1240B	01/13/88	*								
101	PISTM	001B	03	F1240C	01/13/88	*								
101	PISTM	002B	01	F1241A	01/13/88	CH	65							65
101	PISTM	002B	02	F1241B	01/13/88	*								
101	PISTM	002B	03	F1241C	01/13/88	*								
101	MBLR	003B	01	F1242A	01/13/88	CH	30					SN	60	30
101	MBLR	003B	02	F1242B	01/13/88	CH	TRA					SN	100	
101	MBLR	003B	03	F1242C	01/13/88	*								
101	HDUTP	004B	01	F1243A	01/13/88	CH	25							25
101	HDUTP	004B	02	F1243B	01/13/88	*								
101	HDUTP	004B	03	F1243C	01/13/88	*								
101	CLGL	005B	01	F1244A	01/13/88	ND	0					CE	100	0
101	CLGL	005B	02	F1244B	01/13/88	ND	0					CE	100	0
101	CLGL	005B	03	F1244C	01/13/88	ND	0					CE	90	0
101	FLVCT	006B	01	F1245A	01/13/88	ND	0					CE	25	0
101	FLVCT	006B	02	F1245B	01/13/88	ND	0					CE	5	0
101	FLVCT	006B	03	F1245C	01/13/88	CH	TRA					CE	5	
101	PISTM	007B	01	F1246A	01/13/88	CH	15					CE	60	15
101	PISTM	007B	02	F1246B	01/13/88	*								
101	PISTM	007B	03	F1246C	01/13/88	*								
101	CLLI	008B	01	F1247A	01/13/88	ND	0					CE	70	0
101	CLLI	008B	02	F1247B	01/13/88	ND	0					CE	75	0
101	CLLI	008B	03	F1247C	01/13/88	ND	0					CE	70	0
101	CL	009B	01	F1248A	01/13/88	CH	20					CE	70	20
101	CL	009B	02	F1248B	01/13/88	*								
101	CL	009B	03	F1248C	01/13/88	*								
103	CLPL	001B	01	F1249A	01/13/88	CH	TRA					CE	TRA	
103	CLPL	001B	02	F1249B	01/13/88	ND	0					CE	TRA	0
103	CLPL	001B	03	F1249C	01/13/88	NV								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE: TRA = Less than 1%; 0 = Not Detectable; NA = Not Applicable; ND = Not Detected; NV = No Visible Fibers

AC - Actinolite; AN - Anthophylite; CR - Crocidolite; TR - Tremolite; CH - Chrysotile

AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: MS TB SB — Approved by: S B

Date: 5-4-88 — Date: 12-22-88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 011812

BLDG	ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
103		FLVCT	002B	01		F1250A	01/13/88	ND	0					CE	11	0
103		FLVCT	002B	02		F1250B	01/13/88	ND	0					CE	10	0
103		FLVCT	002B	03		F1250C	01/13/88	ND	0					CE	1	0
103		ATIN	003B	01		F1251A	01/13/88	ND	0					FG	100	0
103		ATIN	003B	02		F1251B	01/13/88	ND	0					FG	100	0
103		ATIN	003B	03		F1251C	01/13/88	ND	0					FG	100	0
103		FLVCT	004B	01		F1252A	01/13/88	CH	TRA					MW	TRA	
103		FLVCT	004B	02		F1252B	01/13/88	CH	TRA					CE	1	
103		FLVCT	004B	03		F1252C	01/13/88	CH	TRA					CE	TRA	
103		MBRCH	005B	01		F1253A	01/13/88	ND	0					SN	15	0
103		MBRCH	005B	02		F1253B	01/13/88	ND	0					SN	15	0
103		MBRCH	005B	03		F1253C	01/13/88	ND	0					SN	15	0
103		PISTM	006B	01		F1254A	01/13/88	AM	50	CH	20					70
103		PISTM	006B	02		F1254B	01/13/88	*								
103		PISTM	006B	03		F1254C	01/13/88	*								
103		FISTM	007B	01		F1255A	01/13/88	CH	85							85
103		FISTM	007B	02		F1255B	01/13/88	*								
103		FISTM	007B	03		F1255C	01/13/88	*								
103		PI	008B	01		F1256A	01/13/88	CH	20					CE	70	20
103		PI	008B	02		F1256B	01/13/88	*								
103		PI	008B	03		F1256C	01/13/88	*								
103		FLVCT	009B	01		F1257A	01/13/88	CH	TRA					CE	1	
103		FLVCT	009B	02		F1257B	01/13/88	CH	TRA					CE	1	
103		FLVCT	009B	03		F1257C	01/13/88	CH	TRA					CE	1	
104		FLVCT	001B	01		F1258A	01/13/88	ND	0					SN	TRA	0
104		FLVCT	001B	02		F1258B	01/13/88	ND	0					SN	TRA	0
104		FLVCT	001B	03		F1258C	01/13/88	ND	0					SN	TRA	0
113		PIHW	001B	01		F1235A	01/13/88	AM	45	CH	10					55
113		PIHW	001B	02		F1235B	01/13/88	*								
113		PIHW	001B	03		F1235C	01/13/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 011812

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
113	FIHW	002B	01	F1236A	01/13/88	CH	70					CE	5	70
113	FIHW	002B	02	F1236B	01/13/88	*								
113	FIHW	002B	03	F1236C	01/13/88	*								
113	FLVCT	003B	01	F1237A	01/13/88	CH	TRA					CE	TRA	
113	FLVCT	003B	02	F1237B	01/13/88	CH	TRA							
113	FLVCT	003B	03	F1237C	01/13/88	CH	TRA							
113	FLVCT	004B	01	F1238A	01/13/88	CH	TRA					CE	TRA	
113	FLVCT	004B	02	F1238B	01/13/88	CH	TRA					CE	TRA	
113	FLVCT	004B	03	F1238C	01/13/88	CH	TRA					CE	1	
114	FLVCT	001B	01	F1239A	01/13/88	ND	0					CE	TRA	0
114	FLVCT	001B	02	F1239B	01/13/88	ND	0					CE	1	0
114	FLVCT	001B	03	F1239C	01/13/88	ND	0					CE	TRA	0
115	PI	001B	01	F1202A	01/13/88	CH	10					CE	80	10
115	PI	001B	02	F1202B	01/13/88	*								
115	PI	001B	03	F1202C	01/13/88	*								
115	PI	002B	01	F1203A	01/13/88	ND	0					FG	95	0
115	PI	002B	02	F1203B	01/13/88	ND	0					FG	100	0
115	PI	002B	03	F1203C	01/13/88	ND	0					FG	90	0
115	FIT	003B	01	F1204A	01/13/88	ND	0					FG	100	0
115	FIT	003B	02	F1204B	01/13/88	ND	0					FG	100	0
115	FIT	003B	03	F1204C	01/13/88	ND	0					FG	100	0
115	PI	004B	01	F1205A	01/13/88	CH	5					CE	85	5
115	PI	004B	02	F1205B	01/13/88	*								
115	PI	004B	03	F1205C	01/13/88	*								
117	FISTM	001B	01	F1210A	01/13/88	AM	25	CH	10					35
117	FISTM	001B	02	F1210B	01/13/88	*								
117	FISTM	001B	03	F1210C	01/13/88	*								
117	FLVCT	002B	01	F1211A	01/13/88	ND	0					CE	TRA	0
117	FLVCT	002B	02	F1211B	01/13/88	ND	0					CE	TRA	0
117	FLVCT	002B	03	F1211C	01/13/88	ND	0					CE	TRA	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: DHS, TB, SB — Approved by: S. Shack

Date: 5/1-8J — Date: 12 DEC 88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 011812

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
117	FLVCT	003B	01	F1212A	01/13/88	CH	5							5
117	FLVCT	003B	02	F1212B	01/13/88	*								
117	FLVCT	003B	03	F1212C	01/13/88	*								
119	FLVCT	001B	01	F1209A	01/13/88	ND	0					CE	TRA	0
119	FLVCT	001B	02	F1209B	01/13/88	ND	0					CE	TRA	0
119	FLVCT	001B	03	F1209C	01/13/88	ND	0					CE	TRA	0
121	MBRCH	001B	01	F1194A	01/13/88	AM	TRA	CH	75					75
121	MBRCH	001B	02	F1194B	01/13/88	AM	35							35
121	MBRCH	001B	03	F1194C	01/13/88	AM	20	CH	35			MW	10	55
121	MBRCH	002B	01	F1195A	01/13/88	CH	30					MW	60	30
121	MBRCH	002B	02	F1195B	01/13/88	AM	40	CH	5			MW	5	45
121	MBRCH	002B	03	F1195C	01/13/88	CH	TRA					MW	60	
121	FISTM	003B	01	F1196A	02/19/88	AM	30	CH	25					55
121	FISTM	003B	02	F1196B	02/19/88	CH	60							60
121	FISTM	003B	03	F1196C	02/19/88	*								
121	PI	004B	01	F1197A	02/19/88	AM	50	CH	5			CE	TRA	55
121	PI	004B	02	F1197B	02/19/88	CH	80							80
121	PI	004B	03	F1197C	02/19/88	CH	65							65
121	FIT	005B	01	F1198A	01/13/88	CH	75					CE	TRA	75
121	FIT	005B	02	F1198B	01/13/88	*								
121	FIT	005B	03	F1198C	01/13/88	*								
121	PISTM	006B	01	F1199A	01/13/88	AM	30	CH	20			CE	5	50
121	PISTM	006B	02	F1199B	01/13/88	*								
121	PISTM	006B	03	F1199C	01/13/88	*								
121	MBLR	007B	01	F1200A	01/13/88	CH	85							85
121	MBLR	007B	02	F1200B	01/13/88	*								
121	MBLR	007B	03	F1200C	01/13/88	*								
121	MBRCH	008B	01	F1201A	01/13/88	ND	0					MW	100	0
121	MBRCH	008B	02	F1201B	01/13/88	ND	0					MW	100	0
121	MBRCH	008B	03	F1201C	01/13/88	ND	0					MW	100	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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Analyzed by: NYS TB 513 — Approved by: S Brightwell

Date: 5-6-88 — Date: 12 DEC 88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 011812

