SUPPLEMENTAL PHASE II ENVIRONMENTAL SITE EVALUATION INTERNATIONAL SILVER COMPANY, FACTORY H SITE MERIDEN, CONNECTICUT

PREPARED FOR:
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GZA
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Engineers and Scientists

June 15, 2000
File No. 42381

AMS Advisory Services, Inc.
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Attention: Lawrence Kenney

Re: Supplemental Phase II Environmental Site Evaluation
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Dear Mr. Kenney:

GZA GeoEnvironmental, Inc. (GZA), is pleased to present the results of our Supplemental Environmental Investigation of the above-noted property. The purpose of this study was to supplement previous environmental site assessments by others and to preliminarily evaluate the environmental costs associated with redeveloping the site for light industrial use, including demolition of existing structures. In particular, a survey of Hazardous Building Materials (HBMs) in the existing site structures was performed as part of this study. This report summarizes our findings and conclusions.

We note that additional environmental activities will be required prior to redeveloping the property. These activities include additional site investigations to: 1) determine the presence or absence of contamination at certain potential source areas of contamination, as well as to delineate the extent of contamination at other release areas where the presence of contamination has been previously established; and 2) completion of a Remedial Action Plan.

Please call the undersigned if you have any questions. We appreciate the opportunity to assist you with this project.

A Subsidiary of GZA
GeoEnvironmental
Technologies, Inc.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

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1.00 INTRODUCTION

In accordance with our contract dated January 20, 2000, GZA GeoEnvironmental, Inc., (GZA) has completed a Supplemental Phase II Environmental Site Evaluation of the International Silver Company, Factory H property located in Meriden, Connecticut (Site). The Site has a long history of industrial use and was formerly used for the manufacture of flatware, cutlery, metal finishings and guns. This study included a hazardous building material (HBM) survey, review of certain environmental data collected previously by others, and limited additional investigation of soil and groundwater contamination. The purpose of this study was to preliminarily evaluate environmental costs associated with property redevelopment, and to develop additional environmental data (within the limits of the project budget) for use in the future preparation of a Remedial Action Plan (RAP) for the property. The most significant component of this study was the completion of the HBM survey. Abatement of HBMs is expected to represent a significant redevelopment cost. Previously collected data was inadequate to estimate the cost.

As discussed in detail in this report, additional environmental activities will be required prior to redeveloping the property, likely including: 1) additional site investigation; 2) completion and submittal of the RAP; 3) preparation of construction plans and specifications detailing the mitigation measures presented in the RAP; 4) execution of the RAP in accordance with the plans and specifications; 5) application of Environmental Land Use Restrictions; and 6) verification by a Licensed Environmental Professional (LEP) or the Department of Environmental Protection (DEP) that the Site is in compliance with Connecticut's Remediation Standard Regulations (RSRs).

This report presents the results of our study, including: 1) a description of observed HBMs; 2) a summary of potential contamination source areas and subsurface conditions observed by GZA and others; and 3) a discussion of our preliminary estimate of environmental redevelopment costs. Figure 1 presents a Site Locus. Figure 2 presents a Site Plan, including identification of potential sources areas of contamination (PSAs). Table 1 presents the results of soil and groundwater testing performed by GZA. Table 2 presents our preliminary estimate of premium environmental redevelopment costs. A work plan, detailing recommended environmental site investigation tasks and costs is presented under separate cover.

This report is subject to the limitations presented in Appendix A.

1.10 EXISTING SITE CONDITION

The 7.2-acre property is bisected by Harbor Brook, which flows north to south through the property. Three buildings are currently present on the Site, including an approximately 76,000 square feet (s.f.) four-story brick building (Building A; located west of Harbor Brook); a 900 s.f. two-story, brick, former transformer/electrical building (Building B; located east of Harbor Brook); and an approximately 3,600 s.f., two-story, brick, former

power plant and smokestack (Building C; located east of Harbor Brook). Other structures currently present on the Site include an inactive water tower and 19 cyclone dust collectors. Several aboveground and underground storage tanks are also present.

Building A covers almost the entire portion of the property located west of Harbor Brook. The portion of the property east of Harbor Brook is mostly open. Existing grades west of the brook are at or near elevation 120. Grades east of the brook are also generally at elevation 120, sloping to about elevation 110 at the brook. Areas of fill, including soil, miscellaneous fill and construction debris, are present in portions of the property east of Harbor Brook. The majority of the property is located within the 100-year flood elevation (elevation 122 at the southern portion of the property increasing to about elevation 122.5 at the northern portion of the property).

Groundwater at the property as well as the regional area located downgradient of the Site is classified by the Department of Environmental Protection (DEP) as GB, indicating that it is not suitable as a potable water supply. Harbor Brook is a Class B Inland Surface Water, with a designated use for recreation, fish and wildlife habitat, agriculture and industrial supply and other legitimate uses including navigation.

1.20 PROPOSED DEVELOPMENT

The redevelopment alternative currently being considered includes demolition of the existing buildings and structures and redevelopment of the property for light industrial use, with two to three new buildings. Redevelopment may include acquisition of additional property east of the Site. We understand the Town and the Army Corps of Engineers are also considering using the western portion of the Site as part of a municipal flood control program including the demolition of Building A and the creation of flood storage capacity by excavating the portion of the property west of Harbor Brook to about elevation 112.

1.30 PREVIOUS ENVIRONMENTAL SITE INVESTIGATIONS

Previous environmental investigations of the Site have been performed, resulting in the following documents:

- HRP Associates, Inc., *Site Assessment Report*, 21 June 1988.
- Advanced Environmental Interface, Inc., *Assessment of Site Environmental Conditions Report*, 24 January 1990.
- ICF Kaiser Engineers, Inc., *Underground Storage Tank Sampling Report*, 17 December 1990.
- Roy F. Weston, Inc., *Removal Program Preliminary Assessment/Site Investigation Report*, 22 December 1997.

- Roy F. Weston, Inc., *International Silver Co., Factory H, Brownfields Targeted Site Assessment Final Report*, 8 September 1999.

- Milone & MacBroom, Inc., *Harbor Brook Flood Control Study*, 28 May 1999.

- Roy F. Weston, Inc., *Cleanup Summary Memorandum for the International Silver Brownfields Targeted Site Assessment*, 23 August 1999.

The previous investigations identified potential source areas of contamination (e.g. underground storage tanks) and included: 1) subsurface investigations, collection and analyses of soil, sediment, groundwater and surface water, and soil gas surveys; 2) limited sampling for asbestos; and 3) limited sampling of existing tanks and 55-gallon drums.

The results of these investigations (except the Milone & MacBroom test results) are summarized in the 1999 Weston report. As presented in this report, approximately 25 known or potential sources of soil and/or groundwater contamination have been identified, including underground storage tanks, above-ground storage tanks, 55-gallon drums, debris and fill piles, baghouse dust piles, stained concrete and soil surfaces, and an extensive area of soil and groundwater contamination. Most of these areas have not yet been fully investigated or characterized.

The results of the previous investigations are discussed in more detail in section 4.00 of this report. Environmental investigations have also been performed at the abutting Veterans Memorial Medical Center. However, we were not successful in obtaining data from those investigations.

2.00 SCOPE OF WORK

GZA performed the following scope of work as part of this study:

Task 1: Hazardous Building Material Surveys

GZA retained EnviroMed, Inc., of New Haven, Connecticut to review available asbestos survey data and perform HBM surveys of the three on-site buildings, including identification of suspect HBMs and estimation of the approximate quantities and abatement costs of these materials.

Task 2: Work Plan and Additional Site Investigation

GZA reviewed the site conditions and environmental data collected previously by others, relative to Connecticut's Remediation Standard Regulations (RSRs). Specifically, GZA reviewed the information presented in the 1999 Weston report and the data collected by Milone & MacBroom. Based on this review, GZA prepared a preliminary scope of work and cost to complete supplemental investigations (presented under separate cover) that will

be necessary to prepare the RAP, evaluate and/or demonstrate compliance with the RSRs, and prepare construction plans and specifications.

Within the funds available for this phase of work, GZA also completed limited additional site investigation, including:

- a site reconnaissance to observe potential source areas of contamination (identified by others during previous site investigations) that may result in premium environmental site development costs; and

- sampling and analyses of: 1) groundwater from an existing site monitoring well; and 2) three shallow soil samples. The groundwater sample was collected using low flow sampling techniques from one of three monitoring wells (MW-3) located within the southern portion of Building A. These wells were installed by Milone & MacBroom, Inc. as part of the Harbor Brook Flood Control Project; we understand that groundwater was never sampled. Limited environmental data is available within Building A. The rationale for the well locations is unknown; however it appears that this is the most easily accessed portion of the building. The groundwater samples were analyzed for total RCRA 8 metals and aromatic and halogenated volatile organic compounds (VOCs). GZA also collected three shallow (0 to 2 feet) soil samples in the vicinity of the dust collectors and a former transformer pad in order to better characterize soil quality at these locations. The soil samples were analyzed for RCRA 8 metals and polychlorinated biphenyls (PCBs).

The results of GZA's sampling program are presented in Table 1.

As noted above, additional site investigation is required; however, the budget for this study did not allow for more investigation to be completed at this time.

Task 3: Estimate of Environmental Costs

Based on the results of Tasks 1 and 2, GZA identified key environmental redevelopment issues and preliminarily estimated environmental costs associated with redevelopment of the property for light industrial reuse.

3.00 RESULTS OF THE HAZARDOUS BUILDING MATERIAL SURVEY

GZA's subcontractor, EnviroMed Services, Inc., performed an inspection of the three on-site buildings to identify the presence of asbestos, lead, and other hazardous materials. If identified at concentrations exceeding acceptable disposal criteria for construction and demolition waste (municipal solid waste), these materials will require abatement prior to building demolition and special disposal requirements.

Based on visual observations made by a state-licensed asbestos inspector, representative samples of materials suspected of containing asbestos were analyzed for asbestos content at EnviroMed's accredited asbestos laboratory. The following asbestos-containing materials were identified in Building A: pipe insulation, elbow and fitting insulation, tank insulation, floor tile and mastic, transite, built-up roofing materials, flashing cement, and window caulk. The following asbestos containing materials were identified in Building B: pipe and fitting insulation, elbow and fitting insulation, built-up roofing (assumed) and flashing cement (assumed). The following asbestos containing materials were identified in Building C: pipe and fitting insulation, rope gasket material, tank insulation, boiler burner caulk, breaching insulation, boiler insulation, built-up roofing, flashing cement, oil tank surfacing, and window glazing. It is noted that fragments and pieces of asbestos containing materials are located on the floor surfaces throughout Buildings A and C.

With regard to possible lead contamination, a direct read spectrum analyzer (x-ray fluorescence analysis or XRF) was used to analyze painted surfaces for the presence of lead at toxic levels, as defined by the Connecticut Lead Regulations. Representative samples of building materials that exceeded the toxic level criteria were sampled and analyzed for lead using the toxicity characteristic leaching procedure (TCLP). The following materials were identified in Building A as having lead TCLP levels requiring disposal as hazardous lead waste: painted wood windows, doors and trim; and painted brick walls. Materials in Buildings B and C were not identified as containing hazardous lead waste.

The following regulated or hazardous materials were also identified in Building A: fluorescent lighting fixture ballasts (potential for PCBs or diethyl hexyl phthalate [DEHP]) fluorescent lamp bulbs, several drums, possible oil residue in a sump pump, residual oil staining on the floor, mercury switches, paint containers, transformers (potential PCBs), dust collector residue, pails of roofing cement, possible corrosive and exhaust residues, and black ash. Fluorescent fixtures (potential PCBs, DEHP, and mercury) were identified in Building B. The following regulated or hazardous materials were also identified in Building C: oil pump, lines, and staining; gas/oil fired furnaces; and fluorescent fixtures (potential PCBs, DEHP and mercury).

Details of the HBM survey are presented in Appendix B. In addition to the identified HBMs, building surfaces impacted by releases of hazardous substances (i.e. PCBs from transformer releases) may be present. The potential for this impact should be investigated prior to building demolition.

Abatement costs are discussed later in this report.

4.00 SUBSURFACE CONDITIONS

4.10 GEOLOGY AND GEOHYDROLOGY

The following briefly discusses the geology and geohydrology at the Site to provide background relative to fate and transport of known or potential contamination at the Site.

4.10.1 Geology

Review of published geologic information for the Meriden Quadrangle indicates that the Site is underlain by stratified drift deposits, generally consisting of sand, silty sand and fine gravel. The stratified drift deposits are underlain by New Haven Arkose bedrock. Regional bedrock structure indicates inclined bedding and stratigraphy, dipping downward from the northwest to the southeast. The "Contour Map of the Bedrock Surface, Meriden Quadrangle; U.S. Department of the Interior Geological Survey; 1976" indicates that the Site is located in a bedrock trough with the elevation of the bedrock surface dipping from the southeast to the northwest. The top of bedrock (relative to Mean Sea Level) at the eastern portion of the Site is indicated to be approximately elevation 75. At the western portion of the Site, the top of bedrock is indicated to be at elevation 50 or lower.

Review of test boring logs prepared by Weston indicate that overburden materials at the Site consist of the following strata:

- up to approximately 7 feet of fill was identified in the logs for borings MW-8 and MW-10. The fill consisted of sand, silt and gravel. A thin layer of coal slag and cinders was noted in MW-10.

- granular soil was observed beneath the fill or ground surface in all of the test borings, extending to the top of bedrock. The soil was predominantly described as fine to medium sand or silty sand.

- a clayey silt layer was observed from a depth of approximately 10 feet to about 30 feet in boring MW-13.

Three Weston borings were advanced to drilling refusal on bedrock, which was encountered at depths of 46 feet (MW-14), 47.5 feet (MW-12) and 63 feet (MW-13).

4.10.2 Geohydrology

Weston completed a groundwater elevation survey for the portion of the Site located east of Harbor Brook. This survey indicates that overburden groundwater east of Harbor Brook flows in a west-southwest direction, towards the brook, with a flow gradient of approximately 0.006.

Groundwater flow direction west of Harbor Brook has not been established. However, based on the relatively flat ground surface and the proximity of Harbor Brook, it is likely that shallow groundwater at this portion of the property flows in an easterly direction, towards Harbor Brook.

Groundwater was typically encountered at depths of 5 to 10 feet below existing ground surface.

Regionally, overburden groundwater from the Site is expected to flow preferentially to the west-southwest along the narrow band of valley train stratified drift deposits, likely discharging to Hanover Pond, located approximately one mile southwest of the Site.

4.20 POTENTIAL AND KNOWN SOURCE AREAS

Numerous potential and known source areas (PSAs) of soil and groundwater contamination have been identified at the Site previously by others. These areas are indicated on Figure 2. Some, but not all, of these areas have been investigated for the presence or absence of contamination. The following, based principally on our review of the 1999 Weston report, briefly discusses each of these areas. This discussion is presented to provide background for our preliminary estimate of environmental redevelopment costs.

4.20.1 Two 1 20,000-Gallon USTs (PSA-1)

Two 20,000-gallon storage tanks are located east of Building C. The tanks have been identified as underground storage tanks in previous site investigation reports. Reportedly, testing by ICF Kaiser Engineers, Inc. (ICF) identified the contents of the tanks as diesel fuel. Constituents of concern with diesel fuel include total petroleum hydrocarbons (TPH) and aromatic VOCs. The tanks were also reportedly pumped out (circa 1990). Discharges from the tanks could potentially have resulted in localized soil contamination, light non-aqueous phase liquids (NAPL) and groundwater contamination. Groundwater contamination would be expected to migrate with groundwater flow towards Harbor Brook. Due to the distance of the tanks from Harbor Brook (200 feet) and the relatively flat groundwater gradient observed at the Site, some natural attenuation of a plume prior to discharge to Harbor Brook would be expected.

No subsurface investigations have been performed at the tank locations to investigate potential releases from the tanks and to determine the presence or absence of contamination. Several subsurface investigations have been performed in the vicinity of the tanks. Findings of these investigations include the following:

- a soil gas survey was performed near the tanks, with soil gas extraction points located north and northeast of the tanks. Low levels of aromatic VOCs, including benzene, toluene and xylenes, were detected in soil gas points located next to the tanks (Weston survey points 1+A50 and 1+A75; see Figure 2).

- hydrocarbon soil staining was observed in a sample collected at the groundwater interface from test boring MW-10 located approximately 20 to 40 feet east [upgradient] of the tanks. Elevated levels of TPH were detected in this soil sample. However, neither aromatic VOCs nor TPH were detected in groundwater collected from this shallow monitoring well.

- neither aromatic VOCs nor TPH were detected in groundwater collected from either a shallow overburden monitoring well (MW-2) or a deep overburden monitoring well (MW-13) located approximately 160 feet west-southwest (downgradient) of the tanks.

Based on the observed soil gas data, it appears that a release of petroleum hydrocarbons has occurred in the vicinity of the tanks, although the tanks have not been confirmed as the source of the observed contamination. Groundwater contamination was not observed in the existing wells; however, no wells have been installed immediately downgradient of the tanks.

4.20.2 One 1,000-Gallon UST (PSA-2)

A 1,000 gallon UST is present at the southeast corner of Building A, adjacent to Harbor Brook. Reportedly, testing by ICF identified the tank contents as kerosene. The tank contents were also reportedly pumped out (circa 1990). Constituents of concern associated with kerosene include aromatic VOCs. Discharges from this tank could result in localized soil contamination, NAPL and groundwater contamination. Due to the proximity of the tank to Harbor Brook, we expect that contaminated groundwater would discharge to Harbor Brook.

No subsurface explorations have been performed at the tank location.

4.20.3 One 10,000-Gallon UST (PSA-3)

A 10,000-gallon UST is located adjacent to and east of Harbor Brook, north of Building B. The tanks were reportedly used for the storage of metal finishing rinse and wastewater. The tank contents, which were tested by Advanced Environmental Interface (AEI) (1990), reportedly contained silver and lead (unknown quantities), and were slightly alkaline. It is not known if the contents of the tank were pumped out. Constituents of concern associated with the wastewater likely include metals and aromatic and halogenated VOCs. Discharge from this tank would likely result in localized areas of soil contamination, and groundwater contamination. Due to the proximity of the tank to Harbor Brook, it is expected that contaminated groundwater would discharge to Harbor Brook.

No subsurface investigations have been performed at the tank location.

4.20.4 UST - South of Building C (PSA-4)

A UST of unknown size is reportedly located south of Building C. ICF identified the contents of the tank as gasoline. Reportedly, the tank was pumped out (circa 1990). Constituents concern associated with gasoline include lead, MTBE and aromatic VOCs.

Discharges from this tank could potentially result in localized soil contamination, light NAPL and groundwater contamination. Similar to the nearby 20,000-gallon diesel fuel tanks, groundwater contamination would be expected to migrate towards Harbor Brook, with some natural attenuation of a groundwater plume.

No subsurface investigations have been performed at or downgradient of the tank.

4.20.5 USTs - Southeast of Building A (PSA-5)

Additional USTs, of unknown size and content, are reportedly located southeast of Building A. The presence of these tanks has not been confirmed.

Due to the proximity of these tanks to Harbor Brook, discharges from these tanks would likely discharge to Harbor Brook.

No subsurface explorations have been performed at the location of these tanks.

4.20.6 USTs - Northeast Side of Building A (PSA-6)

Five fill pipes were observed along the northern end of the east exterior wall of Building A, indicating the possible presence of USTs. The presence of USTs at these locations has not been confirmed.

A soil gas survey was performed by Weston in the general location of the fill pipes. The aromatic hydrocarbons tested (benzene and toluene) were not detected or detected only at trace levels. Elevated concentrations of halogenated hydrocarbons (trichloroethene and tetrachloroethene) were detected, with the highest concentration at soil gas extraction point 5+100. These constituents appear to be widespread in groundwater throughout the Site; their presence in soil gas is as such, not necessarily indicative of a UST release. However, the fact that significantly greater concentrations of these constituents were detected at one location indicates the likelihood of a release at or near this location. Activities at Building A likely utilized substances containing those constituents.

Due to the proximity of these tanks to Harbor Brook, discharges from these tanks would likely discharge to Harbor Brook.

No additional subsurface investigations were performed in the vicinity of the fill pipes.

4.20.7 Two 200-Gallon ASTs (PSA-7)

Two, 200-gallon ASTs are present within Building C. The contents of these tanks are unknown. No indications of a release to the floor, or soil and groundwater were observed in vicinity of these ASTs. Releases from these tanks, for the most part, likely be contained by the existing concrete slab.

No subsurface investigations have been performed at the tank locations.

4.20.8 One 1,500-Gallon AST (PSA-8)

One, 1,500-gallon AST is present within Building C. The contents of the tank are unknown. No indications of the release to the floor, or soil and groundwater were observed in the vicinity of this AST. Releases from this tank would, for the most part, likely be contained by the existing concrete slab.

No subsurface investigations have been performed at the tank location.

4.20.9 Two 300-Gallon ASTs (PSA-9)

Two, 300-gallon ASTs were observed within Building A. The contents of these tanks are unknown, however they appeared to be water tanks. No indications of a release to the floor, or soil and groundwater were observed in the vicinity of these ASTs. Release from these tanks would likely be contained by the existing concrete slab.

No subsurface investigations have been performed at the tank locations.

4.20.10 One 150,000-Gallon Water Tower (PSA-10)

An inactive water tower is located south of Building C. Assuming the historical use of this tank was for storage of clean water, the presence of this tank is not considered by GZA to be of environmental concern.

No subsurface investigations have been performed at the location of the water tower.

4.20.11 Several 55-Gallon Drums (PSA-11)

Four empty drums and 7 partially-filled drums were observed previously by others outside the western wall of Building A, and within the southwest portion of Building A. The contents of four drums (the locations of which drums were tested was not indicated in the Weston report) were tested by AEI. One drum contained sludge with ammonia, iron and zinc. Another drum contained metals contaminated waste oil. The third drum contained metal grinding dust. The fourth drum contained lubricating grease. The drums

outside of Building A were not observed by GZA during a recent site reconnaissance. Two, partially filled drums were observed within Building A. Constituents of concern associated with the documented drum contents would include TPH, aromatic and halogenated (typically chlorinated solvent and degreasing compounds) VOCs, metals and PCBs.

A soil gas survey was completed adjacent to the western exterior wall of Building A, in the vicinity of the exterior drums identified previously by others. Low levels of halogenated VOCs (trichloroethene and tetrachloroethene) were detected in soil gas. These constituents are widespread in groundwater across the Site; therefore, their presence in soil gas at this location is not necessarily an indication of releases from the drums. No other subsurface investigations were performed at the drum locations.

4.20.12 Discharge Pipes (PSA-12)

Several pipes, formerly used to discharge wastewater to Harbor Brook from activities within Building A, were observed. Historical discharges from these pipes is of environmental concern if they resulted in significant residual contamination in sediment or to surfaces that are accessible to direct exposure. To evaluate residual contamination, surface water samples were collected and analyzed by HRP and Weston, and sediment surface water and wipe samples (collected on stained areas of the existing stone river wall) were collected and analyzed by Weston. The results of the analyses are presented in Weston's 1999 report.

Three wipe samples were collected and analyzed for PCBs, Priority Pollutant metals, and cyanide (constituents of concern relative to anticipated historical wastewater discharges from Building A). PCBs and cyanide were not detected. Elevated levels of copper, lead, nickel and zinc were detected in the surface staining. Significant remediation of the staining is not expected to be required.

Three surface water samples were collected by HRP (1988) and analyzed for aromatic and halogenated VOCs, and RCRA 8 metals plus copper and nickel. The results of the metals analyses were not presented in the Weston report. Trichloroethene was detected at concentrations of 1 ppb, 2 ppb and 10 ppb at locations upstream, on-Site and downstream of the Site, respectively.

Three surface water samples were also collected by Weston (1999) and analyzed for aromatic and halogenated VOCs, Priority Pollutant metals and cyanide. Metals and cyanide were not detected. Low levels of the halogenated hydrocarbons trichlorethene and cis, 1,2-dichloroethene were detected at each of the locations at concentrations ranging from about 2 to 5 ppb.

Three sediment samples were collected and analyzed for aromatic and halogenated VOCs, Priority Pollutant metals, PCBs and total cyanide. The samples were collected at locations that were upstream, mid-stream and downstream of the Site. Elevated concentrations of chromium, copper, lead, nickel and zinc were detected. These are constituents of concern relative to the historical manufacturing activities at the Site. Low levels of tetrachloroethene and trichloroethene were also detected in two of the sediment samples. The greatest sediment contamination was observed at the upstream sample location.

4.20.13 Dry Well (PSA-13)

A dry well is reportedly located southeast of Building B. The Weston report did not present details about the drywell (i.e. diameter, depth, construction details, etc.). GZA was unable to locate it during a recent site reconnaissance, indicating that it may be covered over. Based on the former manufacturing activities at the Site, constituents of concern associated with the drywell include TPH, aromatic and halogenated VOCs, metals, and cyanide.

A soil gas survey was performed over an approximately 10,000 s.f. area, centered at the reported dry well location. Aromatic VOCs including benzene, toluene and xylenes were detected, indicating a release of these substances. Halogenated VOCs were not detected. Two soil samples were collected from the release area and analyzed for aromatic and halogenated VOCs, PCBs, total and SPLP Priority Pollutant metals, cyanide and Total Petroleum Hydrocarbons (TPH). Low levels of metals, TPH and halogenated VOCs were detected in the soil samples.

Groundwater was sampled in two shallow overburden monitoring wells and one deep overburden monitoring well located within the release area and analyzed for aromatic and halogenated VOCs, dissolved Priority Pollutant Metals and cyanide. The two shallow wells (MW-3 and MW-4) were installed by HRP and originally analyzed during 1988. Low levels of halogenated VOCs including trichloroethene, tetrachlorethene and methylene chloride were detected at that time. MW-3 (and the deep well [MW-14]) were analyzed in 1999. The halogenated VOCs trichloroethene, tetrachloroethene cis-1,2-dichloroethene and trans-1,2-dichloroethene were detected in these wells, with the higher concentrations detected in the deeper well.

Aromatic VOCs, the constituents detected in the soil gas, were not detected in groundwater. The hydrogenated VOCs detected in groundwater, were not detected in soil gas. Based on the available information, it appears that there has been a release of aromatic VOCs at this location. The concentrations of aromatic VOCs in soil do not appear to be great enough to significantly impact groundwater. The halogenated VOCs detected in these wells (with the deeper well presenting the most significant groundwater contamination) indicates a potential release of these constituents from the dry well.

4.20.14 Dust Piles and Contaminated Soil Adjacent to Building A (PSA-14)

A series of 19 cyclone-shaped dust filters are located along the eastern perimeter of Building A. Dust piles are present beneath the filters. One composite sample from the dust piles was collected by HRP (1988) and analyzed for aromatic and halogenated hydrocarbons, Extraction Procedure Toxicity metals plus copper and nickel, and total cyanide. Analytical results for the dust pile composite sample indicated the presence of silver (0.06 ppm), copper (65 ppm) and nickel (46 ppm). HRP also collected composite soil samples from beneath pavement under the dust collectors, and analyzed these for the same constituents. Copper (15 ppm) and nickel (4.2 ppm) were detected in the composite soil samples.

Five dust samples were also collected by Weston (1998) and analyzed for total metals, total cyanide and PCBs. Copper (448,000 ppm), iron (232,000 ppm), zinc (158,000 ppm), nickel (63,600 ppm), chromium (2,610 ppm), manganese (2,030 ppm), silver (558 ppm), lead (498 ppm), barium (171 ppm), cobalt (83.1 ppm), cadmium (53.2 ppm), cyanide (41 ppm) and PCBs (Aroclor 1260-19 ppm) were detected.

GZA (2000) collected additional shallow (0 to 2 feet) soil samples beneath the pavement at three locations between Building A and the dust collectors and analyzed them for total RCRA 8 metals, PCBs and total cyanide. Elevated concentrations of silver, arsenic, chromium, lead were detected. Low levels of PCBs were detected.

4.20.15 Fill Piles (PSAs 15, 16 and 22)

Miscellaneous fill piles are present throughout the Site, including: 1) an approximately 25,000 square foot area of fill located between Buildings B and C; 2) small debris pile containing insulation located south of Building C; and a pile of medical glass slides near the Building loading dock. The fill piles have not been characterized. Based on visual observations indicates that the fill principally consists of soil and construction debris. Some piles reportedly include small amounts of asbestos containing material.

4.20.16 Former Building D and UST Located West of Building D (PSAs 17 and 24)

A building containing a machine shop, a foundry facility and pattern shop was formerly located at the northeast corner of the Site. The building has been demolished and the area regraded. An UST was reportedly located adjacent Building D and may still be present on the Site. The size and contents of the tank are unknown. Based on the manufacturing activities at this location, constituents of concern include aromatic and halogenated VOCs, TPH, metals and cyanide.

Subsurface investigations in the vicinity of former Building D and the UST include an extensive soil gas survey, test borings, shallow and deep overburden monitoring wells and the collection and analysis of soil and groundwater samples.

The soil gas survey identified the presence of halogenated VOCs (in particular tetrachloroethene and trichloroethene). GZA's interpretation of the soil gas survey indicates that there were likely two separate releases of halogenated VOCs, one at the eastern portion of former Building D and one in the vicinity of the UST located west of Building D.

The soil and groundwater sampling and analyses completed to date is not adequate to characterize the release area and plume. However, according to the 1999 Weston memorandum, approximately 14,500 s.f. of soil contaminated with halogenated VOCs is present to a depth of at least 15 feet.

NAPL was not observed in any of the wells in this area. Contaminant concentrations observed in the shallow wells were higher than those observed in the deeper wells.

4.20.17 Building A (PSAs 18, 19, 20, 21 and 23)

Soil and groundwater within and surrounding Building A have not been fully characterized. The 1999 Weston report indicates that details about the specific operations within Building A are unavailable. However, due to the former manufacturing activities, historical releases of hazardous substances and petroleum are possible. Likely constituents of concern include aromatic and halogenated VOCs, TPH, metals, PCBs and cyanide. An approximately 40 s.f. area of stained concrete was observed by others at the north end of Building A. Approximately 30 s.f. of stained wooden floor were observed at the south end of the Building A. Stained soil was also observed east of Building A, between the building and Harbor Brook, and northeast of Building C.

As discussed previously, soil gas surveys were conducted by others, adjacent to the eastern and western exterior building walls. Elevated soil gas concentrations of halogenated VOCs were detected along both sides of the building.

Soil samples were collected from three test borings located within the southern portion of the building (MW-1, 2 and 3) and analyzed for total and SPLP metals and aromatic and halogenated VOCs. Low levels of both aromatic and halogenated VOCs and metals were detected in samples collected from boring MW-3. The results of these analyses are presented in Appendix D. Elevated levels of metals, including arsenic, cadmium, and lead were detected in groundwater in MW-3.

Elevated levels of metals and low levels of PCBs were detected in shallow soil samples in the area between Building A and Harbor Brook (Appendix C).

4.30 COMPARISON TO THE REMEDIATION STANDARD REGULATIONS

In accordance with Section 22a-133k-2 of the RSRs, the criteria that are applicable to the Site for polluted soil include the Direct Exposure Criteria (DEC) and Pollutant Mobility Criteria for a GB groundwater classification area (GBPMC). In accordance with Section 22a-133k-3, the criteria that are applicable to the Site for groundwater include the Volatilization Criteria (VC) and the Surface Water Protection Criteria (SWPC). Section 22a-133k-2(g) applies to the Site relative to the removal of Non-Aqueous Phase Liquids, should these be present.

Numerous potential source areas for contamination have been identified. As discussed previously, many of these have not been investigated for the presence or absence of contamination. Additional investigation of these areas are required. At the remaining source areas, releases have been identified. However, the degree and extent of contamination at these identified releases have not been fully characterized. Therefore, comparison to the RSRs is not possible at this time. However, for the purpose of preliminarily estimating environmental redevelopment costs, we have made the following preliminary comparison of the available data to the RSRs:

- releases of halogenated VOCs to soil and groundwater have been documented in the vicinity of former Building D. Concentrations of these constituents were detected in soil gas and groundwater at concentrations exceeding Volatilization Criteria.

- the halogenated VOC vinyl chloride was also detected in groundwater at the northeastern corner of Building A at concentrations exceeding Volatilization Criteria.

- soil contamination at concentrations exceeding DEC and/or GBPMC is expected at some or all of the potential source areas. Soil testing completed to-date has identified only minor and localized soil contamination.

- sitewide exceedances of the SWPC were not observed. Tetrachloroethene was detected in MW-14 (a deep overburden monitoring well) at concentrations exceeding the numerical criterion. Metals were detected in groundwater at one location at concentrations exceeding the established numerical criteria. (Note that while metals were tested for in all the groundwater samples, most analyses were for dissolved, and not total, metals. Re-analysis of groundwater samples for total metals may indicate additional exceedance of SWPC). Additional investigation is required to evaluate whether the SWPC is exceeded.

- NAPL was not encountered in any of the wells installed on-Site.

4.3.1 Sediment Quality

The RSRs do not provide numerical regulatory criteria relative to sediment quality. Elevated levels of metals have been detected in the Harbor Brook sediment, at upstream and downstream locations. These metals include chromium, copper, lead, nickel and zinc.

Site-specific ecological risk assessments are required to evaluate the impact to the environment due to metals in the brook sediment. Several metals were detected at concentrations which may effect sediment use by benthic organisms. The most significantly impacted sediment was located at a location upstream of the Site.

5.00 ENVIRONMENTAL REDEVELOPMENT COSTS

GZA has completed a preliminary estimate of environmental redevelopment costs. This estimate is based on our review of information collected by others as well as information collected by GZA and GZA's subconsultant during this study. We have assumed that the remedial goal for the Site is compliance with the RSRs. As discussed in previous sections of the report, additional investigation is required to characterize soil and groundwater contamination. Completion of this investigation is required in order to prepare more accurate cost estimates. In particular, based on our review and interpretation of the available information, we have assumed that certain remedial activities (i.e. on-site or off-site groundwater remediation and brook sediment remediation) will not be required. Should it be determined later that these activities are required, the estimated costs presented here will change.

Environmental issues associated with redevelopment include:

- Abatement of hazardous building materials and demolition of the existing structures;
- Removal of existing aboveground and underground storage tanks;
- Removal of existing miscellaneous fill; and
- Remediation or mitigation of polluted soils and groundwater.

GZA's preliminary cost estimate is summarized on Table 2. The estimate assumes the following:

- Additional remedial investigation and design will be required.