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
122	FLVCT	001B	01	F1206A	01/13/88	CH	25					CE	TRA	25
122	FLVCT	001B	02	F1206B	01/13/88	*								
122	FLVCT	001B	03	F1206C	01/13/88	*								
122	FLVCT	002B	01	F1207A	01/13/88	ND	0					CE	TRA	0
122	FLVCT	002B	02	F1207B	01/13/88	ND	0					CE	1	0
122	FLVCT	002B	03	F1207C	01/13/88	ND	0					CE	TRA	0
122	FISTM	003B	01	F1208A	02/17/88	ND	0					CE	65	0
122	FISTM	003B	02	F1208B	01/13/88	ND	0					MW	50	0
122	FISTM	003B	03	F1208C	01/13/88	ND	0					MW	50	0
123	FLVCT	001B	01	F1222A	01/13/88	ND	0					CE	TRA	0
123	FLVCT	001B	02	F1222B	01/13/88	ND	0					CE	TRA	0
123	FLVCT	001B	03	F1222C	01/13/88	ND	0					CE	TRA	0
123	CLLI	002B	01	F1223A	01/13/88	ND	0					MW	80	0
123	CLLI	002B	02	F1223B	01/13/88	ND	0					MW	80	0
123	CLLI	002B	03	F1223C	01/13/88	ND	0					MW	80	0
124	CL	001B	01	F1221A	01/13/88	CH	40							40
124	CL	001B	02	F1221B	01/13/88	*								
124	CL	001B	03	F1221C	01/13/88	*								
125	FLVCT	001B	01	F1218A	01/13/88	ND	0					CE	TRA	0
125	FLVCT	001B	02	F1218B	01/13/88	ND	0					CE	TRA	0
125	FLVCT	001B	03	F1218C	01/13/88	ND	0					CE	TRA	0
125	CLLI	002B	01	F1219A	01/13/88	ND	0					CE	80	0
125	CLLI	002B	02	F1219B	01/13/88	ND	0					CE	75	0
125	CLLI	002B	03	F1219C	01/13/88	ND	0					CE	75	0
125	FLVCS	003B	01	F1220A	01/13/88	CH	40					CE	10	40
125	FLVCS	003B	02	F1220B	01/13/88	*								
125	FLVCS	003B	03	F1220C	01/13/88	*								
126	FLVCT	001B	01	F1233A	01/13/88	NV								
126	FLVCT	001B	02	F1233B	01/13/88	ND	0					CE	TRA	0
126	FLVCT	001B	03	F1233C	01/13/88	ND	0					CE	TRA	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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FG - Fiberglass | CE - Cellulose | OT - Other | MW - Mineral Wool | SN - Synthetic

Analyzed by: DTS, TB, SB — Approved by: S. BOGUSLAW

Date: 5-4-88 — Date: 12-20-88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 011812

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
126	FLVCT	002B	01	F1234A	01/13/88	CH	TRA					CE	TRA	
126	FLVCT	002B	02	F1234B	01/13/88	CH	TRA					CE	1	
126	FLVCT	002B	03	F1234C	01/13/88	CH	TRA					CE	TRA	
127	PIHW	001B	01	F1213A	01/13/88	AM	10	CH	25					35
127	PIHW	001B	02	F1213B	01/13/88	*								
127	PIHW	001B	03	F1213C	01/13/88	*								
127	FIHW	002B	01	F1214A	01/13/88	AM	45	CH	25					70
127	FIHW	002B	02	F1214B	01/13/88	*								
127	FIHW	002B	03	F1214C	01/13/88	*								
127	PI	003B	01	F1215A	01/13/88	CH	70							70
127	PI	003B	02	F1215B	01/13/88	*								
127	PI	003B	03	F1215C	01/13/88	*								
127	ATIN	004B	01	F1216A	01/13/88	ND	0					CE	100	0
127	ATIN	004B	02	F1216B	01/13/88	ND	0					CE	100	0
127	ATIN	004B	03	F1216C	01/13/88	ND	0					CE	100	0
127	FI	005B	01	F1217A	01/13/88	AM	25	CH	25					50
127	FI	005B	02	F1217B	01/13/88	*								
127	FI	005B	03	F1217C	01/13/88	*								
704	CLSH	001B	01	F2326A	01/13/88	ND	0					CE	25	0
704	CLSH	001B	02	F2326B	01/13/88	ND	0					CE	65	0
704	CLSH	001B	03	F2326C	01/13/88	ND	0					CE	25	0
704	WLCT	003B	01	F2327A	01/13/88	ND	0					CE	30	0
704	WLCT	003B	02	F2327B	01/13/88	ND	0					CE	30	0
704	WLCT	003B	03	F2327C	01/13/88	ND	0					CE	60	0
S142	FLVCT	001B	01	F1224A	01/13/88	ND	0					CE	TRA	0
S142	FLVCT	001B	02	F1224B	01/13/88	ND	0					CE	TRA	0
S142	FLVCT	001B	03	F1224C	01/13/88	ND	0					CE	TRA	0
S142	FLVCT	002B	01	F1225A	01/13/88	ND	0					CE	TRA	0
S142	FLVCT	002B	02	F1225B	01/13/88	ND	0					CE	TRA	0
S142	FLVCT	002B	03	F1225C	01/13/88	ND	0					CE	TRA	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

Analyzed by: MS, TB, SB — Approved by: S.B. [illegible]

Date: 5-4-88 — Date: 12 MC 88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 011812

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
S142	FLVCT	003B	01	F1226A	01/13/88	ND	0			CE	10	0		
S142	FLVCT	003B	02	F1226B	01/13/88	ND	0			CE	5	0		
S142	FLVCT	003B	03	F1226C	01/13/88	ND	0			CE	10	0		
S142	FLVCT	004B	01	F1227A	01/13/88	CH	TRA			CE	TRA			
S142	FLVCT	004B	02	F1227B	01/13/88	ND	0			CE	TRA	0		
S142	FLVCT	004B	03	F1227C	01/13/88	CH	TRA			CE	TRA			
S142	FLVCS	005B	01	F1228A	01/13/88	ND	0			CE	TRA	0		
S142	FLVCS	005B	02	F1228B	01/13/88	ND	0			CE	5	0		
S142	FLVCS	005B	03	F1228C	01/13/88	ND	0			CE	5	0		
S142	FLVCT	006B	01	F1229A	01/13/88	CH	TRA			CE	1			
S142	FLVCT	006B	02	F1229B	01/13/88	ND	0			CE	TRA	0		
S142	FLVCT	006B	03	F1229C	01/13/88	CH	TRA			CE	1			
S142	CLCT	007B	01	F1230	01/13/88	ND	0			CE	TRA	0		
S142	FLVCT	008B	01	F1231A	01/13/88	CH	5			CE	TRA	5		—
S142	FLVCT	008B	02	F1231B	01/13/88	*								
S142	FLVCT	008B	03	F1231C	01/13/88	*								
S142	CLSP	009B	01	F1232A	01/13/88	ND	0			MW	85	0		
S142	CLSP	009B	02	F1232B	01/13/88	ND	0			MW	85	0		
S142	CLSP	009B	03	F1232C	01/13/88	ND	0			MW	85	0		

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples.
(EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

Analyzed by: [illegible]
Date: [illegible]

Approved by: [illegible]
Date: [illegible]

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012217

BLDG ID	SYSID	SITE	xREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
106	MBRCH	001B	01		F1779A	01/19/88	ND	0					MW	35	0
106	MBRCH	001B	02		F1779B	01/19/88	ND	0					MW	35	0
106	MBRCH	001B	03		F1779C	01/19/88	ND	0					MW	35	0
106	HFANH	002B	01		F1780A	01/19/88	ND	0					SN	80	0
106	HFANH	002B	02		F1780B	01/19/88	ND	0					SN	80	0
106	HFANH	002B	03		F1780C	01/19/88	ND	0					SN	80	0
106	FLVCS	003B	01		F1781A	01/19/88	CH	35							35
106	FLVCS	003B	02		F1781B	01/19/88	*								
106	FLVCS	003B	03		F1781C	01/19/88	*								
106	FLVCS	004B	01		F1782A	01/19/88	ND	0					SN	10	0
106	FLVCS	004B	02		F1782B	01/19/88	ND	0					SN	15	0
106	FLVCS	004B	03		F1782C	01/19/88	ND	0					SN	15	0
319	MTK	001B	01		F1790A	01/20/88	ND	0					MW	30	0
319	MTK	001B	02		F1790B	01/20/88	ND	0					MW	30	0
319	MTK	001B	03		F1790C	01/20/88	ND	0					MW	30	0
319	FISTM	002B	01		F1791A	01/20/88	ND	0					SN	25	0
319	FISTM	002B	02		F1791B	01/20/88	ND	0					SN	20	0
319	FISTM	002B	03		F1791C	01/20/88	ND	0					SN	20	0
319	PISTM	003B	01		F1792A	01/20/88	ND	0					SN	20	0
319	PISTM	003B	02		F1792B	01/20/88	ND	0					SN	10	0
319	PISTM	003B	03		F1792C	01/20/88	ND	0					SN	15	0
319	PI	004B	01		F1793A	01/20/88	ND	0					SN	15	0
319	PI	004B	02		F1793B	01/20/88	ND	0					CE	15	0
319	PI	004B	03		F1793C	01/20/88	ND	0					CE	15	0
319	FIT	005B	01		F1794A	01/20/88	ND	0					CE	20	0
319	FIT	005B	02		F1794B	01/20/88	ND	0					CE	5	0
319	FIT	005B	03		F1794C	01/20/88	ND	0					CE	5	0
319	MBRCH	006B	01		F1795A	01/20/88	CH	35					MW	60	35
319	MBRCH	006B	02		F1795B	01/20/88	CH	70					MW	10	70
319	MBRCH	006B	03		F1795C	01/20/88	CH	20					MW	70	20

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE:
TRA = Less than 1%
0 = Not Detectable
NA = Not Applicable
ND = Not Detected
NV = No Visible Fibers

AC - Actinolite
AN - Anthophylite
CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

Analyzed by: MS, TD, SR
Date: 5-4-88

Approved by: S Brown
Date: 5/4/88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012217

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
319	PISTM	007B	01		F1796A	01/20/88	ND	0					SN	20	0
319	PISTM	007B	02		F1796B	01/20/88	ND	0					SN	20	0
319	PISTM	007B	03		F1796C	01/20/88	ND	0					SN	15	0
319	PI	008B	01		F1797A	01/20/88	ND	0					MW	20	0
319	PI	008B	02		F1797B	01/20/88	ND	0					MW	25	0
319	PI	008B	03		F1797C	01/20/88	ND	0					MW	30	0
319	FISTM	009B	01		F1798A	01/20/88	ND	0					CE	30	0
319	FISTM	009B	02		F1798B	01/20/88	ND	0					MW	25	0
319	FISTM	009B	03		F1798C	01/20/88	ND	0					MW	25	0
319	PI	010B	01		F1799A	01/20/88	ND	0					MW	30	0
319	PI	010B	02		F1799B	01/20/88	ND	0					MW	35	0
319	PI	010B	03		F1799C	01/20/88	ND	0					MW	35	0
319	FLVCT	011B	01		F1800A	01/20/88	ND	0					CE	TRA	0
319	FLVCT	011B	02		F1800B	01/20/88	*								
319	FLVCT	011B	03		F1800C	01/20/88	ND	0					CE	TRA	0
320	FLVCT	001B	01		F1783A	01/19/88	ND	0					CE	TRA	0
320	FLVCT	001B	02		F1783B	01/19/88	ND	0					CE	TRA	0
320	FLVCT	001B	03		F1783C	01/19/88	ND	0					CE	TRA	0
320	PISTM	002B	01		F1784A	01/19/88	ND	0					CE	95	0
320	PISTM	002B	02		F1784B	01/19/88	CH	TRA					CE	95	
320	PISTM	002B	03		F1784C	01/19/88	ND	0					CE	95	0
323	PIHW	005B	01		F1789A	01/19/88	ND	0					CE	95	0
323	PIHW	005B	02		F1789B	01/19/88	ND	0					CE	95	0
323	PIHW	005B	03		F1789C	01/19/88	ND	0					CE	95	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE: TRA = Less than 1%; 0 = Not Detectable; NA = Not Applicable; ND = Not Detected; NV = No Visible Fibers

AC - Actinolite; AN - Anthophylite; CR - Crocidolite; TR - Tremolite; CH - Chrysotile

AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: DIS, TB, SB — Approved by: S Bickham

Date: 5-6-88 — Date: 12 DEC 88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012817

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
701	FIHW	001B	01		F2371A	01/26/88	CH	35					FG	45	35
701	FIHW	001B	02		F2371B	01/26/88	*								
701	FIHW	001B	03		F2371C	01/26/88	*								
701	CLGL	002B	01		F2372A	01/26/88	ND	0					FG	90	0
701	CLGL	002B	02		F2372B	01/26/88	ND	0					FG	95	0
701	CLGL	002B	03		F2372C	01/26/88	ND	0					FG	95	0
701	CLGL	003B	01		F2373A	01/26/88	ND	0					CE	75	0
701	CLGL	003B	02		F2373B	01/26/88	ND	0					CE	70	0
701	CLGL	003B	03		F2373C	01/26/88	ND	0					CE	70	0
701	FIHW	004B	01		F2374A	01/26/88	CH	45					FG	15	45
701	FIHW	004B	02		F2374B	01/26/88	*								
701	FIHW	004B	03		F2374C	01/26/88	*								
701	FIHW	005B	01		F2375A	01/26/88	ND	0					MW	80	0
701	FIHW	005B	02		F2375B	01/26/88	ND	0					MW	65	0
701	FIHW	005B	03		F2375C	01/26/88	ND	0					MW	60	0
701	PI	006B	01		F2376A	01/26/88	NV								
701	PI	006B	02		F2376B	01/26/88	NV								
701	PI	006B	03		F2376C	01/26/88	ND	0					CE	5	0
701	FLVCT	007B	01		F2377A	01/26/88	CH	TRA					CE	5	
701	FLVCT	007B	02		F2377B	01/26/88	CH	5					CE	TRA	5
701	FLVCT	007B	03		F2377C	01/26/88	*								
701	CLLI	008B	01		F2378A	01/26/88	ND	0					CE	65	0
701	CLLI	008B	02		F2378B	01/26/88	ND	0					CE	70	0
701	CLLI	008B	03		100148	01/28/88	ND	0					CE	70	0
701	PIHW	009B	01		F2380A	01/26/88	ND	0					FG	30	0
701	PIHW	009B	02		F2380B	01/26/88	ND	0					FG	40	0
701	PIHW	009B	03		F2380C	01/26/88	ND	0					FG	40	0
701	CLLI	010B	01		F2381A	01/26/88	ND	0					CE	70	0
701	CLLI	010B	02		F2381B	01/26/88	ND	0					CE	70	0
701	CLLI	010B	03		F2381C	01/26/88	ND	0					SN	70	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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- CR - Crocidolite
- TR - Tremolite
- CH - Chrysotile

- AM - Amosite

- FG - Fiberglass
- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

Analyzed by: [illegible] Approved by: [illegible]

Date: 5-4-88 Date: 5-4-88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012817

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
701	FLVCT	011B	01	F2382A	01/26/88	ND	0					CE	TRA	0
701	FLVCT	011B	02	F2382B	01/26/88	ND	0					CE	TRA	0
701	FLVCT	011B	03	F2382C	01/25/88	ND	0					CE	TRA	0
701	WLSH	012B	01	F2379A	01/26/88	ND	0					CE	45	0
701	WLSH	012B	02	F2379B	01/26/88	ND	0					SN	10	0
701	WLSH	012B	03	F2379C	01/26/88	ND	0					CE	45	0
701	PIDHW	013B	01	F2383A	01/26/88	CH	TRA					CE	85	
701	PIDHW	013B	02	F2383B	01/26/88	CH	TRA					CE	90	
701	PIDHW	013B	03	F2383C	01/26/88	CH	TRA					CE	90	
701	PIDHW	014B	01	F2384A	01/26/88	CH	55							55
701	PIDHW	014B	02	F2384B	01/26/88	*								
701	PIDHW	014B	03	F2384C	01/26/88	*								
701	PIHW	015B	01	F2385A	01/25/88	ND	0					CE	40	0
701	PIHW	015B	02	F2385B	01/25/88	ND	0					MW	40	0
701	PIHW	015B	03	F2385C	01/25/88	ND	0					MW	35	0
701	PIHW	016B	01	F2386A	01/25/88	CH	TRA					CE	90	
701	PIHW	016B	02	F2386B	01/25/88	CH	TRA					CE	95	
701	PIHW	016B	03	F2386C	01/25/88	CH	5					CE	90	5
701	PIHW	017B	01	F2387A	01/25/88	CH	10					CE	80	10
701	PIHW	017B	02	F2387B	01/25/88	*								
701	PIHW	017B	03	F2387C	01/25/88	*								
701	PIHW	018B	01	F2388A	01/25/88	CH	70							70
701	PIHW	018B	02	F2388B	01/25/88	*								
701	PIHW	018B	03	F2388C	01/25/88	*								
701	PIHW	019B	01	F2389A	01/25/88	CH	TRA					CE	90	
701	PIHW	019B	02	F2389B	01/25/88	CH	TRA					CE	90	
701	PIHW	019B	03	F2389C	01/25/88	CH	TRA					CE	90	
702	PI	001B	01	F2336A	01/25/88	CH	TRA					CE	95	
702	PI	001B	02	F2336B	01/25/88	CH	TRA					CE	90	
702	PI	001B	03	F2336C	01/25/88	CH	TRA					CE	95	

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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Analyzed by: DS, TB, SB — Approved by: S. K[illegible]

Date: 5-4-88 — Date: 12-20-88

Galson Technical Services — SENECA ARMY DEPOT
Project: 43002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012817

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
702	PI	002B	01	F2337A	01/25/88	CH	35					CE	35	35
702	PI	002B	02	F2337B	01/25/88	*								
702	PI	002B	03	F2337C	01/25/88	*								
702	FIT	003B	01	F2338A	01/25/88	CH	80					CE	TRA	80
702	FIT	003B	02	F2338B	01/25/88	*								
702	FIT	003B	03	F2338C	01/25/88	*								
702	FIT	004B	01	F2339A	01/25/88	CH	80					CE	TRA	80
702	FIT	004B	02	F2339B	01/25/88	*								
702	FIT	004B	03	F2339C	01/25/88	*								
702	PI	005B	01	F2340A	01/25/88	ND	0					FG	90	0
702	PI	005B	02	F2340B	01/25/88	ND	0					FG	100	0
702	PI	005B	03	F2340C	01/25/88	ND	0					FG	100	0
702	PI	006B	01	F2341A	01/25/88	ND	0					FG	95	0
702	PI	006B	02	F2341B	01/25/88	ND	0					FG	100	0
702	PI	006B	03	F2341C	01/25/88	ND	0					FG	100	0
702	PI	007B	01	F2342A	01/25/88	CH	15					CE	60	15
702	PI	007B	02	F2342B	01/25/88	*								
702	PI	007B	03	F2342C	01/25/88	*								
702	PI	008B	01	F2343A	01/25/88	CH	5					CE	90	5
702	PI	008B	02	F2343B	01/25/88	CH	60					CE	25	60
702	PI	008B	03	F2343C	01/25/88	CH	TRA					CE	95	
702	FIT	009B	01	F2344A	01/25/88	CH	15					MW	75	15
702	FIT	009B	02	F2344B	01/25/88	*								
702	FIT	009B	03	F2344C	01/25/88	*								
702	FIT	010B	01	F2345A	01/25/88	CH	20					MW	70	20
702	FIT	010B	02	F2345B	01/25/88	*								
702	FIT	010B	03	F2345C	01/25/88	*								
702	FLVCT	011B	01	F2346A	01/26/88	ND	0					CE	TRA	0
702	FLVCT	011B	02	F2346B	01/26/88	ND	0					CE	TRA	0
702	FLVCT	011B	03	F2346C	01/26/88	NV	0							0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services
Project: A8002

SENECA ARMY DEPOT

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012817

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
702	FLVCT	012B	01	F2355A	01/26/88	CH	5					CE	5	5
702	FLVCT	012B	02	F2355B	01/26/88	*								
702	FLVCT	012B	03	F2355C	01/26/88	*								
702	MTK	013B	01	F2412A	01/25/88	ND	0					MW	80	0
702	MTK	013B	02	F2412B	01/25/88	ND	0					MW	70	0
702	MTK	013B	03	F2412C	01/25/88	ND	0					MW	40	0
702	FISTM	014B	01	F2413A	01/25/88	CH	15					MW	65	15
702	FISTM	014B	02	F2413B	01/25/88	*								
702	FISTM	014B	03	F2413C	01/25/88	*								
702	PISTM	015B	01	F2414A	01/25/88	CH	15					CE	80	15
702	PISTM	015B	02	F2414B	01/25/88	*								
702	PISTM	015B	03	F2414C	01/25/88	*								
703	MBLR	001B	01	F2367A	01/27/88	ND	0					MW	50	0
703	MBLR	001B	02	F2367B	01/25/88	ND	0					MW	55	0
703	MBLR	001B	03	F2367C	01/25/88	ND	0					MW	50	0
703	FIHW	002B	01	F2368A	01/25/88	ND	0					MW	25	0
703	FIHW	002B	02	F2368B	01/25/88	ND	0					MW	20	0
703	FIHW	002B	03	F2368C	01/25/88	ND	0					MW	20	0
703	PIDCW	003B	01	F2369A	01/25/88	ND	0					SN	15	0
703	PIDCW	003B	02	F2369B	01/25/88	ND	0					SN	15	0
703	PIDCW	003B	03	F2369C	01/25/88	ND	0					SN	20	0
703	DEB	004B	01	F2370	01/25/88	ND	0					MW	20	0
704	FLVCT	002B	01	F2329A	01/25/88	NV	0							0
704	FLVCT	002B	02	F2329B	01/25/88	ND	0					CE	TRA	0
704	FLVCT	002B	03	F2329C	01/25/88	NA	0							0
704	CLPL	004B	01	F2328A	01/25/88	ND	0					CE	30	0
704	CLPL	004B	02	F2328B	01/25/88	ND	0					CE	10	0
704	CLPL	004B	03	F2328C	01/25/88	ND	0					CE	5	0
704	FLVCT	005B	01	F2330A	01/25/88	ND	0					CE	5	0
704	FLVCT	005B	02	F2330B	01/25/88	ND	0					CE	5	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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- MW - Mineral Wool
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Analyzed by: [illegible] Approved by: [illegible]

Date: 5-4-88 Date: [illegible]