- The assumed property redevelopment details were based on the drawing titled, "Industrial Reuse Plan, Cooper Street Project, Meriden, CT," by North American Realty Advisory Services, L.P. For this alternative, approximately 32 percent of the 7.2-acre site is covered by buildings; approximately 42 percent is asphalt parking areas; approximately 16 percent is landscaped; and the remaining 11 percent is the area occupied by Harbor Brook.

- Prior to building demolition, the following materials would require abatement: asbestos containing materials; lead painted windows, doors, walls, and columns; electrical ballasts; fluorescent light tubes; transformers oil; mercury containing switches; oil pump and lines; miscellaneous containers; oil stained surfaces; and residues.

- The 55-gallon drums would be classified and disposed of as hazardous waste.

- The dust piles beneath the dust collectors would also be removed and disposed. For estimating purposes, the dust piles were assumed to be classified as hazardous waste.

- Building demolition costs assume complete building and aboveground structure (i.e., smoke stack and water tower) and foundation removal and off-site disposal of all building materials.

- Storage tank removal includes tank cleaning and soil testing required by the CTDEP and assumes that approximately 1,000 tons of contaminated soil around the tanks will require excavation and off-site disposal. The assumed quantity for off-site disposal is an allowance for all tanks and is assumed to be 50 percent due to TPH contamination and 50 percent due to VOC contamination. Also for estimating purposes, the tanks were assumed to be half full.

- Soil pollution would be managed principally by excavation and recycling/disposal of localized areas of contamination. Regulatory compliance relative to soil contamination would be achieved principally by rendering portions of the property "inaccessible" or "environmentally isolated" through the construction of buildings and/or pavement.

- Based on the information currently available, it was estimated that 5,000 cubic yards of VOC-contaminated soil, 5,000 cubic yards of TPH-contaminated soil and 1,000 cubic yards of metals-contaminated soil will require on-site management, including excavation and replacement on-site. In addition, it was assumed that 500 tons of each soil type will require off-site disposal.

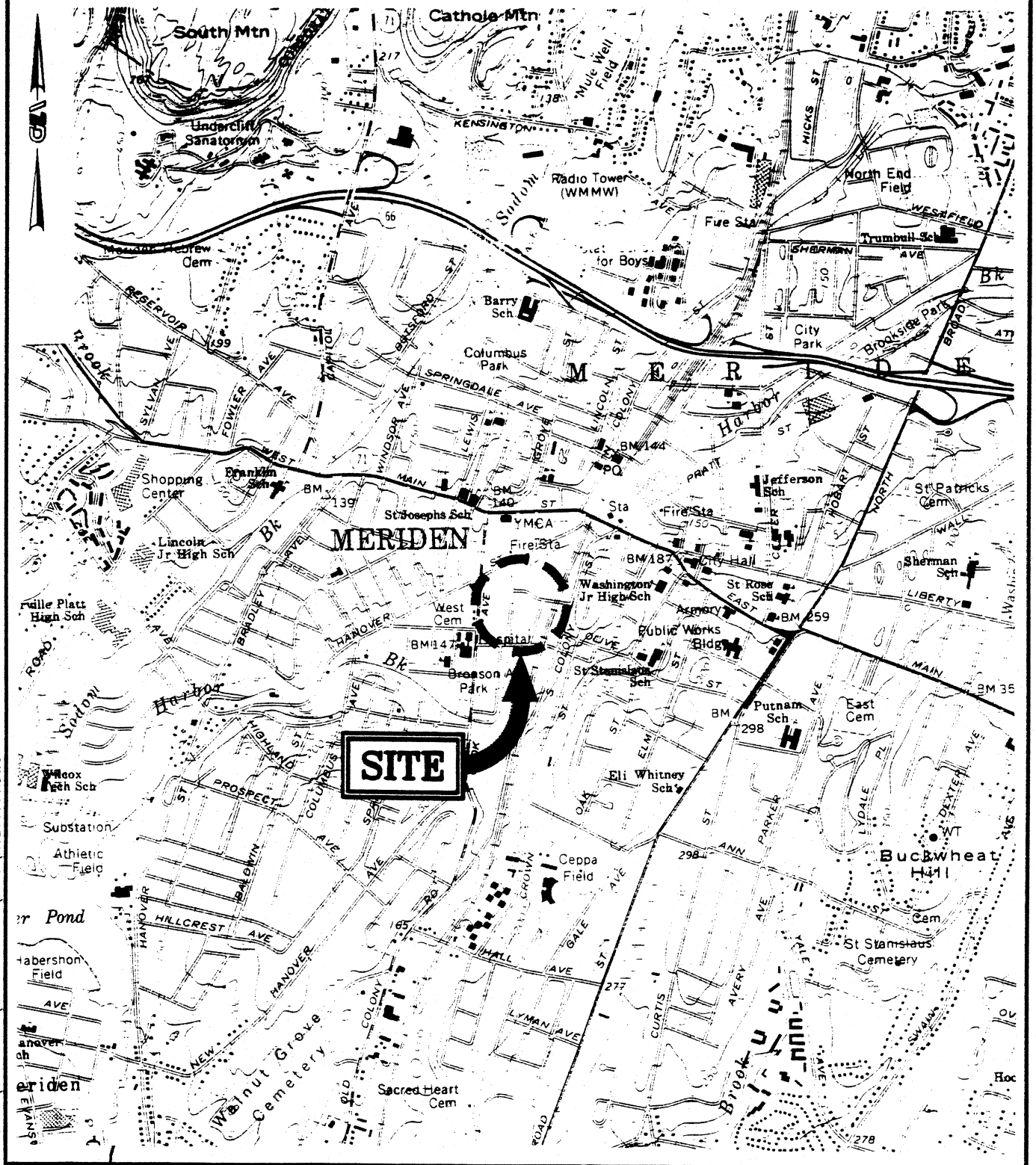
- Some in-situ or on-site ex-situ treatment of VOC-contaminated soil will be required. For cost estimating purposes, we have assumed that the treatment will consist of soil vapor extraction (SVE).

- The topography of the eastern portion of the site has been altered by the placement of miscellaneous fill materials (e.g., soil, stone, and concrete). Based on observation and a recent topographical map of the site, the quantity of stockpiled debris was estimated to be 2,000 cubic yards. It was assumed that this material will be sorted on-site with some material disposed off-site as construction debris.

- It was also assumed that 150 tons of soil and debris from the site would require off-site disposal as hazardous waste.

- Sub-slab venting systems will be incorporated into the construction of the new building to address groundwater contamination that exceeds the SWPC.
- It was assumed that no on-site active groundwater remediation is required.
- It was assumed that no off-site active remediation of groundwater is required.
- It was assumed that no remediation of stream sediment is required.
- Legal and insurance costs were not included.

As indicated on the Table 2, the estimate of premium environmental costs associated with redevelopment of the property is on the order of $2.8 million (without contingency). We note that this estimate presents our opinion of the likely cost, based on the available information. It does not present the "most conservative cost". This estimate is presented for preliminary planning purposes and is subject to change pending completion of additional site investigation.



1"=2000'

0 1000' 2000' 4000'

SOURCE: U.S.G.S. MERIDEN, CT QUADRANGLE MAP (1992)

GZA	INSILCO MERIDEN, CONNECTICUT	LOCUS PLAN APRIL 5, 2000 FIGURE NO. 1

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TABLE 2

ESTIMATE OF PREMIUM ENVIRONMENTAL REDEVELOPMENT COSTS
INTERNATIONAL SILVER COMPANY, FACTORY H
MERIDEN, CONNECTICUT
PROJECT NO. 42381

Redevelopment Alternative: Light Industrial Use

Redevelopment information based on "Industrial Reuse Plan, Cooper Street Project, Meriden, CT", by North American Realty Advisory Services, L.P.

Assumed Development Details:	Area	Percentage of Site Area
Site Area	7.2 acres	
Building Footprints	100,000 sf	32%
Harbor Brook Area	33,000 sf	11%
Landscaped Area	50,000 sf	16%
Paved Area	130,632 sf	42%

Environmental Premium Costs	Units	Quantity	Unit Cost	Cost	Comments and Assumptions	Location (1)
Remedial Investigation and Design						
Environmental Condition Assessment Form	ls	1	$ 10,000	$ 10,000		Sitewide
Phase II Environmental Site Assessment	ls	1	$ 25,000	$ 25,000	Additional explorations and analyses needed to identify areas of environmental concern.	Sitewide
Phase III Remedial Site Investigation	ls	1	$ 100,000	$ 100,000	Additional explorations and analyses needed to delineate and characterize areas of environmental concern.	Sitewide
Phase III Remedial Action Plan (RAP)	ls	1	$ 25,000	$ 25,000		Sitewide
Remedial Design (Drawings and Specifications)	ls	1	$ 120,000	$ 120,000	Based on five percent of estimated environmental premium construction costs.	Sitewide
Final Remedial Action Report (FRAR)	ls	1	$ 20,000	$ 20,000		Sitewide
Remedial Investigation and Design Subtotal				**$ 300,000**		
Building Demolition						
Building A						
Abate asbestos	ls	1	$ 210,000	$ 210,000		West
Abate lead containing materials	ls	1	$ 35,000	$ 35,000	Includes painted windows, doors, walls, and columns.	West
Abate other hazardous building materials	ls	1	$ 30,000	$ 30,000	Includes electrical ballasts, fluorescent light tubes, transformer oil, mercury containing switches, oil stains, containers, and residues in Building A.	West
Remove and dispose dust piles	ls	1	$ 5,000	$ 5,000	Includes characterization and off-site disposal as hazardous waste.	West
Demolish buildings and aboveground structures	ls	1	$ 650,000	$ 650,000	Includes foundation removal and off-site disposal of all building materials.	West

TABLE 2

ESTIMATE OF PREMIUM ENVIRONMENTAL REDEVELOPMENT COSTS
INTERNATIONAL SILVER COMPANY, FACTORY H
MERIDEN, CONNECTICUT
PROJECT NO. 42381

Environmental Premium Costs	Units	Quantity	Unit Cost	Cost	Comments and Assumptions	Location (1)
Buildings B and C						
Abate asbestos	ls	1	$ 87,000	$ 87,000		East
Abate other hazardous building materials	ls	1	$ 2,000	$ 2,000	Includes electrical ballasts, oil stains, oil pump and lines, containers, and residues in Buildings B and C.	East
Demolish buildings and aboveground structures	ls	1	$ 50,000	$ 50,000	Includes foundation, smoke stack and water tower removal and off-site disposal of all building materials.	East
Building Demolition Subtotal				**$ 1,069,000**		
Storage Tanks Removal						
Remove and dispose USTs & ASTs	ls	1	$ 52,000	$ 52,000	Includes tank cleaning and soil testing requirements per CT DEP regulations, does not include contaminated soil excavation or disposal costs. Assumes USTs are half full and off-site disposal of tank contents is required.	West
1,000-gallon kerosene UST						
7 possible USTs, unknown size and use					Assumed size of 5,000 gallons.	
2 300-gallon ASTs, unknown use						
Remove and dispose USTs & ASTs	ls	1	$ 85,000	$ 85,000	Includes tank cleaning and soil testing requirements per CT DEP regulations, does not include contaminated soil excavation or disposal costs. Assumes USTs are half full and off-site disposal of tank contents is required.	East
2 20,000-gallon diesel USTs						
10,000-gallon finishing rinse and wastewater UST						
Unknown size gasoline UST					Assumed size of 5,000 gallons.	
1 possible, unknown size and use					Assumed size of 5,000 gallons.	
2 200-gallon ASTs, unknown use						
1,500-gallon AST, unknown use						
Storage Tanks Removal Subtotal				**$ 137,000**		
Remedial Compliance Actions						
Contractor PPE	months	2	$ 2,500	$ 5,000	5 workers per day at $25 per worker	
Decontamination area	months	2	$ 7,500	$ 15,000	Includes construction, maintenance, equipment, and labor	Sitewide
Remove dry well and dispose	ls	1	$ 5,000	$ 5,000	Includes characterization and off-site disposal.	East
Excavate contaminated soil	cy	550	$ 4.00	$ 2,200	Polluted soil excavated as part of tank removal activities. Assumed 20 cy per UST.	Sitewide
Place clean soil	cy	550	$ 20	$ 11,000		Sitewide
Pavement premium	sy	14,500	$ 1	$ 14,500	An additional 0.5 inch of pavement needed to meet the RSRs.	Sitewide
Install subslab venting system	sf	100,000	$ 1	$ 100,000		Sitewide
Remediation and health and safety oversight	months	2	$ 25,000	$ 50,000	One person full time, includes monitoring equipment and PPE.	Sitewide

POTENTIAL SOURCE AREAS OF CONTAMINATION

1. 2 20,000–GALLON DIESEL OIL UST'S
2. 1 1,000–GALLON KEROSENE UST
3. 1 10,000–GALLON WASTEWATER UST
4. 1 GASOLINE UST
5. CURBED AREAS INDICATING POSSIBLE UST LOCATIONS
6. FILL PIPES INDICATING POSSIBLE 5 UST LOCATIONS
7. 2 200–GALLON AST'S
8. 1 1,500–GALLON AST
9. 2 300–GALLON AST'S
10. 1 150,000–GALLON AST (WATER TOWER)
11. 55–GALLON DRUMS (APPROXIMATELY 12)
12. DISCHARGE PIPES (INCLUDING CONTAMINATED SEDIMENT)
13. DRY WELL
14. DUST PILES BENEATH DUST COLLECTORS
15. EARTHEN MATERIAL, SCRAP, DEBRIS PILES
16. DEBRIS PILE (GLASS MEDICAL SLIDES)
17. SOLVENT–CONTAMINATED SOIL (FORMER BUILDING D)
18. FUEL OIL–STAINED SOIL (15 SQ. FT.)
19. GREEN–STAINED SOIL BENEATH DUST PILES (1,600 SQ. FT.)
20. OIL–STAINED WOOD FLOOR (30 SQ. FT.)
21. STAINED CONCRETE (40 SQ. FT.)
22. PILE OF INSULATION MATERIAL (10 SQ. FT.)
23. PAINT–STAINED SOIL (10 SQ. FT.)
24. POSSIBLE UST IDENTIFIED BY ICF KAISER ENGINEERS, INC.

NOTES

1) BASE MAP DEVELOPED FROM PLAN PROVIDED BY MILONE AND MACBROOM, INC., DATE AND SCALE UNKNOWN.

2) LOCATION OF EXPLORATIONS FROM PLAN PROVIDED BY WESTON MANAGERS, DESIGNERS/CONSULTANTS ENTITLED "SAMPLE LOCATION PLAN, INTERNATIONAL SILVER CO., FACTORY H, COOPER STREET, MERIDEN, CONNECTICUT" DATED JULY 10, 1997 NOT TO SCALE, FIGURE 3.

3) MONITORING WELLS MW–1 THROUGH MW–5 INSTALLED BY HRP ASSOCIATES, INC.

4) MONITORING WELLS MW–6 AND MW–5 INSTALLED BY ICF KAISER ENGINEERS, INC.

5) SOIL GAS SURVEY BY ROY F. WESTON

6) POTENTIAL SOURCE AREAS OF CONTAMINATION IDENTIFIED BY WESTON MANAGERS, DESIGNERS/CONSULTANTS AND PRESENTED IN THEIR REPORT ENTITLED "INTERNATIONAL SILVER CO., FACTORY H, BROWNFIELDS TARGETED SITE ASSESSMENT, FINAL REPORT" DATED 9/8/99.

LEGEND

- MW–8 — SHALLOW OVERBURDEN MONITORING WELL (1988 & 1998)
- MW–14 — DEEP OVERBURDEN MONITORING WELL (1998)
- MW–4 — DESTROYED OVERBURDEN MONITORING WELL (1988)
- WPE–1 — RETAINING WALL SAMPLE LOCATION (1998)
- SW–1 SD–1 — WESTON SEDIMENT & SURFACE WATER SAMPLE (1998)
- HRP SEDIMENT SAMPLE (1988)
- TB–2 — HRP SOIL BORING (1988)
- MW–1 — MONITORING WELL BY MILONE & MacBROOM (1999)
- SOIL GAS SAMPLE (1998)
- VMMC MW–2 — MONITORING WELL ON ADJACENT VMMC PROPERTY (DATE UNKNOWN)
- GZSS–1 — SHALLOW SOIL SAMPLE COLLECTED BY GZA DURING ARPIL 2000
- T — TRANSFORMER
- UNDERGROUND STORAGE TANK (UST)
- (1) — LOCATION OF SOIL GAS SURVEY (WESTON. 1998)
- (1) — POTENTIAL SOURCE AREA OF CONTAMINATION

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REV#	DESCRIPTION	BY	DATE

1"=40' (0, 20', 40', 80')

GZA GeoEnvironmental, Inc.

DESIGNED BY: DCS/DW
CHECKED BY:
REVIEWED BY:
DRAWN BY: MJS
SCALE: 1"=40'
DATE: APR. 5, 2000

INSILCO FACTORY
MERIDEN, CONNECTICUT

POTENTIAL SOURCE AREAS OF CONTAMINATION/ EXPLORATION LOCATION PLAN

PROJECT NO. 42381.0

FIGURE NO. 2

TABLE 2

ESTIMATE OF PREMIUM ENVIRONMENTAL REDEVELOPMENT COSTS
INTERNATIONAL SILVER COMPANY, FACTORY H
MERIDEN, CONNECTICUT
PROJECT NO. 42381

Environmental Premium Costs	Units	Quantity	Unit Cost	Cost	Comments and Assumptions	Location (1)
Soil Management and Disposal						
Characterize soil and debris stockpiles (analytical)	ls	1	$ 30,000	$ 30,000	Testing required for possible on-site use and off-site disposal.	Sitewide
Manage petroleum (TPH)-polluted soil on site	cy	5,000	$ 10	$ 50,000		Sitewide
Manage petroleum (VOC)-polluted soil on site	cy	0	$ 10	$ -		
Manage metals-polluted soil on site	cy	1,000	$ 10	$ 10,000		
Manage VOC (non-petroleum)-polluted soil on site	cy	5,000	$ 10	$ 50,000		
Manage existing miscellaneous debris stockpiles	cy	2,000	$ 10	$ 20,000	Stockpiles include soil, stone, and concrete.	Sitewide
Transport and dispose soil						Sitewide
Landfill cover	ton	0	$ 40	$ -		Sitewide
Construction debris	ton	3,700	$ 125	$ 462,500	Material from debris stockpiles.	
Regulated waste - petroleum (TPH)-polluted soil	ton	1,000	$ 60	$ 60,000	Polluted soil from tank removal activities.	Sitewide
Regulated waste - petroleum (VOC)-polluted soil	ton	500	$ 90	$ 45,000	Polluted soil from tank removal activities.	
Regulated waste - metals-polluted soil	ton	500	$ 90	$ 45,000		
Regulated waste - VOC (non-petroleum)-polluted soil	ton	500	$ 90	$ 45,000		
Regulated hazardous waste	ton	150	$ 250	$ 37,500		Sitewide
VOC-polluted soil remediation	ls	1	$ 150,000	$ 150,000	Active remediation of VOC-polluted soil above groundwater table.	
Remedial Compliance Actions Subtotal				**$ 1,207,700**		
Related Costs						
Engineering and construction management	months	2	$ 10,000	$ 20,000		Sitewide
Deed restrictions	ls	1	$ -	$ -	Not included.	Sitewide
Bonding of environmental contractors	ls	1	$ 24,000	$ 24,000	Based on two percent of remedial compliance cost.	Sitewide
Long-term groundwater monitoring	ls	1	$ 20,000	$ 20,000	Required by CT DEP.	Sitewide
Environmental Insurance	ls	1	$ -	$ -	Not included.	Sitewide
Related Costs Subtotal				**$ 64,000**		
Subtotal				**$ 2,777,700**		
Contingency						
Assume 10 percent contingency	ls	1	$ 277,770	$ 277,770		East
Contingency Subtotal				**$ 277,770**		
Total				**$ 3,055,470**		

TABLE 2

ESTIMATE OF PREMIUM ENVIRONMENTAL REDEVELOPMENT COSTS
INTERNATIONAL SILVER COMPANY, FACTORY H
MERIDEN, CONNECTICUT
PROJECT NO. 42381

COST SUMMARY (with rounded values)

Remedial Investigation and Design	**$ 300,000**
Building Demolition	**$ 1,100,000**
Storage Tanks Removal	**$ 150,000**
Remedial Compliance Actions	**$ 1,200,000**
Related Costs	**$ 65,000**
Subtotal	**$ 2,800,000**
Contingency (10 percent)	**$ 280,000**
Total	**$ 3,100,000**

Notes:
1. Location refers to west or east of Harbor Brook, sitewide, or the brook itself.
2. Asbestos and hazardous building material abatement cost estimates provided by GZA's subconsultant, EnviroMed Services, Inc.
3. Building demolition cost estimates based on preliminary contractor estimate and experience on previous projects.

TABLES

TABLE 1

SUMMARY OF GZA SOIL AND GROUNDWATER DATA
INTERNATIONAL SILVER COMPANY, FACTORY H
MERIDEN, CONNECTICUT
PROJECT NO. 42381

SOIL

Detected Substance	Units	GZSSW-1 (0.8 to 1.3 ft.)	GZSSW-2 (1.3 to 1.8 ft.)	GZSSW-3 (1.0 to 1.5 ft.)	RES DEC	I/C DEC
PCBs (Aroclor 1260)	mg/kg	0.21	NA	0.065	1	10
Metals:						
Silver	mg/kg	154	<5.06	28.6	340	10,000
Arsenic	mg/kg	**10.2**	2.57	1.88	10	10
Barium	mg/kg	143	56.4	76.2	4,700	140,000
Cadmium	mg/kg	0.626	<0.405	0.963	34	1,000
Chromium	mg/kg	26.3	9.47	36.4	NE	NE
Mercury	mg/kg	0.109	<0.00839	0.0321	20	610
Lead	mg/kg	114	<6.27	53.1	500	1,000
Selenium	mg/kg	<17.2	<14.2	<15.5	340	10,000
Cyanide	mg/kg	4.4	<1.0	<1.0	1,400	41,000

GROUNDWATER

Detected Substance	Units	MW-3 06-Apr-00	RES VC	I/C VC	SWPC
Volatile Organic Compounds					
cis-1,2-Dichloroethene	ug/l	1.1	NE	NE	NE
Trichloroethene	ug/l	25	219	540	2,340
Metals:					
Silver	mg/l	<0.007	-	-	0.012
Arsenic	mg/l	**0.0338**	-	-	0.004
Barium	mg/l	1.55	-	-	NE
Cadmium	mg/l	**0.006**	-	-	0.006
Chromium	mg/l	0.123	-	-	NE
Mercury	mg/l	<0.0002	-	-	0.0004
Lead	mg/l	**0.206**	-	-	0.013
Selenium	mg/l	<0.005	-	-	0.05

Notes:

1. RES DEC = Residential Direct Exposure Criteria
2. I/C DEC = Industrial/Commercial Direct Exposure Criteria
3. NE = None Established by the Connecticut DEP
4. NA = Not Analyzed
5. ND = Not Detected
6. Pollution mobility criteria for PCBs and metals require TCLP/SPLP results for comparison. TCLP/SPLP analyses not performed on soil samples.
7. RES VC = Residential Volatilization Criteria
8. I/C VC = Industrial/Commercial Volatilization Criteria
9. SWPC = Surface Water Protection Criteria
10. Bold indicates exceedance of Remediation Standard Regulation Numerical Criterion

FIGURES

FIGURES

APPENDIX A
LIMITATIONS

LIMITATIONS

1. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this report was carried out in accordance with the Statement of Terms and Conditions that was attached to the proposal/contract for this project.

2. In preparing this report, GZA has relied on certain information provided by state and local officials and other parties referenced therein, and on information contained the files of state and/or local agencies available to GZA at the time of the site assessment. Although there may have been some degree of overlap in the information provided by these various sources, GZA did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.

3. Observations were made of the site and of structures on the site as indicated within the report. Where access to portions of the site or to structures on the site was unavailable or limited, GZA renders no opinion as to the presence of hazardous material or oil, or to the presence of indirect evidence relating to hazardous material or oil, in that portion of the site or structure. In addition, GZA renders no opinion as to the presence of hazardous material or oil, or to the presence of indirect evidence relating to hazardous material or oil, where direct observation of the interior walls, floor, or ceiling of a structure on a site was obstructed by objects or coverings on or over these structures.

4. The purpose of this report was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous material or oil. No specific attempt was made to check on the compliance of present or past owners or operators of the site with federal, state, or local laws and regulations, environmental or otherwise.

5. The conclusions and recommendations contained in this report are based in part upon the data obtained from a limited number of soil and/or groundwater samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

6. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the site assessment. Where such analyses have been conducted by an outside laboratory, GZA has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these data.

7. The conclusions and recommendations contained in this report are based in part upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. As indicated within the report, some of these data are preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional

chemical data become available in the future, these data should be reviewed by GZA, and the conclusions and recommendations presented herein modified accordingly.

8. Chemical analyses have been performed for specific parameters during the course of this site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.

9. The costs on which the preliminary remediation estimate is based are limited to those conditions which were discovered in carrying out the assessment of subsurface contamination identified in this report. Actual quantities and unit costs will vary. While the preliminary estimate represents our best professional judgment in this matter, it does not represent an absolute worst-case remedial cost estimate. The preliminary estimate includes only those cost items identified, and should not be assumed to include other costs such as legal, administrative or permitting costs.

10. The estimate is based on limited data which may not be sufficient to identify each and every condition existing at the site which may constitute noncompliance with applicable governmental statutes, rules, and regulations or constitute a release of oil or hazardous materials.

11. The preliminary estimate does not include any element with respect to third-party claims, fines, penalties, or other charges which may be assessed against any responsible party because of either the existence of present conditions or the future existence or discovery of any such conditions.

12. This report contains approximate cost estimates for purposes of evaluating alternative remedial programs. These estimates involve approximate quantity evaluations. A preliminary estimate of this nature is likely to vary substantially from Contractors' Bid Prices and is not to be considered the equivalent of nor as reliable as Contractors' Bid Prices. Prices for similar work undertaken in the future will be subject to general and sometimes erratic price increases. The costs of future environmental, technical, and engineering services which may be required to implement any corrective action or remediation or installation of any systems cannot be accurately estimated.

APPENDIX B
ASBESTOS, LEAD AND HAZARDOUS WASTE INSPECTION REPORT

ENVIROMED SERVICES, INC.

Asbestos, Lead and Hazardous Waste Inspection Report

for

International Silver Company
Cooper Street
Meriden, Connecticut

prepared for:

GZA GeoEnvironmental
27 Naek Road
Vernon, Connecticut

February 10, 2000

EnviroMed Project #

IH-00-057

25 Science Park • New Haven, CT 06511
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I. PROJECT NARRATIVE

Overview

On February 10, 2000, a state-licensed inspector from EnviroMed Services, Inc. (EnviroMed) performed an inspection at the International Silver Company, located in Meriden, Connecticut. The purpose of this inspection was to identify the presence of asbestos-containing materials so that any asbestos in suspect building materials could be removed prior to renovation or demolition.

Samples were collected according to 40 CFR Part 763.86 and 29 CFR Part 1926.1101, and analyzed using Polarized Light Microscopy (PLM).

A total of one hundred thirteen (113) bulk samples were collected from Building A (main factory). The bulk materials sampled include: 2" magnesium pipe and associated joint insulation, 4" magnesium pipe and associated joint insulation, 8" magnesium pipe and associated joint insulation, 2" aircell pipe and associated joint insulation, tank insulation, 9"x9 tan vinyl floor tile and mastic, 9"x9" gray vinyl floor tile and mastic, wire insulation, wall plaster top coat, wall plaster base coat, transite board, 9"x9" green vinyl floor tile and mastic, 9"x9" brown vinyl floor tile and tar paper, 9"x9" red vinyl floor tile and tar paper, Section 2 built-up roofing layers 1-4, Section 2 roof flashing layers 1-2, skylight window glazing, skylight built-up roofing layers 1-4, skylight roof flashing layers 1-2, transite siding on skylight wall, Section 3 roof pipe penetration flashing, Section 3 built-up roofing layers 1-3, Section 3 roof flashing layers 1-2, exterior window caulk on Section 3 skylight windows, Section 1 built-up roofing layers 1-3, Section 1 roof flashing cement, Section 3 window glaze, and Section 1-2 window glaze.

A total of forty-nine (49) bulk samples were collected from Building C (Boiler House). The bulk materials sampled include: 2" magnesium silicate pipe and associated joint insulation, 4" magnesium silicate pipe and associated joint insulation, 8" magnesium silicate pipe and associated joint insulation, tank insulation, breaching insulation, boiler insulation, boiler breaching caulk, boiler rope gasket, window glaze, window caulk, oil tank surfacing, roofing layers 1-3, roof flashing, and oil tank mechanical systems roofing shingles and underlying flashing paper.

Refer to Section II, Bulk Sample Location Diagrams, for bulk sample locations and identification.

Summary of Results

EnviroMed Services, Inc. accredited asbestos laboratory (NVLAP #1514) analyzed the bulk samples. Section III presents the complete list of analytical results for samples collected. The following presents the locations and estimated quantities of materials found to contain asbestos greater than 1.0 percent.

Building A, Factory

First Floor

Section 1-3, Factory Floor

This area is contaminated with significant amount of asbestos containing thermal system insulation which is damaged and lying on the ground.

There is approximately 1,600 linear feet of 8" magnesium pipe insulation found to contain 45 percent asbestos, and associated elbow and fitting insulation found to contain 15 percent asbestos.

There is approximately 1,600 linear feet of 4" magnesium pipe insulation found to contain 25 percent asbestos, and associated elbow and fitting insulation found to contain 60 percent asbestos.

There is approximately 1,600 linear feet of 2" magnesium pipe insulation found to contain 40 percent asbestos, and associated elbow and fitting insulation found to contain 58 percent asbestos.

There is approximately 100 square feet of magnesium tank insulation found to contain 40 percent asbestos.

Section 1 Storage B Area

There is approximately 40 linear feet of 2" magnesium pipe insulation found to contain 40 percent asbestos, and associated elbow and fitting insulation found to contain 58 percent asbestos.

Second Floor

Section 2

There is approximately 200 linear feet of 4" aircell pipe insulation found to contain 25 percent asbestos, and associated elbow and fitting insulation found to contain 60 percent asbestos.

There is approximately 200 linear feet of 2" magnesium pipe insulation found to contain 40 percent asbestos, and associated elbow and fitting insulation found to contain number 58 percent asbestos.

Section 3

Offices

There is approximately 400 square feet of 9"x9" red floor tile found to contain 5 percent asbestos. The tar paper under 9" under 9" red vinyl floor tile was found to contain no asbestos.

There is approximately 1,000 square feet of 9"x9" brown floor tile found to contain 13 percent asbestos.

Executive Bathroom

There is approximately 300 square feet of 9"x9" green floor tile and mastic underneath found to contain 7 percent and 22 percent asbestos, respectively.

There is approximately 40 linear feet of 2" magnesium pipe insulation found to contain 40 percent asbestos, and associated elbow and fitting insulation found to contain 58 percent asbestos.

Locker Room # 1

There is approximately 20 linear feet of 2" magnesium pipe insulation found to contain 40 percent asbestos, and associated elbow and fitting insulation found to contain 58 percent asbestos.

There is approximately 20 linear feet of 4" magnesium pipe insulation found to contain 25 percent asbestos, and associated elbow and fitting insulation found to contain 60 percent asbestos.

Locker Room # 2

There is approximately 15 linear feet of 2" magnesium pipe insulation found to contain 40 percent asbestos, and associated elbow and fitting insulation found to contain 58 percent asbestos.

There is approximately 5 linear feet of 2" aircell pipe insulation found to contain 45 percent asbestos, and associated elbow and fitting insulation found to contain 15 percent asbestos.

Men's Room

There is approximately 300 square feet of 9"x9" green floor tile and related mastic found to contain 7 percent and 22 percent asbestos, respectively.

Women's Room

There is approximately 300 square feet of 9"x9" green floor tile and related mastic found to contain 7 percent and 22 percent asbestos, respectively.

Third Floor

Section 2

Mens Locker Room

There is approximately 25 linear feet of 2" aircell pipe insulation found to contain 45 percent asbestos, and associated elbow and fitting insulation found to contain 15 percent asbestos.

Womens Locker Room

There is approximately 25 linear feet of 2" aircell pipe insulation found to contain 45 percent asbestos, and associated elbow and fitting insulation found to contain 15 percent asbestos.

There is approximately 25 linear feet of 4" aircell pipe insulation found to contain 45 percent asbestos, and associated elbow and fitting insulation found to contain 15 percent asbestos.

There is approximately 100 square feet of magnesium tank insulation found to contain 40 percent asbestos.

Main Floor

There is approximately 200 linear feet of 2" magnesium pipe insulation found to contain 40 percent asbestos, and associated elbow and fitting insulation found to contain 58 percent asbestos.

There is approximately 400 linear feet of 2" fiberglass pipe insulation associated with mudded fittings found to contain 20 percent asbestos.

Section 3

Main Floor

There is approximately 100 linear feet of 2" aircell pipe insulation found to contain 45 percent asbestos, and associated elbow and fitting insulation found to contain 15 percent asbestos.

There is approximately 20 linear feet of 2" magnesium pipe insulation found to contain 40 percent asbestos, and associated elbow and fitting insulation found to contain 58 percent asbestos.

There is approximately 50 linear feet of 4" magnesium pipe insulation found to contain 25 percent asbestos, and associated elbow and fitting insulation found to contain 60 percent asbestos.

Fourth Floor

Section 3

Stairwell

There is approximately 100 square feet of transite found to contain 25 percent asbestos.

Main Floor

There is approximately 100 linear feet of 2" aircell pipe insulation found to contain 45 percent asbestos, and associated elbow and fitting insulation found to contain 15 percent asbestos.

There is approximately 20 linear feet of 2" magnesium pipe insulation found to contain 40 percent asbestos, and associated elbow and fitting insulation found to contain 58 percent asbestos.

There is approximately 50 linear feet of 4" magnesium pipe insulation found to contain 25 percent asbestos, and associated elbow and fitting insulation found to contain 60 percent asbestos.

Roof Section 1

Main Roof

There is approximately 17,000 square feet of built-up roofing found to contain 20 percent asbestos.

There is approximately 800 square feet of flashing cement found to contain 20 percent asbestos.