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012817

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
704	FLVCT	005B	03	F2330C	01/25/88	ND	0					CE	5	0
704	FIT	006B	01	F2331A	01/25/88	CH	40					MW	25	40
704	FIT	006B	02	F2331B	01/25/88	*								
704	FIT	006B	03	F2331C	01/25/88	*								
704	PISTM	007B	01	F2332A	01/25/88	CH	TRA					CE	95	
704	PISTM	007B	02	F2332B	01/25/88	CH	TRA					CE	90	
704	PISTM	007B	03	F2332C	01/25/88	CH	TRA					CE	90	
704	PI	008B	01	F2333A	01/25/88	CH	20					MW	35	20
704	PI	008B	02	F2333B	01/25/88	*								
704	PI	008B	03	F2333C	01/25/88	*								
704	DEB	009B	01	F2334A	01/25/88	ND	0					MW	1	0
704	DEB	009B	02	F2334B	01/25/88	CH	60							60
704	DEB	009B	03	F2334C	01/25/88	CH	TRA					MW	1	
704	CLLI	010B	01	F2335A	01/25/88	ND	0					MW	65	0
704	CLLI	010B	02	F2335B	01/25/88	ND	0					MW	75	0
704	CLLI	010B	03	F2335C	01/25/88	ND	0					MW	80	0
705	PISTM	001B	01	F5347A	01/25/88	CH	35					CE	45	35
705	PISTM	001B	02	F2347B	01/25/88	*								
705	PISTM	001B	03	F2347C	01/25/88	*								
705	FISTM	002B	01	F2348A	01/26/88	AM	10	CH	45			CE	5	55
705	FISTM	002B	02	F2348B	01/26/88	*								
705	FISTM	002B	03	F2348C	01/26/88	*								
705	CLLI	003B	01	F2349A	01/26/88	ND	0					CE	75	0
705	CLLI	003B	02	F2349B	01/26/88	ND	0					CE	70	0
705	CLLI	003B	03	F2349C	01/26/88	ND	0					CE	70	0
705	MEQIN	004B	01	F2350A	01/26/88	CH	35					MW	25	35
705	MEQIN	004B	02	F2350B	01/26/88	CH	10					MW	55	10
705	MEQIN	004B	03	F2350C	01/26/88	NA								
705	HFLEX	005B	01	F2351A	01/26/88	CH	60					CE	40	60
705	HFLEX	005B	02	F2351B	01/26/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE:
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- ND = Not Detected
- NV = No Visible Fibers

- AC - Actinolite
- AN - Anthophylite
- CR - Crocidolite
- TR - Tremolite
- CH - Chrysotile
- AM - Amosite
- FG - Fiberglass
- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012817

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
705	HFLEX	005B	03		F2351C	01/26/88	*								
705	FISTM	006B	01		F2352A	01/26/88	CH	50					MW	15	50
705	FISTM	006B	02		F2352B	01/26/88	*								
705	FISTM	006B	03		F2352C	01/26/88	CH	65					CE	5	65
705	PISTM	008B	01		F2353A	01/26/88									
705	PISTM	008B	02		F2353B	01/26/88									
705	PISTM	008B	03		F2353C	01/26/88									
705	FISTM	009B	01		F2354A	01/26/88	CH	30					MW	30	30
705	FISTM	009B	02		F2354B	01/26/88	*								
705	FISTM	009B	03		F2354C	01/26/88	*								
705	PI	010B	01		F2356A	01/27/88	CH	30					MW	30	30
705	PI	010B	02		F2356B	01/27/88	*								
705	PI	010B	03		F2356C	01/27/88	ND	0					CE	95	0
705	CLSP	011B	01		F2357A	01/27/88	ND	0					MW	85	0
705	CLSP	011B	02		F2357B	01/27/88	ND	0					MW	85	0
705	CLSP	011B	03		F2357C	01/27/88	ND	0					MW	85	0
705	FIT	012B	01		F2358A	01/27/88	CH	10					MW	65	10
705	FIT	012B	02		F2358B	01/27/88	*								
705	FIT	012B	03		F2358C	01/27/88	*								
706	PIHW	006B	01		F2359A	01/27/88	CH	TRA					CE	90	
706	PIHW	006B	02		F2359B	01/27/88	CH	15					CE	70	15
706	PIHW	006B	03		F2359C	01/27/88	CH	TRA					CE	90	
706	FIHW	007B	01		F2360A	01/27/88	CH	55					OT	25	55
706	FIHW	007B	02		F2360B	01/27/88	*								
706	FIHW	007B	03		F2360C	01/27/88	*								
706	MHX	008B	01		F2361A	01/27/88	CH	50					MW	20	50
706	MHX	008B	02		F2361B	01/27/88	*								
706	MHX	008B	03		F2361C	01/27/88	*								
706	DEB	009B	01		F2362A	01/27/88	CH	45					MW	35	45
706	DEB	009B	02		F2362B	01/27/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: [illegible] Approved by: [illegible]

Date: 5-4-88 Date: [illegible]

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012817

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
706	DEB	009B	03		F2362C	01/27/88	*								
707	FIHW	001B	01		F2390A	01/25/88	CH	20					CE	50	20
707	FIHW	001B	02		F2390B	01/25/88	*								
707	FIHW	001B	03		F2390C	01/25/88	*								
707	PIHW	002B	01		F2391A	01/25/88	CH	TRA					CE	90	
707	PIHW	002B	02		F2391B	01/25/88	CH	TRA					CE	90	
707	PIHW	002B	03		F2391C	01/25/88	CH	5					CE	85	5
707	MBLR	003B	01		F2392A	01/25/88	ND	0					MW	50	0
707	MBLR	003B	02		F2392B	01/25/88	ND	0					MW	45	0
707	MBLR	003B	03		F2392C	01/25/88	ND	0					MW	30	0
707	DEB	004B	01		F2393A	01/25/88	ND	0					CE	15	0
707	DEB	004B	02		F2393B	01/25/88	ND	0					CE	TRA	0
707	DEB	004B	03		F2393C	01/25/88	ND	0					CE	TRA	0
708	DEB	001B	01		F2363A	01/25/88	CH	TRA					CE	90	
708	DEB	001B	02		F2363B	01/25/88	CH	5					CE	85	5
708	DEB	001B	03		F2363C	01/25/88	*								
708	FLVCT	002B	01		F2364A	01/25/88	CH	TRA					CE	TRA	
708	FLVCT	002B	02		F2364B	01/25/88	CH	TRA					CE	TRA	
708	FLVCT	002B	03		F2364C	01/25/88	ND	0					CE	TRA	0
708	FLVCT	003B	01		F2365A	01/25/88	ND	0					CE	5	0
708	FLVCT	003B	02		F2365B	01/25/88	ND	0					CE	TRA	0
708	FLVCT	003B	03		F2365C	01/25/88	ND	0					CE	TRA	0
708	WLCT	004B	01		F2366A	01/25/88	ND	0					CE	15	0
708	WLCT	004B	02		F2366B	01/25/88	ND	0					CE	15	0
708	WLCT	004B	03		F2366C	01/25/88	ND	0					CE	15	0
718	PIHW	001B	01		F2394A	01/25/88	CH	40					CE	55	40
718	PIHW	001B	02		F2394B	01/25/88	*								
718	PIHW	001B	03		F2394C	01/25/88	*								
718	MTK	002B	01		F2395A	01/25/88	CH	30					MW	15	30
718	MTK	002B	02		F2395B	01/25/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: DS, TB, SB

Approved by: S. Brake

Date: 5-4-88

Date: 5/4-5/5 1-26-88

Galson Technical Services
Project: A8002

SENECA ARMY DEPOT

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012817

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
718	MTK	002B	03	F2395C	01/25/88	*								
718	MBLR	003B	01	F2396A	01/25/88	CH	45					MW	40	45
718	MBLR	003B	02	F2396B	01/25/88	*								
718	MBLR	003B	03	F2396C	01/25/88	*							40	
718	MBLR	004B	01	F2397A	01/25/88	CH	70					MW	15	70
718	MBLR	004B	02	F2397B	01/25/88	*								
718	MBLR	004B	03	F2397C	01/25/88	*								
718	MBLR	005B	01	F2398A	01/25/88	CH	80					MW	5	80
718	MBLR	005B	02	F2398B	01/25/88	*								
718	MBLR	005B	03	F2398C	01/25/88	*								
718	MBLR	006B	01	F2399A	01/25/88	ND	0					MW	85	0
718	MBLR	006B	02	F2399B	01/25/88	ND	0					MW	85	0
718	MBLR	006B	03	F2399C	01/25/88	ND	0					MW	85	0
718	FIHW	007B	01	F2400A	01/25/88	CH	75					MW	10	75
718	FIHW	007B	02	F2400B	01/25/88	*								
718	FIHW	007B	03	F2400C	01/25/88	*								
718	FIHW	008B	01	F2401A	01/25/88	CH	75					MW	10	75
718	FIHW	008B	02	F2401B	01/25/88	*								
718	FIHW	008B	03	F2401C	01/25/88	*								
718	FIHW	009B	01	F2402A	01/25/88	CH	80					MW	10	80
718	FIHW	009B	02	F2402B	01/25/88	*								
718	FIHW	009B	03	F2402C	01/25/88	*								
718	HDUCT	010B	01	F2403A	01/25/88	ND	0					MW	80	0
718	HDUCT	010B	02	F2403B	01/25/88	ND	0					MW	80	0
718	HDUCT	010B	03	F2403C	01/25/88	ND	0					MW	80	0
718	HDUCT	011B	01	F2404A	01/25/88	ND	0					MW	80	0
718	HDUCT	011B	02	F2404B	01/25/88	ND	0					MW	80	0
718	HDUCT	011B	03	F2404C	01/25/88	ND	0					MW	75	0
718	HDUCT	012B	01	F2405A	01/25/88	ND	0					MW	80	0
718	HDUCT	012B	02	F2405B	01/25/88	ND	0					MW	70	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

Analyzed by: DS, TB, SB
Date: 5-4-88

Approved by: [illegible]
Date: 5-4-88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 012817

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
718	HDUCT	012B 03		F2405C	01/25/88	ND	0			MW	70		0	
722	FISTM	001B 01		F2406A	01/25/88	CH	15			MW	65		15	
722	FISTM	001B 02		F2406B	01/25/88	*								
722	FISTM	001B 03		F2406C	01/25/88	*								
722	PISTM	002B 01		F2407A	01/25/88	CH	20			CE	65		20	
722	PISTM	002B 02		F2407B	01/25/88	CH	65						65	
722	PISTM	002B 03		F2407C	01/25/88	*								
722	PIDHW	003B 01		F2410A	01/25/88	CH	TRA			CE	90			
722	PIDHW	003B 02		F2410B	01/25/88	CH	15			CE	75		15	
722	PIDHW	003B 03		F2410C	01/25/88	*								
722	FIDHW	004B 01		F2408A	01/25/88	CH	20			MW	60		20	
722	FIDHW	004B 02		F2408B	01/25/88	*								
722	FIDHW	004B 03		F2408C	01/25/88	*								
722	PISTM	005B 01		F2411A	01/25/88	CH	70			MW	15		70	
722	PISTM	005B 02		F2411B	01/25/88	*								
722	PISTM	005B 03		F2411C	01/25/88	*								
722	FISTM	006B 01		F2409A	01/25/88	CH	40			MW	40		40	
722	FISTM	006B 02		F2409B	01/25/88	*								
722	FISTM	006B 03		F2409C	01/25/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples.
(EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

Analyzed by: DJS, TB, SB
Date: 5-1-88

Approved by: S B Jackson
Date: 1-2-JC 88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022938