Section 1 Roof A

There is approximately 900 square feet of built-up roofing assumed to be asbestos

containing unless lab results prove otherwise.

There is approximately 150 square feet of flashing cement assumed to be asbestos containing unless lab results prove otherwise.

Section 1 Roof B

There is approximately 900 square feet of built-up roofing assumed to be asbestos containing unless lab results prove otherwise.

There is approximately 130 square feet of flashing assumed to be asbestos containing unless lab results prove otherwise.

Section 1 Mechanical Roof

There is approximately 900 square feet of built-up roofing assumed to be asbestos containing unless lab results prove otherwise.

There is approximately 150 square feet of flashing cement assumed to be asbestos containing unless lab results prove otherwise.

Roof Section 2, Main Roof

There is approximately 850 square feet of roof flashing found to contain 50 percent asbestos.

There is approximately 1,360 square feet of transite found to contain 30 percent asbestos.

Roof Section 2, Skylight Roof

There is approximately 360 square feet of flashing found to contain 20 percent asbestos.

Roof Section 3, Main Roof

There is approximately 3,000 square feet of built-up roofing found to contain 5 percent asbestos.

There is approximately 250 linear feet of skylight exterior window caulk found to contain 15 percent asbestos.

There is approximately 220 square feet of flashing found to contain 10 percent asbestos.

Building B (Shed)

There is approximately 25 linear feet of 2" aircell pipe insulation found to contain 45 percent asbestos, and associated elbow and fitting insulation found to contain 15 percent asbestos.

Building B Roof

There is approximately 225 square feet of built-up roofing assumed to be asbestos containing unless laboratory results prove otherwise.

There is approximately 60 square feet of flashing cement assumed to be asbestos containing.

Building C (Boiler House)

Basement

There is approximately 50 linear feet of 2" aircell pipe insulation found to contain 45 percent asbestos, and associated elbow and fitting insulation found to contain 15 percent asbestos.

There is approximately 50 linear feet of 4" aircell pipe insulation found to contain 60 percent asbestos, and associated elbow and fitting insulation found to contain 50 percent asbestos.

There is approximately 10 linear feet of rope gasket material found to contain 50 percent asbestos.

Boiler Floor

There is approximately 100 linear feet of 2" aircell pipe insulation found to contain 45 percent asbestos, and associated elbow and fitting insulation found to contain 15 percent asbestos.

There is approximately 100 linear feet of 4" aircell pipe insulation found to contain 60 percent asbestos, and associated elbow and fitting insulation found to contain 50 percent asbestos.

There is approximately 100 linear feet of 8" aircell pipe insulation found to contain 70 percent asbestos, and associated elbow and fitting insulation found to contain 50 percent asbestos.

There is approximately 100 square feet of magnesium tank insulation found to contain 50 percent asbestos.

There is approximately 40 linear feet of boiler burner caulk found to contain 20 percent asbestos.

There is approximately 2,000 square feet of breaching insulation found to contain 20 percent asbestos.

There is approximately 1,500 square feet of boiler insulation found to contain 55 percent asbestos.

Boiler House Roof

There is approximately 2,400 square feet of built -up roofing found to contain 20 percent asbestos.

There is approximately 200 square feet of flashing cement found to contain 20 percent asbestos.

Boiler House exterior

There is approximately 1200 square feet of oil tank surfacing found to contain 10 percent asbestos.

There is approximately 340 linear feet of exterior window glazing found to contain 15 percent asbestos.

Non-Asbestos Containing Materials Found During the Inspection

The following materials were found to contain legally insignificant amounts (0–1 percent) of asbestos: 9"x9" tan floor tile, wire insulation, wall plaster top coat and base coat, tar paper under 9"x9" brown and 9"x 9" red floor tile, Section 2 roofing layers 1-4, Section 2 skylight roofing layers 1-4, Section 2 window glazing, and Section 3 window glazing.

See Section IV for a copy of the laboratory analysis sheets for the samples collected.

Additional Notes:

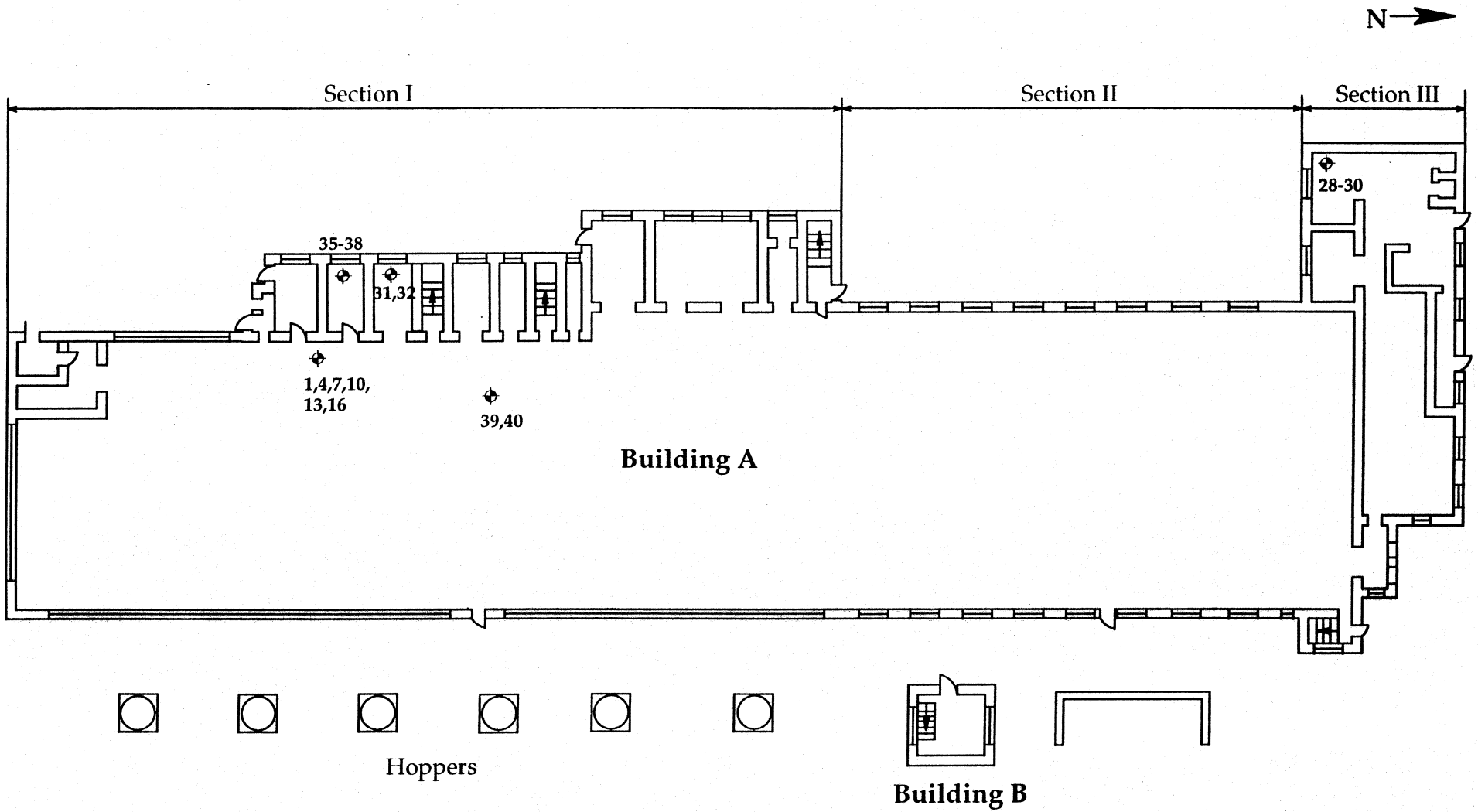
1. In case where the vinyl floor tile is found to contain no asbestos, but the mastic beneath the vinyl floor tile is found to contain asbestos, the vinyl floor tile is considered to be asbestos contaminated due to the fact that separation of mastic from vinyl floor tile is not technically feasible.

2. EnviroMed strongly recommends the use of Transmission Electron Microscopy (TEM) on vinyl floor tiles in cases where both the vinyl floor tile and flooring mastic were found to contain 1% or less asbestos using Polarized Light Microscopy (PLM). PLM has been found to give "false negative" results on floor tile samples due to the fact that the asbestos fibers are tightly bound into the matrix of the floor tile. As a result the asbestos cannot be easily detected using PLM. The use of the TEM analytical method will definitively determine whether or not the floor tile contains legally significant amounts of asbestos.

3. The possibility exists that suspect asbestos-containing materials may be located behind fixed walls, under fixed flooring or above fixed ceilings. During renovation activities, upon the penetration or demolition of a fixed wall or ceiling, should any suspect materials be seen or become accessible, all activities shall cease and the materials shall be sampled by a licensed inspector to determine the presence of asbestos.

4. The Building B roof and Building C shed were not accessible during this inspection. Further inspection is recommended.

II. SAMPLE LOCATION DIAGRAMS



Legend:

◆ = Sample Number & Location

REVISIONS		
DATE	MARK	DESCRIPTION

Drawing Title: **Asbestos Bulk Sample Location Diagram**

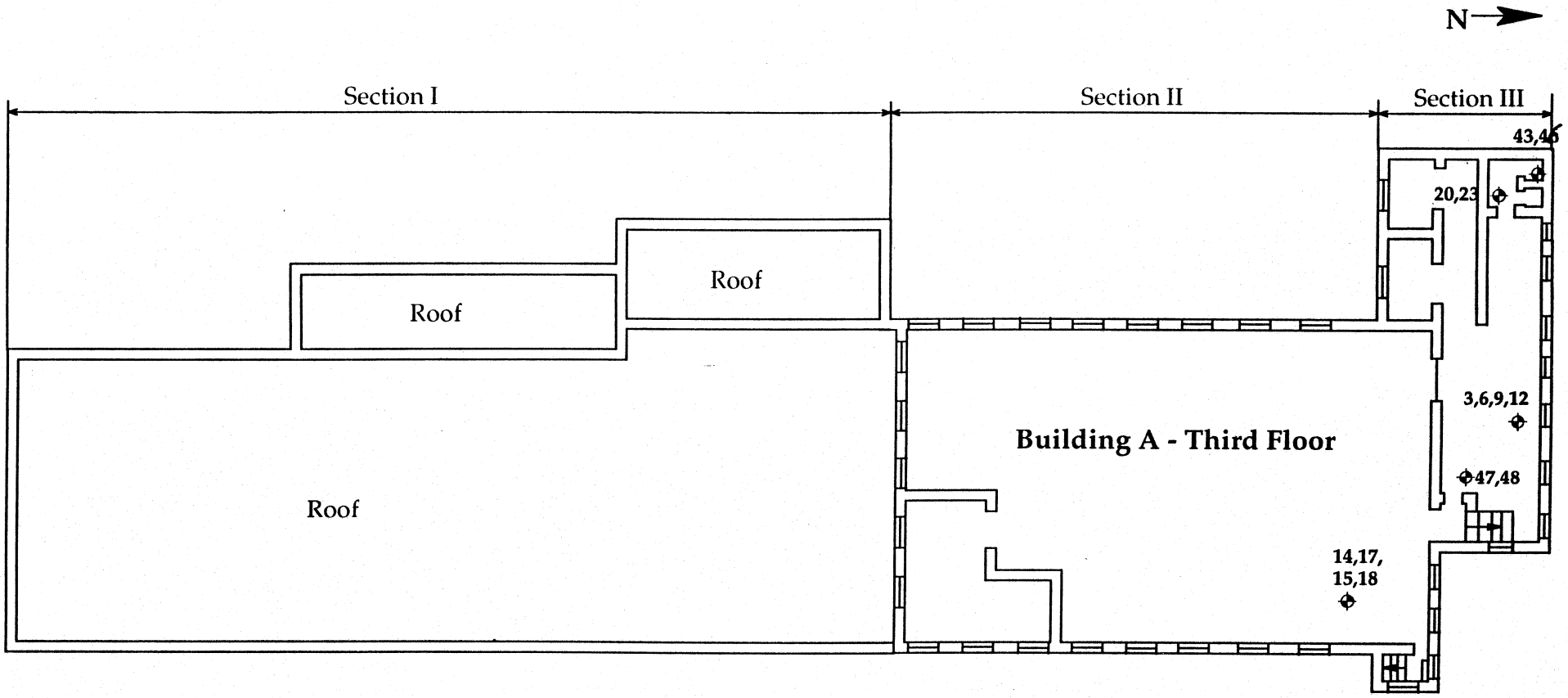
Prepared by:
EnviroMed Services, Inc.
25 Science Park, New Haven, CT 06511

Project: **International Silver Co.**
Buildings A & B - First Floor
Cooper Street, Meriden, Connecticut

Prepared for : GZA Geo Environmental, Inc.
27 Nack Road
Vernon, Connecticut

EMS # III-00-057

Date: 02/10/00
Scale: N.T.S.
Drawn By: L.X.
Approved By: T.B.
Drawing No. 1



Legend:

⌖ = Sample Number & Location

REVISIONS		
DATE	MARK	DESCRIPTION

Drawing Title: **Asbestos Bulk Sample Location Diagram**

Prepared by: EnviroMed Services, Inc.
25 Science Park, New Haven, CT 06511

Date: 02/10/00

Scale: N.T.S.

Project: **International Silver Co.**
Building A - Third Floor
Cooper Street, Meriden, Connecticut

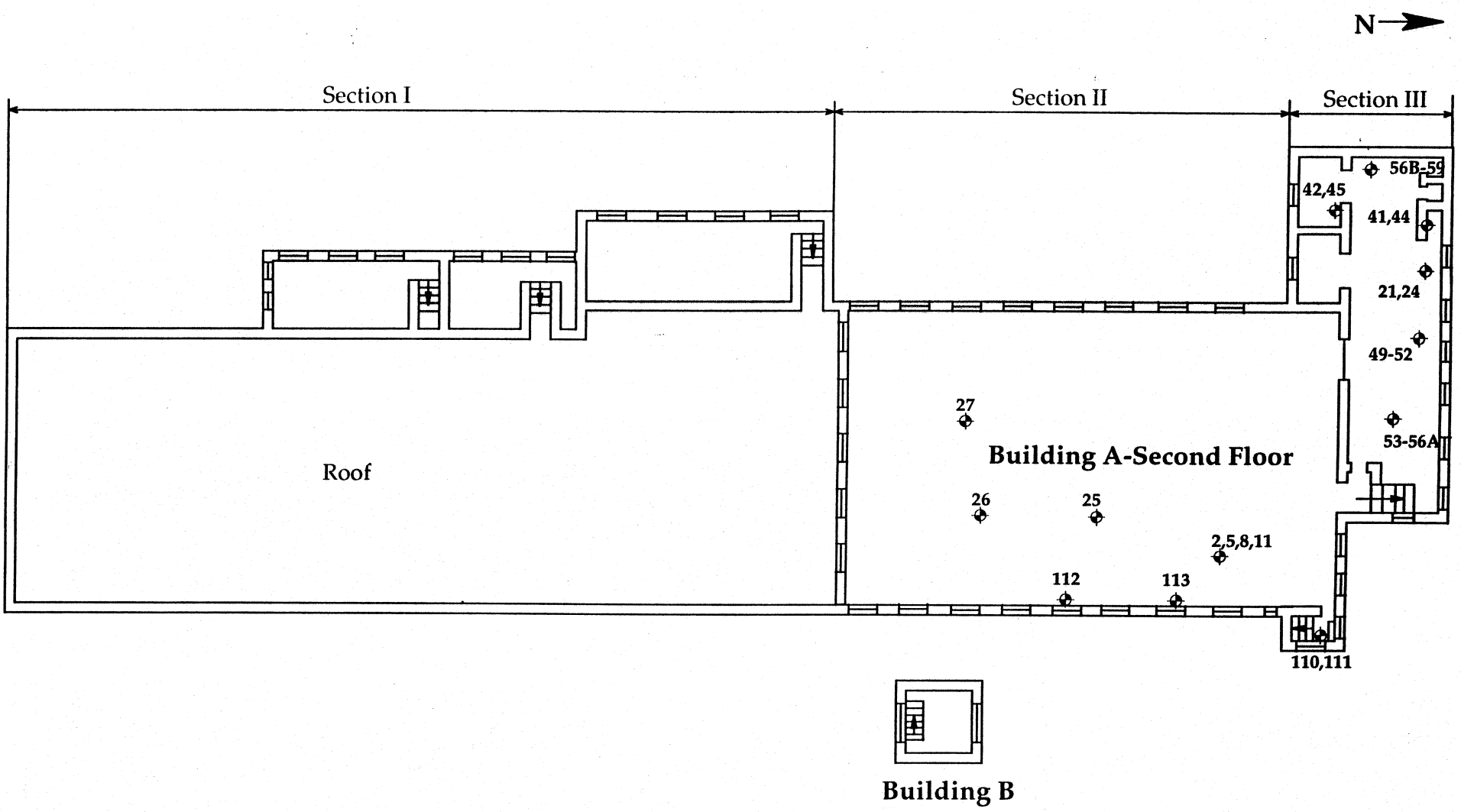
Drawn By: L.X.

Approved By: T.B.