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
116	FLVCT	001B	01		F5763A	02/17/88	ND	0					CE	1	0
116	FLVCT	001B	02		F5763B	02/17/88	ND	0					CE	10	0
116	FLVCT	001B	03		F5763C	02/17/88	ND	0					CE	TRA	0
116	FLVCT	002B	01		100147	02/17/88	ND	0					CE	1	0
116	FLVCT	002B	02		F5764B	02/17/88	ND	0					CE	1	0
116	FLVCT	002B	03		F5764C	02/17/88	ND	0					CE	TRA	0
706	PI	001B	01		F5765A	02/17/88	CH	5					CE	85	5
706	PI	001B	02		F5765B	02/17/88	*								
706	PI	001B	03		F5765C	02/17/88	*								
706	FIT	002B	01		F5766A	02/17/88	CH	60					CE	5	60
706	FIT	002B	02		F5766B	02/17/88	*								
706	FIT	002B	03		F5766C	02/17/88	*								
706	FLVCT	003B	01		F5767A	02/17/88	ND	0					CE	TRA	0
706	FLVCT	003B	02		F5767B	02/17/88	ND	0					CE	TRA	0
706	FLVCT	003B	03		F5767C	02/17/88	ND	0					CE	TRA	0
706	FIHW	004B	01		F5768A	02/17/88	CH	55					MW	15	55
706	FIHW	004B	02		F5768B	02/17/88	*								
706	FIHW	004B	03		F5768C	02/17/88	*								
706	PIHW	005B	01		F5769A	02/17/88	CH	10					CE	80	10
706	PIHW	005B	02		F5769B	02/17/88	*								
706	PIHW	005B	03		F5769C	02/17/88	*								
711	FLVCT	001B	01		F5770A	02/17/88	ND	0					CE	TRA	0
711	FLVCT	001B	02		F5770B	02/17/88	ND	0					CE	TRA	0
711	FLVCT	001B	03		F5770C	02/17/88	ND	0					CE	TRA	0
724	FIHW	001B	01		F5771A	02/17/88	CH	10					CE	75	10
724	FIHW	001B	02		F5771B	02/17/88	*								
724	FIHW	001B	03		F5771C	02/17/88	*								
724	FIHW	002B	01		F5772A	02/17/88	CH	15					MW	40	15
724	FIHW	002B	02		F5772B	02/17/88	*								
724	FIHW	002B	03		F5772C	02/17/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: [illegible] Approved by: [illegible]

Date: 2-4-88 Date: 12-20-88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022938

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
724	PIHW	003B	01		F5773A	02/17/88	CH	30					CE	55	30
724	PIHW	003B	02		F5773B	02/17/88	*								
724	PIHW	003B	03		F5773C	02/17/88	*								
724	FLVCT	004B	01		F5774A	02/17/88	CH	5					CE	5	5
724	FLVCT	004B	02		F5774B	02/17/88	*								
724	FLVCT	004B	03		F5774C	02/17/88	*								
750	FLVCT	001B	01		F5775A	02/17/88	ND	0					CE	5	0
750	FLVCT	001B	02		F5775B	02/17/88	ND	0					CE	5	0
750	FLVCT	001B	03		F5775C	02/17/88	ND	0					CE	5	0
751	FLVCT	001B	01		F5776A	02/17/88	ND	0					CE	5	0
751	FLVCT	001B	02		F5776B	02/17/88	ND	0					CE	5	0
751	FLVCT	001B	03		F5776C	02/17/88	ND	0					CE	5	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples.
(EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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AM - Amosite

FG - Fiberglass
CE - Cellulose
OT - Other
MW - Mineral Wool
SN - Synthetic

Analyzed by: DS, TR, SB
Date: 3-4-88

Approved by: S Brochu
Date: 12 20 88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022939

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
710	CLTX	001B	01		F5777A	02/17/88	ND	0					MW	75	0
710	CLTX	001B	02		F5777B	02/17/88	ND	0					MW	70	0
710	CLTX	001B	03		F5777C	02/17/88	ND	0					MW	80	0
710	WLCT	002B	01		F5778A	02/17/88	ND	0					CE	25	0
710	WLCT	002B	02		F5778B	02/17/88	ND	0					CE	15	0
710	WLCT	002B	03		F5778C	02/17/88	ND	0					CE	15	0
710	FLVCT	003B	01		F5779A	02/17/88	ND	0					CE	5	0
710	FLVCT	003B	02		F5779B	02/17/88	ND	0					CE	TRA	0
710	FLVCT	003B	03		F5779C	02/17/88	ND	0					CE	5	0
710	PIHW	004B	01		F5780A	02/17/88	CH	15					CE	70	15
710	PIHW	004B	02		F5780B	02/17/88	*								
710	PIHW	004B	03		F5780C	02/17/88	*								
710	MEQIN	005B	01		F5781A	02/17/88	CH	60					FG	16	60
710	MEQIN	005B	02		F5781B	02/17/88	*								
710	MEQIN	005B	03		F5781C	02/17/88	*								
732	PIHW	001B	01		F5782A	02/17/88	CH	45					CE	30	45
732	PIHW	001B	02		F5782B	02/17/88	*								
732	PIHW	001B	03		F5782C	02/17/88	*								
732	WLCT	002B	01		F5783A	02/17/88	ND	0					CE	95	0
732	WLCT	002B	02		F5783B	02/17/88	ND	0					CE	95	0
732	WLCT	002B	03		F5783C	02/17/88	ND	0					CE	95	0
732	WLCT	003B	01		F5784A	02/17/88	ND	0					CE	95	0
732	WLCT	003B	02		F5784B	02/17/88	ND	0					CE	95	0
732	WLCT	003B	03		F5784C	02/17/88	ND	0					CE	95	0
810	PIHW	001B	01		F5785A	02/17/88	CH	20					CE	60	20
810	PIHW	001B	02		F5785B	02/17/88	*								
810	PIHW	001B	03		F5785C	02/17/88	*								
810	PIHW	002B	01		F5786A	02/17/88	CH	10					CE	70	10
810	PIHW	002B	02		F5786B	02/17/88	*								
810	PIHW	002B	03		F5786C	02/17/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE: TRA = Less than 1% | 0 = Not Detectable | NA = Not Applicable | ND = Not Detected | NV = No Visible Fibers

AC - Actinolite | AN - Anthophylite | CR - Crocidolite | TR - Tremolite | CH - Chrysotile

AM - Amosite

FG - Fiberglass | CE - Cellulose | OT - Other | MW - Mineral Wool | SN - Synthetic

Analyzed by: PDS, TB, SB — Approved by: [illegible]

Date: 5-4-88 — Date: 12/[illegible]/88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022939

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
810	FIHW	003B	01		F5787A	02/17/88	CH	60					CE	20	60
810	FIHW	003B	02		F5787B	02/17/88	*								
810	FIHW	003B	03		F5787C	02/17/88	*								
810	FIHW	004B	01		F5788A	02/17/88	CH	65					MW	15	65
810	FIHW	004B	02		F5788B	02/17/88	*								
810	FIHW	004B	03		F5788C	02/17/88	*								
810	HFANH	005B	01		F5789A	02/17/88	ND	0					FG	100	0
810	HFANH	005B	02		F5789B	02/17/88	ND	0					FG	100	0
810	HFANH	005B	03		F5789C	02/17/88	ND	0					FG	95	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE: TRA = Less than 1%; 0 = Not Detectable; NA = Not Applicable; ND = Not Detected; NV = No Visible Fibers

AC - Actinolite; AN - Anthophylite; CR - Crocidolite; TR - Tremolite; CH - Chrysotile

AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022940

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
802	FLVCT	001B 01		F5790A	02/17/88	NV								
802	FLVCT	001B 02		F5790B	02/17/88	NV								
802	FLVCT	001B 03		F5790C	02/17/88	NV								
802	FLVCT	002B 01		F5791A	02/17/88	CH	TRA					CE	TRA	
802	FLVCT	002B 02		F5791B	02/17/88	ND	0					CE	TRA	0
802	FLVCT	002B 03		F5791C	02/17/88	ND	0					CE	TRA	0
802	FLVCT	003B 01		F5792A	02/17/88	NV								
802	FLVCT	003B 02		F5792B	02/17/88	NV								
802	FLVCT	003B 03		F5792C	02/17/88	NV								
802	CLLI	004B 01		F5793A	02/17/88	ND	0					CE	90	0
802	CLLI	004B 02		F5793B	02/17/88	ND	0					CE	90	0
802	CLLI	004B 03		F5793C	02/17/88	ND	0					CE	90	0
804	FIDHW	001B 01		F5794A	02/17/88	CH	5					CE	75	5
804	FIDHW	001B 02		F5794B	02/17/88	*								
804	FIDHW	001B 03		F5794C	02/17/88	*								
804	FIDHW	002B 01		F5795A	02/17/88	CH	40					CE	50	40
804	FIDHW	002B 02		F5795B	02/17/88	*								
804	FIDHW	002B 03		F5795C	02/17/88	*								
804	FLVCT	003B 01		F5796A	02/17/88	CH	TRA							
804	FLVCT	003B 02		F5796B	02/17/88	CH	5							5
804	FLVCT	003B 03		F5796C	02/17/88	*								
804	FLVCT	004B 01		F5797A	02/17/88	CH	TRA							
804	FLVCT	004B 02		F5797B	02/17/88	CH	TRA							
804	FLVCT	004B 03		F5797C	02/17/88	CH	TRA							
804	FIDHW	005B 01		F5798A	02/17/88	CH	50					CE	35	50
804	FIDHW	005B 02		F5798B	02/17/88	*								
804	FIDHW	005B 03		F5798C	02/17/88	*								
804	PIDHW	006B 01		F5799A	02/17/88	CH	20					CE	70	20
804	PIDHW	006B 02		F5799B	02/17/88	*								
804	PIDHW	006B 03		F5799C	02/17/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE: TRA = Less than 1%; 0 = Not Detectable; NA = Not Applicable; ND = Not Detected; NV = No Visible Fibers

AC - Actinolite; AN - Anthophylite; CR - Crocidolite; TR - Tremolite; CH - Chrysotile

AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: Du, LF — Approved by: [illegible]

Date: 5-4 88 — Date: 12-6-88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022940

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
805	FIT	001B	01		F5800A	02/17/88	ND	0					CE	90	0
805	FIT	001B	02		F5800B	02/17/88	ND	0					CE	90	0
805	FIT	001B	03		F5800C	02/17/88	ND	0					CE	90	0
806	FLVCT	001B	01		F5801A	02/17/88	CH	10							10
806	FLVCT	001B	02		F5801B	02/17/88	*								
806	FLVCT	001B	03		F5801C	02/17/88	*								
806	CLLI	002B	01		F5802A	02/17/88	ND	0					CE	90	0
806	CLLI	002B	02		F5802B	02/17/88	ND	0					CE	90	0
806	CLLI	002B	03		F5802C	02/17/88	ND	0					CE	90	0
806	FLVCT	003B	01		F5803A	02/17/88	CH	10							10
806	FLVCT	003B	02		F5803B	02/17/88	*								
806	FLVCT	003B	03		F5803C	02/17/88	*								
807	FLVCT	001B	01		F5804A	02/17/88	ND	0					CE	TRA	0
807	FLVCT	001B	02		F5804B	02/17/88	NV								
807	CLPL	002B	01		F5805A	02/17/88	ND	0					CE	15	0
807	CLPL	002B	02		F5805B	02/17/88	ND	0					CE	10	0
807	CLPL	002B	03		F5805C	02/17/88	ND	0					CE	50	0
807	FLVCT	003B	01		F5806A	02/17/88	ND	0					CE	TRA	0
807	FLVCT	003B	02		F5806B	02/17/88	CH	TRA					CE	TRA	
807	FLVCT	003B	03		F5806C	02/17/88	CH	TRA					CE	TRA	
807	CL	004B	01		F5807A	02/17/88	CH	40					CE	20	40
807	CL	004B	02		F5807B	02/17/88	*								
807	CL	004B	03		F5807C	02/17/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE:
- TRA = Less than 1%
- 0 = Not Detectable
- NA = Not Applicable
- ND = Not Detected
- NV = No Visible Fibers

- AC - Actinolite
- AN - Anthophylite
- CR - Crocidolite
- TR - Tremolite
- CH - Chrysotile
- AM - Amosite
- FG - Fiberglass
- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: 5-4-88 Date: _____

Galson Technical Services
Project: A8002

SENECA ARMY DEPOT

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022941

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
800	FLVCT	001B	01		F5808A	02/19/88	CH	5							5
800	FLVCT	001B	02		F5808B	02/19/88	*								
800	FLVCT	001B	03		F5808C	02/19/88	*								
812	DEB	001B	01		F5809A	02/19/88	CH	50					CE	10	50
812	DEB	001B	02		F5809B	02/19/88	*								
812	DEB	001B	03		F5809C	02/19/88	*								
812	PISTM	002B	01		F5810A	02/19/88	CH	50					CE	20	50
812	PISTM	002B	02		F5810B	02/19/88	*								
812	PISTM	002B	03		F5810C	02/19/88	*								
812	HFLEX	003B	01		F5811A	02/19/88	ND	0					CE	100	0
812	HFLEX	003B	02		F5811B	02/19/88	ND	0					CE	100	0
812	HFLEX	003B	03		F5811C	02/19/88	ND	0					CE	100	0
812	DEB	004B	01		F5812A	02/19/88	CH	50					CE	10	50
812	DEB	004B	02		F5812B	02/19/88	*								
812	DEB	004B	03		F5812C	02/19/88	*								
812	PIDHW	005B	01		F5813A	02/19/88	CH	10					CE	80	10
812	PIDHW	005B	02		F5813B	02/19/88	*								
812	PIDHW	005B	03		F5813C	02/19/88	*								
812	FLVCT	006B	01		F5814A	02/19/88	CH	10							10
812	FLVCT	006B	02		F5814B	02/19/88	*								
812	FLVCT	006B	03		F5814C	02/19/88	*								
812	FLVCT	007B	01		F5815A	02/19/88	ND	0					CE	TRA	0
812	FLVCT	007B	02		F5815B	02/19/88	NV	0							0
812	FLVCT	007B	03		F5815C	02/19/88	NV	0							0
812	CLLI	008B	01		F5816A	02/19/88	ND	0					CE	90	0
812	CLLI	008B	02		F5816B	02/19/88	ND	0					CE	90	0
812	CLLI	008B	03		F5816C	02/19/88	ND	0					CE	90	0
817	HDUTP	001B	01		F5817A	02/19/88	CH	60					CE	20	60
817	HDUTP	001B	02		F5817B	02/19/88	*								
817	HDUTP	001B	03		F5817C	02/19/88	CH	70					CE	10	70

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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0 = Not Detectable | AN - Anthophylite | CE - Cellulose
NA = Not Applicable | CR - Crocidolite | OT - Other
ND = Not Detected | TR - Tremolite | MW - Mineral Wool
NV = No Visible Fibers | CH - Chrysotile | SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022941

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
817	HFLEX	002B 01		F5818A	02/19/88	CH	50					CE	40	50
817	HFLEX	002B 02		F5818B	02/19/88	*								
817	HFLEX	002B 03		F5818C	02/19/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: [illegible] Date: 5-4-88

Approved by: [illegible] Date: [illegible]

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022942

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
729	PISTM 001B	01		F5819A	02/24/88	CH	30					CE	60	30
729	PISTM 001B	02		F5819B	02/24/88	*								
729	PISTM 001B	03		F5819C	02/24/88	*								
729	PICOND002B	01		F5820A	02/24/88	CH	20					OT	60	20
729	PICOND002B	02		F5820B	02/24/88	*								
729	PICOND002B	03		F5820C	02/24/88	*								
729	PICOND003B	01		F5821A	02/24/88	CH	60					CE	25	60
729	PICOND003B	02		F5821B	02/24/88	*								
729	PICOND003B	03		F5821C	02/24/88	*								
729	PISTM 004B	01		F5822A	02/24/88	CH	15					OT	65	15
729	PISTM 004B	02		F5822B	02/24/88	*								
729	PISTM 004B	03		F5822C	02/24/88	*								
729	FLVCT 005B	01		F5823A	02/24/88	ND	0					CE	TRA	0
729	FLVCT 005B	02		F5823B	02/24/88	ND	0					CE	TRA	0
729	FLVCT 005B	03		F5823C	02/24/88	ND	0					CE	5	0
729	PIDHW 006B	03		F5824C	02/24/88	*								
729	PIDHW 007B	01		F5825A	02/24/88	CH	60					OT	25	60
729	PIDHW 007B	02		F5825B	02/24/88	*								
729	PIDHW 007B	03		F5825C	02/24/88	*								
729	FLVCT 008B	01		F5826A	02/24/88	NV								
729	FLVCT 008B	02		F5826B	02/24/88	NV								
729	FLVCT 008B	03		F5826C	02/24/88	NV								
815	FLVCT 001B	01		F5827A	02/24/88	CH	TRA							
815	FLVCT 001B	02		F5827B	02/24/88	CH	TRA							
815	FLVCT 001B	03		F5827C	02/24/88	CH	10							10
815	FLVCT 002B	01		F5828A	02/24/88	CH	10							10
815	FLVCT 002B	02		F5828B	02/24/88	*								
815	FLVCT 002B	03		F5828C	02/24/88	*								
815	PIDHW 003B	01		F5829A	02/24/88	CH	10					CE	80	10
815	PIDHW 003B	02		F5829B	02/24/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) Accuracy to +/- 10%

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ND = Not Detected | TR - Tremolite | MW - Mineral Wool
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Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022942

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
815	FIDHW 003B	03		F5829C	02/24/88	*								
815	FIDHW 004B	01		F5830A	02/24/88	CH	60					CE	20	60
815	FIDHW 004B	02		F5830B	02/24/88	*								
815	FIDHW 004B	03		F5830C	02/24/88	*								
815	FISTM 005B	01		F5831A	02/24/88	CH	40					CE	50	40
815	FISTM 005B	02		F5831B	02/24/88	*								
815	FISTM 005B	03		F5831C	02/24/88	*								
815	FISTM 006B	01		F5832A	02/24/88	CH	60					CE	20	60
815	FISTM 006B	02		F5832B	02/24/88	*								
815	FISTM 006B	03		F5832C	02/24/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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- AN - Anthophylite
- CR - Crocidolite
- TR - Tremolite
- CH - Chrysotile
- AM - Amosite
- FG - Fiberglass
- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022943

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
306	FLVCT	001B	01		F5833A	02/25/88	CH	TRA							
306	FLVCT	001B	02		F5833B	02/25/88	CH	TRA							
306	FLVCT	001B	03		F5833C	02/25/88	CH	TRA							
308	MFLUE	001B	01		F5834A	02/25/88	ND	0					CE	60	0
308	MFLUE	001B	02		F5834B	02/25/88	ND	0					CE	60	0
308	MFLUE	001B	03		F5834C	02/25/88	ND	0					CE	60	0
612	PIHW	001B	01		F5835A	02/25/88	CH	40					CE	50	40
612	PIHW	001B	02		F5835B	02/25/88	*								
612	PIHW	001B	03		F5835C	02/25/88	*								
612	FIHW	002B	01		F5836A	02/25/88	CH	60					CE	25	60
612	FIHW	002B	02		F5836B	02/25/88	*								
612	FIHW	002B	03		F5836C	02/25/88	*								
612	PIHW	003B	01		F5837A	02/25/88	CH	40	AM	35					75
612	PIHW	003B	02		F5837B	02/25/88	*								
612	PIHW	003B	03		F5837C	02/25/88	*								
612	FLVCT	004B	01		F5838A	02/25/88	NV								
612	FLVCT	004B	02		F5838B	02/25/88	NV								
612	FLVCT	004B	03		F5838C	02/25/88	NV								
710	FIHW	006B	01		F5839A	02/25/88	CH	30					CE	30	30
710	FIHW	006B	02		F5839B	02/25/88	*								
710	FIHW	006B	03		F5839C	02/25/88	*								
714	FLVCT	001B	01		F5840A	02/25/88	NV								
714	FLVCT	001B	02		F5840B	02/25/88	NV								
714	FLVCT	001B	03		F5840C	02/25/88	NV								
714	FLVCT	002B	01		F5841A	02/25/88	NV								
714	FLVCT	002B	02		F5841B	02/25/88	NV								
714	FLVCT	002B	03		F5841C	02/25/88	NV								
740	FLVCT	001B	01		F5842A	02/25/88	NV								
740	FLVCT	001B	02		F5842B	02/25/88	CH	TRA							
740	FLVCT	001B	03		F5842C	02/25/88	CH	TRA							

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022943

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
740	WLCEM	002B	01		F5843A	02/25/88	CH	25							25
740	WLCEM	002B	02		F5843B	02/25/88	*								
740	WLCEM	002B	03		F5843C	02/25/88	*								
742	FLVCT	001B	01		F5844A	02/25/88	ND	0					CE	5	0
742	FLVCT	001B	02		F5844B	02/25/88	ND	0					CE	10	0
742	FLVCT	001B	03		F5844C	02/25/88	ND	0					CE	5	0
742	FLVCT	002B	01		F5845A	02/25/88	CH	10							10
742	FLVCT	002B	02		F5845B	02/25/88	*								
742	FLVCT	002B	03		F5845C	02/25/88	*								
742	FLVCT	003B	01		F5846A	02/25/88	CH	10							10
742	FLVCT	003B	02		F5846B	02/25/88	*								
742	FLVCT	003B	03		F5846C	02/25/88	*								
747	FIHW	001B	01		F5847A	02/25/88	ND	0					CE	70	0
747	FIHW	001B	02		F5847B	02/25/88	ND	0					CE	70	0
747	FIHW	001B	03		F5847C	02/25/88	ND	0					CE	70	0
747	FLVCT	002B	01		F5848A	02/25/88	ND	0					CE	5	0
747	FLVCT	002B	02		F5848B	02/25/88	ND	0					CE	TRA	0
747	FLVCT	002B	03		F5848C	02/25/88	ND	0					CE	5	0
810	FLVCT	006B	01		F5849A	02/25/88	CH	10							10
810	FLVCT	006B	02		F5849B	02/25/88	*								
810	FLVCT	006B	03		F5849C	02/25/88	*								
814	FLVCT	001B	01		F5850A	02/25/88	CH	15							15
814	FLVCT	001B	02		F5850B	02/25/88	*								
814	FLVCT	001B	03		F5850C	02/25/88	*								
819	PIHW	001B	01		F5851A	02/25/88	CH	30					CE	50	30
819	PIHW	001B	02		F5851B	02/25/88	*								
819	PIHW	001B	03		F5851C	02/25/88	*								
819	FIHW	002B	01		F5852A	02/25/88	CH	40					CE	40	40
819	FIHW	002B	02		F5852B	02/25/88	*								
819	FIHW	002B	03		F5852C	02/25/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE: TRA = Less than 1%; 0 = Not Detectable; NA = Not Applicable; ND = Not Detected; NV = No Visible Fibers