Prepared for : GZA Geo Environmental, Inc.
27 Nack Road
Vernon, Connecticut

Drawing No. 3

EMS # IH-00-057



Legend:

⌖ = Sample Number & Location

REVISIONS		
DATE	MARK	DESCRIPTION

Drawing Title: **Asbestos Bulk Sample Location Diagram**

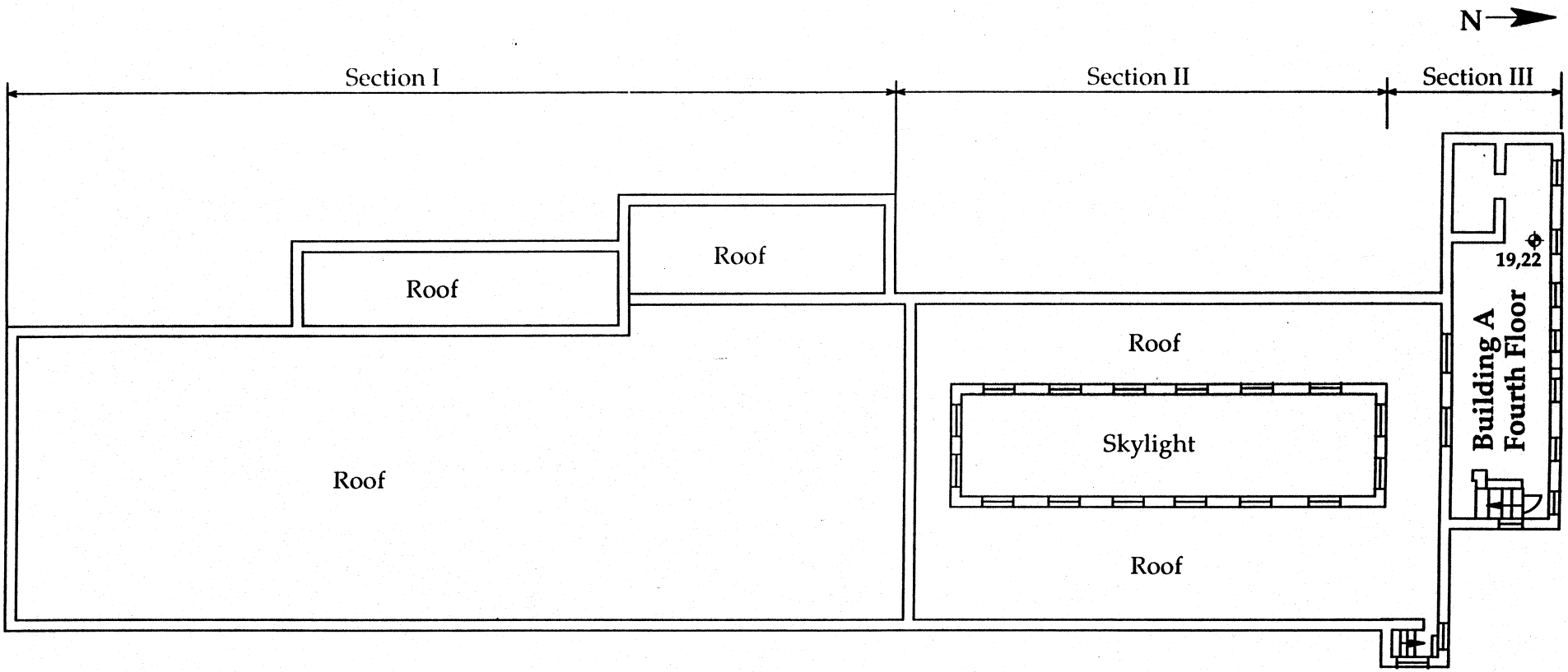
Prepared by:
EnviroMed Services, Inc.
25 Science Park, New Haven, CT 06511

Project: **International Silver Co.**
Buildings A & B - Second Floor
Cooper Street, Meriden, Connecticut

Prepared for : GZA Geo Environmental, Inc.
27 Naek Road
Vernon, Connecticut

EMS # IH-00-057

Date: 02/10/00
Scale: N.T.S.
Drawn By: L.X.
Approved By: T.B.
Drawing No. 2



Legend:

◈ = Sample Number & Location

REVISIONS		
DATE	MARK	DESCRIPTION

Drawing Title: **Asbestos Bulk Sample Location Diagram**

Prepared by: EnviroMed Services, Inc.
25 Science Park, New Haven, CT 06511

Date: 02/10/00

Scale: N.T.S.

Project: **International Silver Co.**
Buildings A & B - Fourth Floor
Cooper Street, Meriden, Connecticut

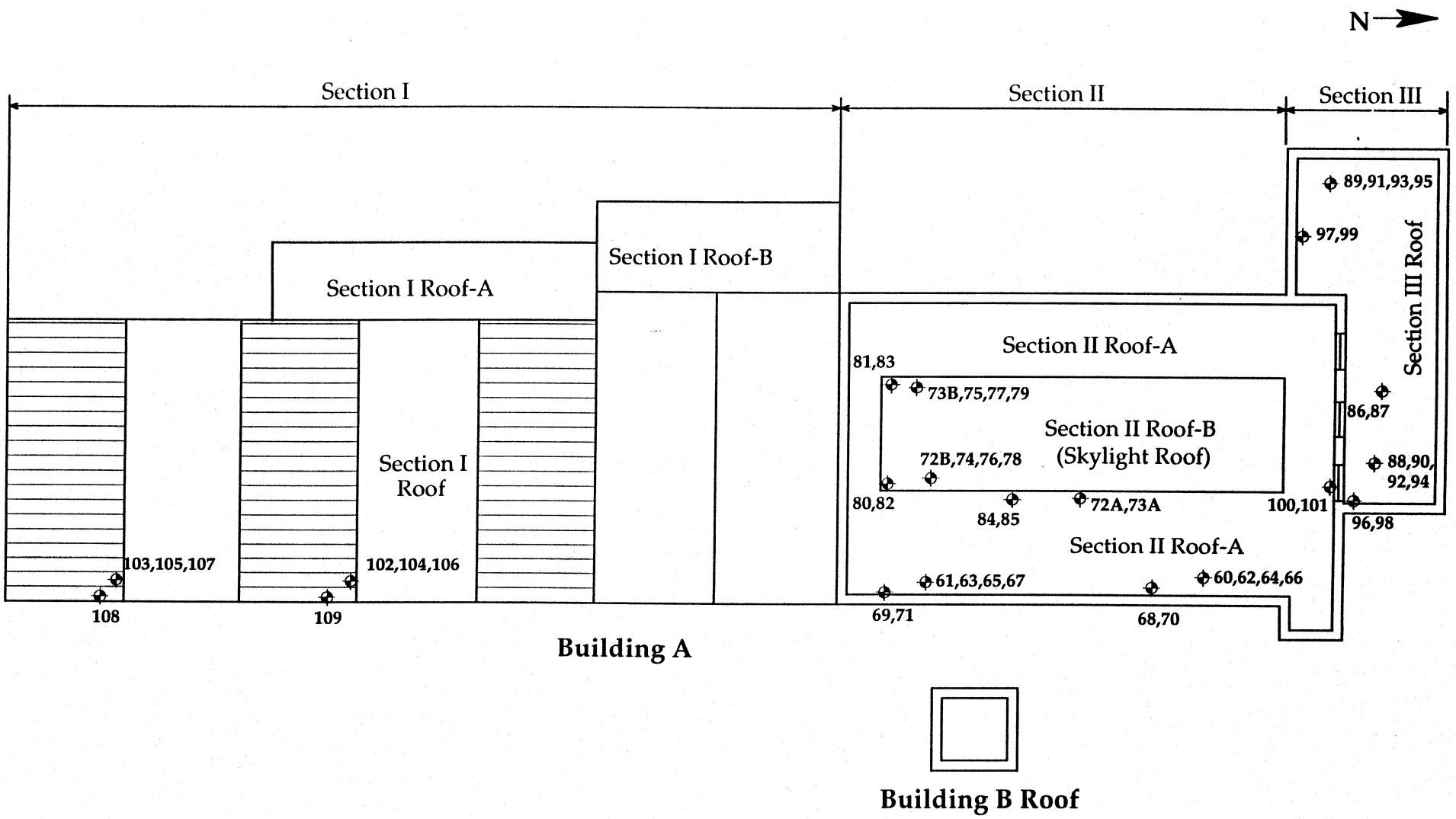
Drawn By: L.X.

Approved By: T.B.

Prepared for : GZA Geo Environmental, Inc.
27 Nack Road
Vernon, Connecticut

Drawing No. 4

EMS # IH-00-057



Legend:

⌖ = Sample Number & Location

REVISIONS		
DATE	MARK	DESCRIPTION

Drawing Title: **Asbestos Bulk Sample Location Diagram**

Prepared by: EnviroMed Services, Inc.
25 Science Park, New Haven, CT 06511

Project: **International Silver Co.**
Buildings A & B - Roofs
Cooper Street, Meriden, Connecticut

Prepared for : GZA Geo Environmental, Inc.
27 Nack Road
Vernon, Connecticut

EMS # IH-00-057

Date: 02/10/00
Scale: N.T.S.
Drawn By: L.X.
Approved By: T.B.
Drawing No. 5

III. SAMPLE LOG AND RESULTS TABLE

Sample Number	Location	Material Sampled	Percent Asbestos
A1	Building A - 1st Floor Section I	2" magnesium silicate (mag) pipe insulation	40
A 2	Building A - 2nd Floor Section II	2" magnesium silicate pipe insulation	NA
A 3	Building A - 3rd Floor Section III	2" magnesium silicate pipe insulation	NA
A 4	Building A - 1st Floor Section I	mud pipe joint insulation along 2" mag insulated pipeline	58
A5	Building A - 2nd Floor Section II	mud pipe joint insulation along 2" mag insulated pipeline	NA
A6	Building A - 3rd Floor Section III	mud pipe joint insulation along 2" mag insulated pipeline	NA
A7	Building A - 1st Floor Section I	4" magnesium silicate pipe insulation	25
A8	Building A - 2nd Floor Section II	4" magnesium silicate pipe insulation	NA
A9	Building A - 3rd Floor Section III	4" magnesium silicate pipe insulation	NA
A10	Building A - 1st Floor Section I	mud pipe joint insulation along 4" mag insulated pipeline	60
A11	Building A - 2nd Floor Section II	mud pipe joint insulation along 4" mag insulated pipeline	NA
A12	Building A - 3rd Floor Section III	mud pipe joint insulation along 4" mag insulated pipeline	NA
A13	Building A - 1st Floor Section I	8" magnesium silicate pipe insulation	45
A14	Building A - 3rd Floor Section II	8" magnesium silicate pipe insulation	NA
A15	Building A - 3rd Floor Section II	8" magnesium silicate pipe insulation	NA
A16	Building A - 1st Floor Section I	pipe joint insulation along 8" mag insulated pipeline	15
A17	Building A - 3rd Floor Section II	pipe joint insulation along 8" mag insulated pipeline	NA
A18	Building A - 3rd Floor Section II	pipe joint insulation along 8" mag insulated pipeline	NA
A19	Building A - 4th Floor Section III	2" aircell pipe insulation	45
A20	Building A - 3rd Floor Section III	2" aircell pipe insulation	NA
A21	Building A - 2nd Floor Section III	2" aircell pipe insulation	NA
A22	Building A - 4th Floor Section III	pipe joint insulation along 2" aircell insulated pipeline	15
A23	Building A - 3rd Floor Section III	pipe joint insulation along 2" aircell insulated pipeline	NA
A24	Building A - 2nd Floor Section III	pipe joint insulation along 2" aircell insulated pipeline	NA
A25	Building A - 2nd Floor Section II	mud pipe joint insulation along 2" fiberglass insulated pipeline	20

A26	Building A - 2nd Floor Section II	mud pipe joint insulation along 2" fiberglass insulated pipeline	NA
A27	Building A - 2nd Floor Section II	mud pipe joint insulation along 2" fiberglass insulated pipeline	NA
A28	Building A - 1st Floor Section III	tank insulation	60
A29	Building A - 1st Floor Section III	tank insulation	NA
A30	Building A - 1st Floor Section III	tank insulation	NA
A31	Building A - 1st Floor Section I Bathroom	9"x9" tan vinyl floor tile	NAD
A32	Building A - 1st Floor Section I Bathroom	9"x9" tan vinyl floor tile	NAD
A33-A34	void	void	void
A35	Building A - 1st Floor Section II Bathroom	9"x9" gray vinyl floor tile	12
A36	Building A - 1st Floor Section I Bathroom	9"x9" gray vinyl floor tile	NA
A37	Building A - 1st Floor Section I Bathroom	mastic under 9"x9" gray vinyl floor tile	25
A38	Building A - 1st Floor Section I Bathroom	mastic under 9"x9" gray vinyl floor tile	NA
A39	Building A - 1st Floor Section I	wire insulation	NAD
A40	Building A - 1st Floor Section I	wire insulation	NAD
A41	Building A - 2nd Floor Section III	wall plaster - top coat	NAD
A42	Building A - 2nd Floor Section III	wall plaster - top coat	NAD
A43	Building A - 3rd Floor Section III	wall plaster - top coat	NAD
A44	Building A - 2nd Floor Section III	wall plaster - base coat	NAD
A45	Building A - 2nd Floor Section III	wall plaster - base coat	NAD
A46	Building A - 3rd Floor Section III	wall plaster - base coat	NAD
A47	Building A - 3rd Floor Section III	transite	25
A48	Building A - 3rd Floor Section III	transite	NA
A49	Building A - 2nd Floor Section III	9"x9" green vinyl floor tile	7
A50	Building A - 2nd Floor Section III	9"x9" green vinyl floor tile	NA
A51	Building A - 2nd Floor Section III	mastic under 9"x9" green vinyl floor tile	22
A52	Building A - 2nd Floor Section III	mastic under 9"x9" green vinyl floor tile	NA
A53	Building A - 2nd Floor Section III	9"x9" brown vinyl floor tile	13
A54	Building A - 2nd Floor Section III	9"x9" brown vinyl floor tile	NA

A55	Building A - 2nd Floor Section III	tar paper under 9"x9" brown vinyl floor tile	NAD
A56(a)	Building A - 2nd Floor Section III	tar paper under 9"x9" brown vinyl floor tile	NAD
A56(b)	Building A - 2nd Floor Section III	9"x9" red vinyl floor tile	5
A57	Building A - 2nd Floor Section III	9"x9" red vinyl floor tile	NA
A58	Building A - 2nd Floor Section III	tar paper under 9"x9" red vinyl floor tile	NAD
A59	Building A - 2nd Floor Section III	tar paper under 9"x9" red vinyl floor tile	NAD
A60	Building A - Section II Roof-A	built-up roof top layer	NAD
A61	Building A - Section II Roof-A	built-up roof top layer	NAD
A62	Building A - Section II Roof-A	built-up roof 2nd layer	NAD
A63	Building A - Section II Roof-A	built-up roof 2nd layer	NAD
A64	Building A - Section II Roof-A	built-up roof 3rd layer	NAD
A65	Building A - Section II Roof-A	built-up roof 3rd layer	NAD
A66	Building A - Section II Roof-A	built-up roof bottom layer	NAD
A67	Building A - Section II Roof-A	built-up roof bottom layer	NAD
A68	Building A - Section II Roof-A	roof flashing 1st layer	50
A69	Building A - Section II Roof-A	roof flashing 1st layer	NA
A70	Building A - Section II Roof-A	roof flashing bottom layer	4
A71	Building A - Section II Roof-A	roof flashing bottom layer	NA
A72(a)	Building A - Section II Roof-A	skylight exterior window glazing	NAD
A72(b)	Building A - Section II Roof-B (Skylight Roof)	built-up roof top layer	NAD
A73(a)	Building A - Section II Roof-A	skylight exterior window glazing	NAD
A73(b)	Building A - Section II Roof-B (Skylight Roof)	built-up roof top layer	NAD
A74	Building A - Section II Roof-B (Skylight Roof)	built-up roof 2nd layer	NAD
A75	Building A - Section II Roof-B (Skylight Roof)	built-up roof 2nd layer	NAD
A76	Building A - Section II Roof-B (Skylight Roof)	built-up roof 3rd layer	NAD
A77	Building A - Section II Roof-B (Skylight Roof)	built-up roof 3rd layer	NAD
A78	Building A - Section II Roof-B (Skylight Roof)	built-up roof bottom layer	NAD
A79	Building A - Section II Roof-B (Skylight Roof)	built-up roof bottom layer	NAD

INSILCO is known to have conducted plating operations and is reported to have generated and discharged alkali soaps; copper, chromium, and zinc solutions; and sulfuric acid to the sanitary sewer system. They also generated and discharged oils, pumice, and wastewaters containing nickel, silver, chromium, copper, zinc, and acid and alkali solutions to Harbor Brook. Halogenated and non-halogenated solvents are also reported to have potentially been used and generated during INSILCO manufacturing operations. More detailed information of industrial processes conducted by INSILCO on the subject property is unavailable.

In 1977, Carabetta Enterprises purchased a 10-acre piece of land comprised of the current 7.2-acre INSILCO property and the current 2.8-acre VMMC parcel (located northwest and adjacent to the current INSILCO property). Carabetta Enterprises renovated and constructed the Meriden Medical Center on the 2.8-acre VMMC parcel.

In 1981, ownership of the 7.2-acre portion of the property was transferred back to INSILCO through quit claim, and subsequently INSILCO donated the property to Meriden-Wallingford Hospital. From 1981 to 1985, Meriden-Wallingford Hospital may have used a small portion of Building A for warehouse space.