AC - Actinolite; AM - Amosite; AN - Anthophylite; CR - Crocidolite; TR - Tremolite; CH - Chrysotile

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022943

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
819	PIHW	003B	01		F5853A	02/25/88	CH	30					CE	50	30
819	PIHW	003B	02		F5853B	02/25/88	*								
819	PIHW	003B	03		F5853C	02/25/88	*								
819	FIHW	004B	01		F5854A	02/25/88	CH	5					CE	80	5
819	FIHW	004B	02		F5854B	02/25/88	*								
819	FIHW	004B	03		F5854C	02/25/88	*								
819	FLVCT	005B	01		F5855A	02/25/88	CH	10							10
819	FLVCT	005B	02		F5855B	02/25/88	*								
819	FLVCT	005B	03		F5855C	02/25/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) — Accuracy to +/- 10%

NOTE:
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- AC - Actinolite
- AN - Anthophylite
- CR - Crocidolite
- TR - Tremolite
- CH - Chrysotile
- AM - Amosite
- FG - Fiberglass
- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 022944

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
606	FIHW	001B 01		F5857A	02/26/88	CH	15					CE	75Y	15
606	FIHW	001B 02		F5857B	02/26/88	*								
606	FIHW	001B 03		F5857C	02/26/88	*								
606	PIHW	002B 01		F5858A	02/26/88	CH	25					CE	65	25
606	PIHW	002B 02		F5858B	02/26/88	*								
606	PIHW	002B 03		F5858C	02/26/88	*								
606	PIHW	003B 01		F5860A	02/26/88	AM	40	CH	30					70
606	PIHW	003B 02		F5860B	02/26/88	*								
606	PIHW	003B 03		F5860C	02/26/88	*								
606	MTK	004B 01		F5861A	02/26/88	AM	20	CH	40			CE	10	60
606	MTK	004B 02		F5861B	02/26/88	*								
606	MTK	004B 03		F5861C	02/26/88	*								
729	PIDHW	006B 01		F5824A	02/24/88	CH	35					CE	55	35
729	PIDHW	006B 02		F5824B	02/24/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples.
(EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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0 = Not Detectable | AN - Anthophylite | CE - Cellulose
NA = Not Applicable | CR - Crocidolite | OT - Other
ND = Not Detected | TR - Tremolite | MW - Mineral Wool
NV = No Visible Fibers | CH - Chrysotile | SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: 3-4-88 Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 031606

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
006	DOOR	001B	01		100101	03/03/88	AM	10	CH	40					50
006	DOOR	001B	02		100102	03/03/88	*								
006	DOOR	001B	03		100103	03/03/88	*								
007	PIHW	001B	01		100104	03/03/88	AM	40	CH	5					45
007	PIHW	001B	02		100105	03/03/88	*								
007	PIHW	001B	03		100106	03/03/88	*								
007	PIHW	002B	01		100140	03/03/88	CH	35					CE	45	35
007	PIHW	002B	02		100141	03/03/88	*								
007	PIHW	002B	03		100142	03/03/88	*								
007	FIHW	003B	01		100143	03/03/88	AM	1	CH	60					61
007	FIHW	003B	02		100144	03/03/88	*								
007	FIHW	003B	03		100145	03/03/88	*								
311	PISTM	001B	01		100107	03/03/88	AM	20	CH	35					55
311	PISTM	001B	02		100108	03/03/88	*								
311	PISTM	001B	03		100109	03/03/88	*								
311	FISTM	002B	01		100110	03/03/88	CH	40					MW	45	40
311	FISTM	002B	02		100111	03/03/88	*								
311	FISTM	002B	03		100112	03/03/88	*								
316	PIHW	001B	01		100113	03/03/88	CH	45							45
316	PIHW	001B	02		100114	03/03/88	*								
316	PIHW	001B	03		100115	03/03/88	*								
316	FIHW	002B	01		100116	03/03/88	CH	60							60
316	FIHW	002B	02		100117	03/03/88	*								
316	FIHW	002B	03		100118	03/03/88	*								
316	ATIN	003B	01		100119	03/03/88	ND	0					MW	96	0
316	ATIN	003B	02		100120	03/03/88	ND	0					MW	95	0
316	ATIN	003B	03		100121	03/03/88	ND	0					MW	100	0
316	WLSFP	004B	01		100122	03/03/88	ND	0					CE	95	0
316	WLSFP	004B	02		100123	03/03/88	ND	0					CE	95	0
316	WLSFP	004B	03		100124	03/03/88	ND	0					CE	95	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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NA = Not Applicable | CR - Crocidolite | OT - Other
ND = Not Detected | TR - Tremolite | MW - Mineral Wool
NV = No Visible Fibers | CH - Chrysotile | SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 031606

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
316	FLVCT	005B	01		100125	03/03/88	ND	0			CE	TRA			0
316	FLVCT	005B	02		100126	03/03/88	ND	0			CE	TRA			0
316	FLVCT	005B	03		100127	03/03/88	ND	0			CE	TRA			0
360	FLVCT	001B	01		100128	03/03/88	CH	TRA			CE	TRA			
360	FLVCT	001B	02		100129	03/03/88	ND	0			CE	TRA			0
360	FLVCT	001B	03		100130	03/03/88	ND	0			CE	TRA			0
369	WLCEM	001B	01		100131	03/03/88	CH	55							55
369	WLCEM	001B	02		100132	03/03/88	*								
369	WLCEM	001B	03		100133	03/03/88	*								
609	PIHW	001B	01		100134	03/03/88	CH	40			CE	45			40
609	PIHW	001B	02		100135	03/03/88	*								
609	PIHW	001B	03		100136	03/03/88	*								
609	FLVCT	002B	01		100137	03/03/88	ND	0			CE	TRA			0
609	FLVCT	002B	02		100138	03/03/88	ND	0			CE	TRA			0
609	FLVCT	002B	03		100139	03/03/88	CH	TRA			CE	TRA			

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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- TR - Tremolite
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Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 031607

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
2113	FLVCT	001B	01		100068	03/04/88	CH	TRA					CE	5	
2113	FLVCT	001B	02		100069	03/04/88	CH	TRA					CE	5	
2113	FLVCT	001B	03		100070	03/04/88	CH	TRA					CE	10	
2207	FIHW	001B	01		100086	03/04/88	ND	0					MW	45	0
2207	FIHW	001B	02		100087	03/04/88	ND	0					MW	45	0
2207	FIHW	001B	03		100088	03/04/88	ND	0					MW	45	0
2301	FLVCT	001B	01		100077	03/04/88	ND	0					CE	TRA	0
2301	FLVCT	001B	02		100078	03/04/88	ND	0					CE	1	0
2301	FLVCT	001B	03		100079	03/04/88	ND	0					CE	TRA	0
2302	DOOR	001B	01		100080	03/04/88	AM	10					CH	35	10
2302	DOOR	001B	02		100081	03/04/88	*								
2302	DOOR	001B	03		100082	03/04/88	*								
2305	FLVCT	001B	01		100083	03/04/88	CH	TRA					CE	10	
2305	FLVCT	001B	02		100084	03/04/88	ND	0					CE	10	0
2305	FLVCT	001B	03		100085	03/04/88	ND	0					CE	10	0
2306	FLVCT	001B	01		100089	03/04/88	ND	0					CE	10	0
2306	FLVCT	001B	02		100090	03/04/88	ND	0					CE	5	0
2306	FLVCT	001B	03		100091	03/04/88	ND	0					CE	5	0
2306	DEB	002B	01		100092	03/04/88	CH	5					CE	50	5
2306	DEB	002B	02		100093	03/04/88	*								
2306	DEB	002B	03		100094	03/04/88	*								
2306	CLSH	003B	01		100095	03/04/88	ND	0					CE	30	0
2306	CLSH	003B	02		100096	03/04/88	ND	0					CE	25	0
2306	CLSH	003B	03		100097	03/04/88	ND	0					CE	30	0
2306	DOOR	004B	01		100098	03/04/88	AM	5	CH	40					45
2306	DOOR	004B	02		100099	03/04/88	*								
2306	DOOR	004B	03		100100	03/04/88	*								
310	FLVCT	001B	01		100050	03/04/88	CH	TRA					CE	TRA	
310	FLVCT	001B	02		100051	03/04/88	CH	TRA					CE	TRA	
310	FLVCT	001B	03		100052	03/04/88	CH	TRA					CE	TRA	

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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CR - Crocidolite
TR - Tremolite
CH - Chrysotile

AM - Amosite

FG - Fiberglass
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Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 031607

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
317	PIHW	001B	01		100053	03/04/88	CH	40					CE	5	40
317	PIHW	001B	02		100054	03/04/88	*							5	
317	PIHW	001B	03		100055	03/04/88	*								
317	PIHW	002B	01		100056	03/04/88	CH	50					CE	30	50
317	PIHW	002B	02		100057	03/04/88	*								
317	PIHW	002B	03		100058	03/04/88	*								
317	FLVCT	003B	01		100059	03/04/88	ND	0					CE	TRA	0
317	FLVCT	003B	02		100060	03/04/88	ND	0					CE	TRA	0
317	FLVCT	003B	03		100061	03/04/88	ND	0					CE	TRA	0
318	PIHW	001B	01		100062	03/04/88	AM	35	CH	10					45
318	PIHW	001B	02		100063	03/04/88	*								
318	PIHW	001B	03		100064	03/04/88	*								
318	FLVCT	002B	01		100065	03/04/88	ND	0					CE	TRA	0
318	FLVCT	002B	02		100066	03/04/88	ND	0					CE	TRA	0
318	FLVCT	002B	03		100067	03/04/88	ND	0					CE	TRA	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples.
(EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 032413

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
2104	MTK	001B	01		100022	03/23/88	AM	45	CH	20					65
2104	MTK	001B	02		100023	03/23/88	*								
2104	MTK	001B	03		100024	03/23/88	*								
2104	FISTM	002B	01		100025	03/23/88	CH	35					CE	45	35
2104	FISTM	002B	02		100026	03/23/88	*								
2104	FISTM	002B	03		100027	03/23/88	*								
2104	FISTM	003B	01		100028	03/23/88	AM	35	CH	20					55
2104	FISTM	003B	02		100029	03/23/88	*								
2104	FISTM	003B	03		100030	03/23/88	*								
2411	FIHW	001B	01		100032	03/23/88	CH	70					MW	15	70
2411	FIHW	001B	02		100033	03/14/88	*								
2411	FIHW	001B	03		100034	03/14/88	*								
2411	FIHW	002B	01		100035	03/14/88	CH	55					MW	30	55
2411	FIHW	002B	02		100036	03/14/88	*								
2411	FIHW	002B	03		100037	03/14/88	*								
2411	MBRCH	003B	01		100038	03/14/88	AM	75							75
2411	MBRCH	003B	02		100039	03/10/88	*								
2411	MBRCH	003B	03		100040	03/10/88	*								
2411	MBLR	004B	01		100041	03/10/88	CH	35					CE	TRA	35
2411	MBLR	004B	02		100042	03/10/88	*								
2411	MBLR	004B	03		100043	03/10/88	*								
2411	MBLR	005B	01		100044	03/10/88	AM	70							70
2411	MBLR	005B	02		100045	03/10/88	*								
2411	MBLR	005B	03		100046	03/10/88	*								
2485	FLVCT	001B	01		100047	03/10/88	ND	0					CE	TRA	0
2485	FLVCT	001B	02		100048	03/10/88	ND	0					CE	TRA	0
2485	FLVCT	001B	03		100049	03/10/88	ND	0					CE	TRA	0
366	PISTM	001B	01		100007	03/23/88	CH	50					CE	40	50
366	PISTM	001B	02		100008	03/23/88	*								
366	PISTM	001B	03		100009	03/23/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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AM - Amosite