In 1985, as part of a redevelopment effort, BL&A Associates Limited Partnership (BL&A) purchased the 7.2-acre INSILCO property from Meriden-Wallingford Hospital (which later became VMMC). The redevelopment did not proceed, in part due to the potential cost of remediation, and the property was abandoned. BL&A remains the legal owner of record and VMMC holds the mortgage for the INSILCO property.

2.2 Regulatory Status

A Pollution Abatement Order was issued by CT DEP to BL&A on 15 May 1997 in an attempt to gain access to the property. No orders for cleanup were issued in the Pollution Abatement Order. To date, no known orders or activities to mitigate on-site pollution have been conducted.

The INSILCO Factory H property is not listed on any of the following State or Federal environmental databases: the National Priorities List (NPL); the Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS); the Resource Conservation and Recovery Act Information System (RCRIS); and the State of Connecticut Inventory of Hazardous Waste Sites.

According to CT DEP, the property is not classified as an "Establishment" under the Connecticut Transfer Act as it was not occupied after 1980. Therefore, the property would not be subject to Transfer Act disclosure requirements upon sale.

2.3 Previous Environmental Investigations

The following environmental investigations are known to have been performed on the subject property and were available for review:

- HRP Associates, Inc., *Site Assessment Report,* 21 June 1988.

A80	Building A - Section II Roof-B (Skylight Roof)	roof flashing top layer	20
A81	Building A - Section II Roof-B (Skylight Roof)	roof flashing top layer	NA
A82	Building A - Section II Roof-B (Skylight Roof)	roof flashing 2nd layer	20
A83	Building A - Section II Roof-B (Skylight Roof)	roof flashing 2nd layer	NA
A84	Building A - Section II Roof-A	transite	30
A85	Building A - Section II Roof-A	transite	NA
A86	Building A - Section III Roof	flashing	<1
A87	Building A - Section III Roof	flashing	<1
A88	Building A - Section III Roof	built-up roof top layer	5
A89	Building A - Section III Roof	built-up roof top layer	NA
A90	Building A - Section III Roof	built-up roof 2nd layer	NA
A91	Building A - Section III Roof	built-up roof 2nd layer	NA
A92	Building A - Section III Roof	built-up roof 3rd layer	NA
A93	Building A - Section III Roof	built-up roof 3rd layer	NA
A94	Building A - Section III Roof	built-up roof bottom layer	NA
A95	Building A - Section III Roof	built-up roof bottom layer	NA
A96	Building A - Section III Roof	roof flashing 1st layer	10
A97	Building A - Section III Roof	roof flashing 1st layer	NA
A98	Building A - Section III Roof	roof flashing 2nd layer	NA
A99	Building A - Section III Roof	roof flashing 2nd layer	NA
A100	Building A - Section III window	sky light exterior window caulking	15
A101	Building A - Section III window	sky light exterior window caulking	NA
A102	Building A - Section I Roof	built-up roof top layer	20
A103	Building A - Section I Roof	built-up roof top layer	NA
A104	Building A - Section I Roof	built-up roof 2nd layer	NA
A105	Building A - Section I Roof	built-up roof 2nd layer	NA
A106	Building A - Section I Roof	built-up roof 3rd layer	NA
A107	Building A - Section I Roof	built-up roof 3rd layer	NA

A108	Building A - Section I Roof	flashing cement	15
A109	Building A - Section I Roof	flashing cement	NA
A110	Building A - 2nd Floor Section III	interior window glazing	NAD
A111	Building A - 2nd Floor Section III	interior window glazing	NAD
A112	Building A - 2nd Floor Section II	interior window glazing	NAD
A113	Building A - 2nd Floor Section II	interior window glazing	NAD
C1	Building C- 1st Floor Boiler Room	2" magnesium silicate pipe insulation	50
C2	Building C- 1st Floor Boiler Room	2" magnesium silicate pipe insulation	NA
C3	Building C- Basement	2" magnesium silicate pipe insulation	NA
C4	Building C- 1st Floor Boiler Room	mud pipe joint insulation along 2" mag insulated pipeline	60
C5	Building C- 1st Floor Boiler Room	mud pipe joint insulation along 2" mag insulated pipeline	NA
C6	Building C- Basement	mud pipe joint insulation along 2" mag insulated pipeline	NA
C7	Building C- 1st Floor Boiler Room	4" magnesium silicate pipe insulation	60
C8	Building C- 1st Floor Boiler Room	4" magnesium silicate pipe insulation	NA
C9	Building C- Basement	4" magnesium silicate pipe insulation	NA
C10	Building C- 1st Floor Boiler Room	mud pipe joint insulation along 4" mag insulated pipeline	50
C11	Building C- 1st Floor Boiler Room	mud pipe joint insulation along 4" mag insulated pipeline	NA
C12	Building C- Basement	mud pipe joint insulation along 4" mag insulated pipeline	NA
C13	Building C- 1st Floor Boiler Room	8" magnesium silicate pipe insulation	70
C14	Building C- 1st Floor Boiler Room	8" magnesium silicate pipe insulation	NA
C15	Building C- 1st Floor Boiler Room	8" magnesium silicate pipe insulation	NA
C16	Building C- 1st Floor Boiler Room	pipe joint insulation along 8" mag insulated pipeline	50
C17	Building C- 1st Floor Boiler Room	pipe joint insulation along 8" mag insulated pipeline	NA
C18	Building C- 1st Floor Boiler Room	pipe joint insulation along 8" mag insulated pipeline	NA
C19	Building C- 1st Floor Boiler Room	tank insulation	50
C20	Building C- 1st Floor Boiler Room	tank insulation	NA
C21	Building C- 1st Floor Boiler Room	tank insulation	NA
C22	Building C- 1st Floor Boiler Room	breeching insulation	40

C23	Building C- 1st Floor Boiler Room	breeching insulation	NA
C24	Building C- 1st Floor Boiler Room	breeching insulation	NA
C25	Building C- 1st Floor Boiler Room	boiler insulation/top of boiler	55
C26	Building C- 1st Floor Boiler Room	boiler insulation/top of boiler	NA
C27	Building C- 1st Floor Boiler Room	boiler insulation/top of boiler	NA
C28	Building C- 1st Floor Boiler Room	boiler breeching caulking	20
C29	Building C- 1st Floor Boiler Room	boiler breeching caulking	NA
C30	Building C- Basement	boiler rope gasket	20
C31	Building C- Basement	boiler rope gasket	NA
C32	Building C- 1st Floor Boiler Room	interior window glazing	NAD
C33	Building C- Basement	interior window glazing	NAD
C34	Building C- 1st Floor Boiler Room	exterior window caulking	15
C35	Building C- Basement	exterior window caulking	NA
C36	Water tower adjacent to Building C	oil tank surfacing	10
C37	Water tower adjacent to Building C	oil tank surfacing	NA
C38	Building C- 1st Floor Boiler Room	built-up roof top layer	20
C39	Building C- 1st Floor Boiler Room	built-up roof top layer	NA
C40	Building C- 1st Floor Boiler Room	built-up roof 2nd layer	NA
C41	Building C- 1st Floor Boiler Room	built-up roof 2nd layer	NA
C42	Building C- 1st Floor Boiler Room	built-up roof bottom layer	NA
C43	Building C- 1st Floor Boiler Room	built-up roof bottom layer	NA
C44	Building C- 1st Floor Boiler Room	roof flashing	20
C45	Building C- 1st Floor Boiler Room	roof flashing	NA

C46	Water tower adjacent to Building C	oil tank roofing shingles	NAD
C47	Water tower adjacent to Building C	oil tank roofing shingles	sample missing
C48	Water tower adjacent to Building C	oil tank flashing paper	20
C49	Water tower adjacent to Building C	oil tank flashing paper	NA

NAD = No Asbestos Detected
NA = Not Analyzed

IV. LABORATORY ANALYSIS SHEETS

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-1 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) SECT. I, ~~3~~ 1st FL
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: λ 2" Mag	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	gray fibrous		
Type of Asbestos Present	Amosite		
Percent Asbestos	40%		
Morphology	straight		
Refractive Index Parallel/Perpendicular	⊥ 1.678 / ∥ 1.696		
Dispersion Colors Parallel/Perpendicular	⊥ blue magenta / golden ∥ yellow		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	M		
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	50% Particulate		
Total % Asbestos (sample)	40% Amosite		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-2 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect II, 7th Fl
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: x 2" Mag.	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-3 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 3rd Fl. Sect. III
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 2" Mag.	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-4 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 1st FL., Sect. I
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: *	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X 2" Mud	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	gray fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	5%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	⊥1.547/1.1-55		
Dispersion Colors Parallel/Perpendicular	+ blue/a magenta		
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	37% particulate		
Total % Asbestos (sample)	5% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-5 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd FL Sect. II
Bldg A. / Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: 12"- Mold.	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-6 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 3rd FL Sect. III
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X 2" Mud J.	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-7 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 1st FL, Sect. I
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 4"	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	white fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	2.5%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	+1.547/⊥1.556		
Dispersion Colors Parallel/Perpendicular	+Blue/⊥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	//		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N/		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	70% Particulate		
Total % Asbestos (sample)	2.5% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-8 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd Fl, Sect II
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: @ 4"	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-9 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 3rd Fl, Sect III
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: 4"	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-10 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 1st FL Sect. II
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X 4"	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cedeno

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	gray fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	60%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	∥1.549/⊥1.556		
Dispersion Colors Parallel/Perpendicular	∥ Blue / ⊥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	∥		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	30% Particulate		
Total % Asbestos (sample)	60% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-11 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd Fl Sect. II
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: x 4"	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-12 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 3rd Fl Sect III
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X 4"	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-13 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) E 1st FL, Sect. I
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: 8"	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J Cedeno

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	White fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	45%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	⊥1.547/∥1.55		
Dispersion Colors Parallel/Perpendicular	⊥ Blue / ∥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	35% Particulate		
Total % Asbestos (sample)	45% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-14 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 2nd FL, Sect II
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 8"	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-15 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd FL, Sect II
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 8"	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-16 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 1st FL Sect III
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (v.n)			
Gross Appearance (color, texture)	gray fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	15%		
Morphology	curly		
Refractive Index Parallel/Perpendicular	+1.54 // 1.55		
Dispersion Colors Parallel/Perpendicular	+ Blue // Magenta		
Extinction Characteristics (parallel, oblique, wavy)	//		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	25% fiberglass 25% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	35% Particulate		
Total % Asbestos (sample)	15% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-17 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 1st FL, Sect II
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X 8"	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (c.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-18 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd FL Sect. II
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X 8"	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-19 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 4th FL, Sect. III
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 2" Aircell	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)	gray/white fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	45%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	⊥ 1.547 / ∥ 1.556		
Dispersion Colors Parallel/Perpendicular	⊥ blue / ∥ magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	h		
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	45% particulate		
Total % Asbestos (sample)	45% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-20 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 3rd FL, Sect. II
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X2' Aircell	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-21 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd FL Sect III
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 2" Asbestos	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-22 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) sect III 4th
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: MIF/	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: 2" ~~Fiberglass~~	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation: Aircell	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	white fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	15%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	+1.547/⊥1.556		
Dispersion Colors Parallel/Perpendicular	+ Blue/⊥ magenta		
Extinction Characteristics (parallel, oblique, wavy)	//		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	75% Particulate		
Total % Asbestos (sample)	15% Chrysotile		

Comments: _____

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-23 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect. III 8th
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: M&T	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: K2" ~~Asbestos~~	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation: Arcell	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-24 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect III 2nd
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: M.E.	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: 12" ~~Fiberglass~~	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation: Asbestos	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-25 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Sect II, 2nd FL
Bldg A. Main
Int. Silver G., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X Lab/N.F.	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	gray fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	20%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	+1.547/1.556		
Dispersion Colors Parallel/Perpendicular	+ Blue/1. Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	15% Cellulose 10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	55% Particulate		
Total % Asbestos (sample)	20% Chrysotile		

Comments: _____

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-26 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Sect II. 2nd Fl
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X 2" Mag. Ca.	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T. O. B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-27 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect. II, 2nd FL
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X Mud/Fib. 2"	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-28 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect III, 1st FL
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation: X		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	white fibrous		
Type of Asbestos Present	Chrysotile	Amosite	
Percent Asbestos	20%	40%	
Morphology	wavy	straight	
Refractive Index Parallel/Perpendicular	⊥1.547/∥1.556	⊥1.673/∥1.696	
Dispersion Colors Parallel/Perpendicular	+ Blue/∥ magenta	+ Blue magenta/∥ yellow	
Extinction Characteristics (parallel, oblique, wavy)	∥	∥	
Sign of Elongation (+/-)	+	+	
Pleochroism (color) Parallel/Perpendicular	N	N	
Birefringence (o,l,m,h)	L	n/a	
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	35% Particulate		
Total % Asbestos (sample)	20% Chrysotile	40% Amosite	

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-29 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Sa-1 III, 1st FL
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation: X		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-30 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sec h III, 1st FL
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation: X		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-31 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 1st FL Bathroom, Sect. I
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 9" Tan
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cebrat

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)	Ivory tile		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-32 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 1st FL Bathrooms, Sect 7
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 9" Tan
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cabrera

Date: 2-10-00 Date: 2/25/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Tan tile		
Type of Asbestos Present			
Percent Asbestos	07		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% particulate		
Total % Asbestos (sample)	07.		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-35 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 1st Fl. Locker Room
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 9" beige
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Gray tile		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	12%		
Morphology	fibrous		
Refractive Index Parallel/Perpendicular	⊥1.54 / ∥1.556		
Dispersion Colors Parallel/Perpendicular	⊥ Blue / ∥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	83% Particulate		
Total % Asbestos (sample)	12% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-36 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 1 SFL, Locker Room, Bldg A. Main Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 9", Gray
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T. O. B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-37 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 1st FL Locker Room
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 9" Gray
Duct Insulation:	Wallboard Compound:	Flooring Mastic: X
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Beige Master		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	25%		
Morphology	Wavy		
Refractive Index Parallel/Perpendicular	+1.547/1.553		
Dispersion Colors Parallel/Perpendicular	+ Blue/1 Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	65% Particulate		
Total % Asbestos (sample)	25% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-38 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 1st Fl Locker Room
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: 1 9" Gray
Duct Insulation:	Wallboard Compound:	Flooring Mastic: ↓
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-39 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect 2, 1st FL
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Wire Insulation

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Yellow		
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	55% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	45% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-40 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 1st FL. Sect II
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Wire Insulation

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	brown fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	55% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-41 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd FL, Sect II
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster: X Top Coat	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	white constituents		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-42 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect III, 2nd FL
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster: x Top Coat	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)	white cementitious		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	7% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	93% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-43 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 3rd Fl. Suit III
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster: x Top Coat	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)	white cementitious		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	6% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	94% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-44 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect III, 2nd FL
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster: Base Coat.	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	gray cementitious		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-45 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 2nd FL, Sect III
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster: X, Base Coat	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Gray Cementitious		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-46 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect. III 3rd FL
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster: X Base Coat	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	gray cementitious		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	8% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	92% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-47 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 3rd FL, Sect III
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite: x
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cabrera

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)	gray Transite		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	25%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	1.547 / 1.556		
Dispersion Colors Parallel/Perpendicular	+ Blue / 1st Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	65% Particulate		
Total % Asbestos (sample)	25% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-48 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 3rd Fl, Sect III
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite: X
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-49 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd FL, Sect. III, Exec. B. Hvac Bldg A. Main Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 9"x9" Green
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	green tile		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	7%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	⊥1.54 / ∥1.55		
Dispersion Colors Parallel/Perpendicular	I Blue / II Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N / L		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	83% Particulate		
Total % Asbestos (sample)	7% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-50 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd FL, Sect. III, Exec. Bu Hrrom
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 9"x9" Green
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-51 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Executive B-Room, 2nd FL, Sect. #1
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic: X A.W. 9"x9" Gray
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (v,n)			
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	22%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	+1.547/⊥1.556		
Dispersion Colors Parallel/Perpendicular	+ Blue/⊥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N/L		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	30% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	48% Particulate		
Total % Asbestos (sample)	22% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-52 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Exec. Bd Rooms, 2nd FL, Sect. III
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic: X A.W. 9"x9" Green Flo. 1%
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-53 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd FL Sect III
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 9" Brown
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: J. Cabral

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	13%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	⊥1.547 / ∥1.556		
Dispersion Colors Parallel/Perpendicular	⊥ Blue / ∥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N / L		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	7% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	80% particulate		
Total % Asbestos (sample)	13% Chrysotile		

Comments: _____

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-54 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd FL Sec I III
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 9" Brown
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-55 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 2nd Fl. Sect. III
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: ~~Floor tile~~ Tar paper A.W. 7" Brown

Collected by: T.O.B. Analyzed by: J. Adrian

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	20% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	80% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-56A Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd FL, Sect. III
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Tarpaper - A.W. Floor tile 9" Brown

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	80% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	20% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-56B Lab # 14714

Client Name, Address: G Z A Environmental

Sample Location: (Including Room, Building) 2nd FL, Sect. III
Bldg A. Main
Int. Silver Co., Casper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 9" Red.
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J Cabrera

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	dark grey tile		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	5%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	+1.54/1.55		
Dispersion Colors Parallel/Perpendicular	Blue // Magenta ⊥		
Extinction Characteristics (parallel, oblique, wavy)	//		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	5% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	90% Particulate		
Total % Asbestos (sample)	5% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-57 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 2nd FL Sect. III
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile: X 7" Red.
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-58 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2nd Fl, Sect III
Bldg A. Main
Int. Silver G, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Transpar A.W. 9" Red. F.T.