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Analyzed by: _____ Approved by: _____

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Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 032413

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
723	FLVCT 001B	01		100010	03/23/88	ND	0					CE	TRA	0
723	FLVCT 001B	02		100012	03/23/88	ND	0					CE	5	0
723	FLVCT 001B	03		100011	03/23/88	ND	0					CE	10	0
723	PISTM 002B	01		100013	03/23/88	CH	15					CE	65	15
723	PISTM 002B	02		100014	03/23/88	*								
723	PISTM 002B	03		100015	03/23/88	*								
723	FISTM 003B	01		100016	03/23/88	CH	5					MW	30	5
723	FISTM 003B	02		100017	03/23/88	*								
723	FISTM 003B	03		100018	03/23/88	*								
723	FLVCT 004B	01		100019	03/23/88	ND	0					CE	5	0
723	FLVCT 004B	02		100020	03/23/88	ND	0					CE	5	0
723	FLVCT 004B	03		100021	03/23/88	ND	0					CE	TRA	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 060806

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
707	FLVCT	005B 01		F20938	06/07/88	CH	5							5
707	FLVCT	005B 02		F20939	06/07/88	CH	5					CE	5	5
707	FLVCT	005B 03		F20940	06/07/88	CH	5					CE	5	5
707	FLVCT	006B 01		F20941	06/07/88	CH	5					CE	5	5
707	FLVCT	006B 02		F20942	06/07/88	CH	5					CE	5	5
707	FLVCT	006B 03		F20943	06/07/88	CH	5					CE	5	5
707	FLVCT	007B 01		F20944	06/07/88	ND	0					CE	5	0
707	FLVCT	007B 02		F20945	06/07/88	ND	0					CE	5	0
707	FLVCT	007B 03		F20946	06/07/88	CH	5					CE	5	5
707	FLVCT	008B 01		F20947	06/07/88	ND	0					CE	5	0
707	FLVCT	008B 02		F20948	06/07/88	ND	0					CE	5	0
707	FLVCT	008B 03		F20949	06/07/88	ND	0					CE	5	0
707	FLVCT	009B 01		F20950	06/07/88	ND	0					CE	5	0
707	FLVCT	009B 02		F20951	06/07/88	ND	0					CE	5	0
707	FLVCT	009B 03		F20952	06/07/88	ND	0					CE	5	0
707	FLVCT	010B 01		F20953	06/07/88	ND	0					CE	5	0
707	FLVCT	010B 02		F20954	06/07/88	CH	TRA					CE	5	
707	FLVCT	010B 03		F20955	06/07/88	CH	TRA					CE	5	
707	FLVCT	011B 01		F20956	06/07/88	ND	0					CE	5	0
707	FLVCT	011B 02		F20957	06/07/88	ND	0					CE	5	0
707	FLVCT	011B 03		F20958	06/07/88	ND	0					CE	5	0
707	FLVCT	012B 01		F20959	06/07/88	ND	0					CE	5	0
707	FLVCT	012B 02		F20960	06/07/88	ND	0					CE	5	0
707	FLVCT	012B 03		F20961	06/07/88	ND	0					CE	5	0
707	FLVCT	013B 01		F20962	06/07/88	CH	TRA					CE	5	
707	FLVCT	013B 02		F20963	06/07/88	ND	0					CE	5	0
707	FLVCT	013B 03		F20964	06/07/88	ND	0					CE	5	0
707	FLVCS	014B 01		F20965	06/07/88	ND	0					CE	30	0
707	FLVCS	014B 02		F20966	06/07/88	ND	0					CE	30	0
707	FLVCS	014B 03		F20967	06/07/88	ND	0					CE	30	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE: TRA = Less than 1% | AC - Actinolite | AM - Amosite | FG - Fiberglass
0 = Not Detectable | AN - Anthophylite | CE - Cellulose
NA = Not Applicable | CR - Crocidolite | OT - Other
ND = Not Detected | TR - Tremolite | MW - Mineral Wool
NV = No Visible Fibers | CH - Chrysotile | SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 060806

BLDG ID	SYSID	SITE XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
707	CLLI	015B	01	F20968	06/07/88	ND	0					CE	40	0
707	FLVCT	016B	01	F20969	06/07/88	ND	0					CE	5	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE:
- TRA = Less than 1%
- 0 = Not Detectable
- NA = Not Applicable
- ND = Not Detected
- NV = No Visible Fibers

- AC - Actinolite
- AN - Anthophylite
- CR - Crocidolite
- TR - Tremolite
- CH - Chrysotile
- AM - Amosite
- FG - Fiberglass
- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

Analyzed by: [illegible] Approved by: [illegible]

Date: 12/20/88 Date: [illegible]

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 091212

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
120	PI	001B	01		G10797	09/08/88	AM	40	CH	20					60
120	PI	001B	02		G10798	09/08/88	*								
120	PI	001B	03		G10799	09/08/88	*								
120	FI	002B	01		G10800	09/08/88	AM	40	CH	25					65
120	FI	002B	02		G10802	09/08/88	*								
120	FI	002B	03		G10803	09/08/88	*								
323	FLVCT	101B	01		G10804	09/08/88	ND	0					CE	TRA	0
323	FLVCT	101B	02		G10805	09/08/88	ND	0					CE	TRA	0
323	FLVCT	101B	03		G10806	09/08/88	ND	0					CE	TRA	0
323	FLVCS	102B	01		G10807	09/08/88	ND	0					CE	45	0
323	FLVCS	102B	02		G10808	09/08/88	ND	0					CE	45	0
323	FLVCS	102B	03		G10809	09/08/88	ND	0					CE	45	0
323	FLVCT	103B	01		G10810	09/08/88	ND	0					CE	TRA	0
323	FLVCT	103B	02		G10811	09/08/88	ND	0					CE	TRA	0
323	FLVCT	103B	03		G10812	09/08/88	ND	0					CE	TRA	0
323	FLVCT	104B	01		G10813	09/08/88	ND	0					CE	15	0
323	FLVCT	104B	02		G10814	09/08/88	ND	0					CE	5	0
323	FLVCT	104B	03		G10815	09/08/88	ND	0					CE	5	0
323	FLVCT	105B	01		G10816	09/08/88	CH	5					CE	TRA	5
323	FLVCT	105B	02		G10817	09/08/88	*								
323	FLVCT	105B	03		G10818	09/08/88	*								
323	FLVCT	106B	01		G10819	09/08/88	ND	0					CE	TRA	0
323	FLVCT	106B	02		G10820	09/08/88	CH	TRA					CE	TRA	
323	FLVCT	106B	03		G10821	09/08/88	ND	0					CE	TRA	0
323	FLVCT	107B	01		G10822	09/08/88	ND	0					CE	5	0
323	FLVCT	107B	02		G10823	09/08/88	ND	0					CE	5	0
323	FLVCT	107B	03		G10824	09/08/88	ND	0					CE	TRA	0
323	FLVCT	108B	01		G10825	09/08/88	CH	5					CE	TRA	5
323	FLVCT	108B	02		G10826	09/08/88	*								
323	FLVCT	108B	03		G10827	09/08/88	*								

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE: TRA = Less than 1%; 0 = Not Detectable; NA = Not Applicable; ND = Not Detected; NV = No Visible Fibers

AC - Actinolite; AN - Anthophylite; CR - Crocidolite; TR - Tremolite; CH - Chrysotile

AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: MC (GS, DS, JL) — Approved by: S.K. (MC)

Date: 12 20 88 — Date: 12 [illegible] 88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 091212

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
323	FLVCT	109B	01		G10828	09/08/88	ND	0			CE	TRA			0
323	FLVCT	109B	02		G10829	09/08/88	ND	0			CE	TRA			0
323	FLVCT	109B	03		G10830	09/08/88	ND	0			CE	TRA			0
S142	ATIN	010B	01		G10785	09/08/88	ND	0			CE	90			0
S142	ATIN	010B	02		G10786	09/08/88	ND	0			CE	90			0
S142	ATIN	010B	03		G10787	09/08/88	ND	0			CE	90			0
S142	WLSH	011B	01		G10794	09/08/88	ND	0			SN	15			0
S142	WLSH	011B	02		G10795	09/08/88	ND	0			CE	5			0
S142	WLSH	011B	03		G10796	09/08/88	ND	0			CE	50			0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

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- AC - Actinolite
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- TR - Tremolite
- CH - Chrysotile
- AM - Amosite
- FG - Fiberglass
- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

Analyzed by: NC (SMSM) Approved by: S [illegible]

Date: 12 DEC 88 Date: 12 [illegible]

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 121633

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
S142	CLSH	100B	01		G21548	12/16/88	CH	40			CE	15			40 ✓
S142	WLSH	101B	01		G21549	12/16/88	ND	0			CE	35			0
S142	CLSH	102B	01		G21550	12/16/88	ND	0			CE	15			0
S142	WLSH	103B	01		G21551	12/16/88	ND	0			CE	25			0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE: TRA = Less than 1%; 0 = Not Detectable; NA = Not Applicable; ND = Not Detected; NV = No Visible Fibers

AC - Actinolite; AN - Anthophylite; CR - Crocidolite; TR - Tremolite; CH - Chrysotile

AM - Amosite

FG - Fiberglass; CE - Cellulose; OT - Other; MW - Mineral Wool; SN - Synthetic

Analyzed by: AC, CE, DS, MK — Approved by: [illegible]

Date: 12-20-88 — Date: 12-20-88

Galson Technical Services — SENECA ARMY DEPOT
Project: A8002

LABORATORY ANALYSIS REPORT
-- BULK SAMPLES --

LABORATORY BATCH NO. 880422

BLDG ID	SYSID	SITE	XREF	SPACE	LAB ID	DATE	TYPE 1	PCT	TYPE 2	PCT	TYPE 3	PCT	TYPE 4	PCT	TOT
309	FLVCT	001B	01		F1001A	04/24/88	ND	0					CE	5	0
309	FLVCT	001B	02		F1001B	04/24/88	ND	0					CE	5	0
309	FLVCT	001B	03		F1001C	04/24/88	ND	0					CE	5	0

Method: Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (EPA-600/M4-82-020,12/82) -------- Accuracy to +/- 10%

NOTE:
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- 0 = Not Detectable
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- ND = Not Detected
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- AC - Actinolite
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- TR - Tremolite
- CH - Chrysotile
- AM - Amosite
- FG - Fiberglass
- CE - Cellulose
- OT - Other
- MW - Mineral Wool
- SN - Synthetic

Analyzed by: _____ Approved by: _____

Date: _____ Date: _____