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	30% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	70% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-59 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) 2nd FL, Sect. III
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Tarpaper A.W. 9" Red. FT

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present			
Percent Asbestos	0 %		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	25% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	75% particulate		
Total % Asbestos (sample)	0 %		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-60 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) 2 Sect III Roof
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing. 1st Layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	15% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	85% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-61 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Sect II Roof
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing, 1st Layer

Collected by: T.O.B. Analyzed by: J. Cefalo

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	90% asphaltic		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-62 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect II, Roof
Bldg A. Main
Int. S.tver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 2nd Layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cabrera

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	90% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report
25 Science Park New Haven, CT (203)786-5580

EnviroMed Services, Inc.

Sample ID #: IH-00-057-A-63

Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Sect II, Roof
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: X Roofing 2nd Layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	90% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-64 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect II Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 3rd Layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cefalu

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	15% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	85% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-65 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect II, Roof
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 3-Ply

Collected by: T.O.B.

Analyzed by: J Cedrone

Date: 2-10-00

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	90% Fiberglass		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00057-A-66 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect. II, Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 4th Layer

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	8% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	92% Calcite		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-67 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect. II, Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing, 4th layer

Collected by: T.O.B. Analyzed by: J. Adair

Date: 2-10-00 Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	90% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-68 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section 2 Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Flashing Layer 1

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cabrera

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	50 %		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	⊥1.547/∥1.556		
Dispersion Colors Parallel/Perpendicular	+ Blue/∥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	∥		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N/L		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	45% Portlandite		
Total % Asbestos (sample)	50% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-69 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Section II, Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Flashing, layer 1

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-10-00 Date: [illegible]

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-70 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Section II, Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Flashing, Layer 2

Collected by: T.O.B. Analyzed by: J. Cabrera

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	4%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	⊥ 1.54 / ∥ 1.556		
Dispersion Colors Parallel/Perpendicular	+ Blue / ∥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	86% Particulate		
Total % Asbestos (sample)	4% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-71 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect. II, Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Flashing, Layer 2

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-~~22~~ 72 A Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Sect. II, Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Skylight Window Glazing

Collected by: T.O.B. Analyzed by: J. Cedeno

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	beige cementitious		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (c,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% fibrous material		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-72B

Lab # 14714

Client Name, Address: G2A Environmental

Sample Location: (Including Room, Building) Skylight Roof
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 1st Layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	black fibrous		
Type of Asbestos Present			
Percent Asbestos	07		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% particulate		
Total % Asbestos (sample)	07		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-~~RB~~ 73 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Sect II Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: ~~Stripping~~ Light Weight Gluing

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Beige cementitious		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-73B

Lab # 14714

Client Name, Address: G.A Environmental

Sample Location: (Including Room, Building) Skylight/Roof
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 2nd Layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J Cabral

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	7% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	93% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-74 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) ~~Ctr. Roof Section~~ Skylight/Roof
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 2nd Layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	25% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	75% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-76 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Skylight Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 3rd Layer

Collected by: T.O.B. Analyzed by: J. Cedrone

Date: 2-10-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	25% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	75% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-77 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Skylight Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 3rd Layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J Cedrone

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	20% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	80% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-78 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Skylight Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 4th Layer

Collected by: T.O.B. Analyzed by: Cynthia Dumpkin

Date: 2-10-00 Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black Rubbery		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	20% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	80% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-79 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Skylight Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 4th layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by:

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (v.n)	X		
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	20% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	80% Particulate		
Total % Asbestos (sample)	0 %		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00057-A-80 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Skylight Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof flashing 1st layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by:

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (v.n)	Y		
Gross Appearance (color, texture)	Black tar		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	20%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular	Blue / Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N / L		
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	15% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	65% Particulate		
Total % Asbestos (sample)	20% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-81 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Skylight Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Flashing, 1st Layer

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-82 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Skylight Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Flashing, 2nd layer

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-10-00 Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	20%		
Morphology	Wavy		
Refractive Index Parallel/Perpendicular	1.547		
Dispersion Colors Parallel/Perpendicular	∥ Blue ∥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	70% Particulate		
Total % Asbestos (sample)	20% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-83 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Skylight Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Flashing, 2nd Layer

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-84 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Skylight Wall
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite: X
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: [signature]

Date: 2-22-00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	gray fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	30%		
Morphology	fibrous		
Refractive Index Parallel/Perpendicular	1.54/1.55		
Dispersion Colors Parallel/Perpendicular	blue/magenta		
Extinction Characteristics (parallel, oblique, wavy)	P/P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (c,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	20% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	50% Particulate		
Total % Asbestos (sample)	30% Chrysotile		

Comments: _____

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-85 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Skylight wall
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite: X
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,i,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-86 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Sect III, Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: x Pipe Flashing

Collected by: T.O.B.

Date: 2-10-00

Analyzed by:

Date: 2/25/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	20%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular	Blue Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	20% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	80% Particulate		
Total % Asbestos (sample)	20% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-87 Lab # 14714

Client Name, Address: G Z A Environmental

Sample Location: (Including Room, Building) Sect. III Roof
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Pipe Flashing

Collected by: T.O.B.

Date: 2-10-00

Analyzed by:

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	25%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	90% Particulate		
Total % Asbestos (sample)	25% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-88 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing ~~Layer~~ 1st Layer

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining

	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Black Tarry		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	5%		
Morphology	Wavy		
Refractive Index Parallel/Perpendicular	1.55/1.55		
Dispersion Colors Parallel/Perpendicular	Blue / Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	85% Particulate		
Total % Asbestos (sample)	5% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-89 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing 1st Layer

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining

	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-90 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III Roof
Bldg A. Main
Int. Silver G, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: 2nd Layer, Roofing

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: [signature]

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-91 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: 2nd Layer Roofing

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: Cynthia Dumpe

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-92 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III, Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: 2nd Layer Roofing

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: [signature]

Date: 2/25/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-93 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III, Roof
Bldg A. Main
Int. Silver & Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: 3rd Layer Roofing

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: [signature]

Date: 2/15/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-94 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Section III, Roof
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: 4th Layer Roofing

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-10-00 Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-95 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III, Roof
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: 4th Layer Roofing

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: [signature]

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-96 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III Roof
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Flashing 1st layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by:

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	10%		
Morphology	fibrous		
Refractive Index Parallel/Perpendicular	1.54		
Dispersion Colors Parallel/Perpendicular	II Magenta ⊥		
Extinction Characteristics (parallel, oblique, wavy)	+		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	+		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Chrysotile		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	90% Particulate		
Total % Asbestos (sample)	10%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-97 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III, Roof
Bldg A. Main
Int. Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Flashing, 1st Layer

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: Cynthia Simon

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-98 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section IH, Roof
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Flashing 2nd Layer

Collected by: T.O.B. Analyzed by: _____

Date: 2-10-00 Date: _____

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments: _____

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-99 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section IH, Roof
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Flashing 2nd Layer

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (c.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-100 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Section III, Exterior
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: ~~Window~~ Skylight Window Caulk

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-10-00 Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	gray Cementitious		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	15%		
Morphology	Wavy		
Refractive Index Parallel/Perpendicular	⊥ 1.54 / ∥ 1.5[illegible]		
Dispersion Colors Parallel/Perpendicular	⊥ Blue / ∥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	∥		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	75% Particulate		
Total % Asbestos (sample)	15% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-101 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III Exterior
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Skylight Window Caulk

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-102 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section I
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing Layer 2

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: Positive Sample

Date: 12/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	X		
Gross Appearance (color, texture)	Black/Tan Non-Fibrous Coating		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	30%		
Morphology	Fibrous		
Refractive Index Parallel/Perpendicular	1.549 / 1.556		
Dispersion Colors Parallel/Perpendicular	Blue / Yellow		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	70% Particulate		
Total % Asbestos (sample)	30% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-103 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section I
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing, Layer 1

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-104 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section I
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing Layer 2

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-105 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section I
Bldg A. Main
Int. Silver G, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing Layer 2

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-106 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section I
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing Layer 3

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-107 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section 7
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roofing Layer 3

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-108 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section I
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Flashing Cement

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: Cynthia Sumner

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Black/Brown		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	15%		
Morphology	fibrous		
Refractive Index Parallel/Perpendicular	1.54 / 1.55		
Dispersion Colors Parallel/Perpendicular	Blue / Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	75% Particulate		
Total % Asbestos (sample)	15% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-109 Lab # 14714

Client Name, Address: G. Z. A Environmental

Sample Location: (Including Room, Building) Section I
Bldg A. Main
Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Flashing Cement

Collected by: T.O.B. Analyzed by:

Date: 2-10-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-110 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III, ~~Entire~~ 2nd FL
Bldg A. Main
Int. Silver Cr. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Window Glaze

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedrone

Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	beige/brown cementitious		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	7% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	93% particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-111 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section III, ~~Exterior~~ 2nd FL
Bldg A. Main
Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Window Glaze

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Colucci

Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Beige/Brown fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	6% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	94% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-112 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section II, ~~Exterior~~ 2nd FL Bldg A. Main Int. S. Iver C. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Window Glaze

Collected by: T.O.B. Analyzed by: J. Celona

Date: 2-10-00 Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)	Beige Consistency		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A-113 Lab # 14714

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) Section II, ~~Exterior~~ 2nd Fl
Bldg A. Main
Int. Silver G. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Window Glaze

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: J. Cedro

Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Beige cementitious		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% Particulate		
Total % Asbestos (sample)	0%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A19 QC Lab # 14714 QC

Client Name, Address: G Z A Environmental

Sample Location: (Including Room, Building) Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-10-00 Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	X		
Gross Appearance (color, texture)	white fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	40%		
Morphology	Wavy		
Refractive Index Parallel/Perpendicular	⊥ 1.54 / ∥ 1.55		
Dispersion Colors Parallel/Perpendicular	Blue / ∥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	∥		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	50% Particulate		
Total % Asbestos (sample)	40% Chrysotile		

Comments: QC # 19

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — Enviromed Services, Inc.

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-A42 QC — Lab # 14714 QC

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) [redacted]

Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: [signature]

Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining

	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	White Cementitious		
Type of Asbestos Present			
Percent Asbestos	0 %		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	95% Particulate		
Total % Asbestos (sample)	0		

Comments: QC # 42

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-56A QC Lab # 14714 QC

Client Name, Address: E.Z.A Environmental

Sample Location: (Including Room, Building) Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-10-00 Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	X		
Gross Appearance (color, texture)	Red / Tile		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	8%		
Morphology	Pairs		
Refractive Index Parallel/Perpendicular	1.54 / 1.55		
Dispersion Colors Parallel/Perpendicular	Blue / Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	82% Particulate		
Total % Asbestos (sample)	8% Chrysotile		

Comments: QC # 56A

NVLAP Lab Code #1514 Mass. Certificate #A A000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-06 A QC Lab # 14714 QC

Client Name, Address: G Z A Environmental

Sample Location: (Including Room, Building) [redacted]

Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: [signature]

Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	X		
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	90% Particulate		
Total % Asbestos (sample)	0%		

Comments: QC #06

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-76AQC Lab # 14714 QC

Client Name, Address: G.Z.A Environmental

Sample Location: (Including Room, Building) [redacted]

Int. Silver Co. Copper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-10-00

Analyzed by: [signature]

Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	X	I	
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present			
Percent Asbestos	0.1		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	15% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	85% Binder/matrix		
Total % Asbestos (sample)	0.1		

Comments: QC #1176

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-88A QC Lab # 14714 QC

Client Name, Address: G Z A Environmental

Sample Location: (Including Room, Building) Int. Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: x Roofing 1st Fl

Collected by: T.O.B. Analyzed by: Thuy Chamberland

Date: 2-10-00 Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	3%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	1.556 / 1.547		
Dispersion Colors Parallel/Perpendicular	Magenta / Blue		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	87% porto		
Total % Asbestos (sample)	3% Chrysotile		

Comments: QC # 88A

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report EnviroMed Services, Inc.

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-100A QC Lab # 14714 QC

Client Name, Address: G Z A Environmental

Sample Location: (Including Room, Building) Int. Silver Co. Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Skylight window rough

Collected by: T.O.B. Analyzed by: Thery Chamberland

Date: 2-10-00 Date: 2/24/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Grey cementitious		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	10%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	1.556 / 1.547		
Dispersion Colors Parallel/Perpendicular	Magenta / Blue		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	80% particulate		
Total % Asbestos (sample)	10% Chrysotile		

Comments: QC # 100

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-1 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 2"	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-9-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	White fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos			
Morphology	wavy		
Refractive Index Parallel/Perpendicular	∥ 1.5 ⊥ 1.550		
Dispersion Colors Parallel/Perpendicular	+ Blue ∥ magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	15% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	35% Particulate		
Total % Asbestos (sample)	50% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-2 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: 2" Pipe	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-9-00

Analyzed by: [signature]

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-3 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Copper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 2" Pipe	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-4 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: 2" Molded.	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Analyzed by:

Date: 2-9-00

Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (c.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-5 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co., Copper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: 2", Mudded	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-6 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: 2", Mudded	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-9-00

Analyzed by:

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-7 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: x 4" Pipe	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-9-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	White fibrous	—	
Type of Asbestos Present	Chrysotile	Amosite	
Percent Asbestos	20%	40%	
Morphology	Mass	Sheaf	
Refractive Index Parallel/Perpendicular	+ 1.547 ‖ 1.556	+ 1.678 ‖ 1.696	
Dispersion Colors Parallel/Perpendicular	+ Blue ‖ Magenta	+ Blue ‖ Golden yellow	
Extinction Characteristics (parallel, oblique, wavy)	P	P	
Sign of Elongation (+/-)	+	+	
Pleochroism (color) Parallel/Perpendicular	N	N	
Birefringence (o,l,m,h)	L	M	
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	30% Pastrecitate		
Total % Asbestos (sample)	60% (20% Chrysotile, 40% Amosite)		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-8 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Copper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 4" Pipe	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-9 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Copper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 4" Pipe	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-10 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation: 4"	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: Molded.	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X. Fittings	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-9-00 Date: 3/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	gray fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	50%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	1.54 / 1.55		
Dispersion Colors Parallel/Perpendicular	+ blue / magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	X		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	40% Particulates		
Total % Asbestos (sample)	50% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-11 Lab # 14714

Client Name, Address: G. E. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor - Boiler House (Bldg. C) International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X 4" Mud.	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-12 Lab # 14714

Client Name, Address: G.Z.A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: x 4" Mudded	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-13 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: x 3" pipe	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-9-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	white fibrous		
Type of Asbestos Present	Chrysotile	Amosite	
Percent Asbestos	30%	40%	
Morphology	Wavy	Straight	
Refractive Index Parallel/Perpendicular	∥ 1.5561 ⊥ 1.5536	∥ 1.6878 ⊥ 1.6896	
Dispersion Colors Parallel/Perpendicular	+ Blue ∥ Magenta	+ Blue ∥ Golden Yellow	
Extinction Characteristics (parallel, oblique, wavy)	P	P	
Sign of Elongation (+/-)	+	+	
Pleochroism (color) Parallel/Perpendicular	N	N	
Birefringence (o,l,m,h)	L	M	
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)	70% (30% Chrysotile, 40% Amosite)		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-14 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co., Copper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 8" pipe	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-15 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Copper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X 8" pipe	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-16 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: 8"3" pipe Fitt	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-9-00

Analyzed by: [signature]

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments: _____

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-17 Lab # 14714

Client Name, Address: G.Z.A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: 8"3" pipe	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-18 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: 18" pipe	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: _____

Date: 2-9-00 Date: _____

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments: _____

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-19 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation: X		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-9-00

Analyzed by: [signature]

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-20 Lab # 14714

Client Name, Address: G.Z.A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation: X		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-21 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation: X		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-22 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation: X	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B.

Date: 2-9-00

Analyzed by:

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	X		
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos	40%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10%		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	50%		
Total % Asbestos (sample)	40%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-23 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation: X	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-24 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation: X	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-25 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation: X	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-9-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	white fibrous		
Type of Asbestos Present	Chrysotile	Amosite	
Percent Asbestos	15%	40%	
Morphology	wavy	straight	
Refractive Index Parallel/Perpendicular	∥ 1.547 ∥ 1.556	∥ 1.678 ∥ 1.696	
Dispersion Colors Parallel/Perpendicular	∥ Blue magenta	∥ Blue golden-yellow	
Extinction Characteristics (parallel, oblique, wavy)	P	P	
Sign of Elongation (+/-)	+	+	
Pleochroism (color) Parallel/Perpendicular	X	X	
Birefringence (o,l,m,h)	L	M	
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	35% Particulate		
Total % Asbestos (sample)	55% (15% Chrysotile, 40% Amosite)		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-26 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation: X	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (c.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-27 Lab # 14714

Client Name, Address: G.Z.A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation: X	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-28 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation: X	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: X Bo. Top Breeching Cement

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-9-00 Date: 2.22.00

Analytical Method: Polarized Light Microscopy with Dispersion Staining

	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)	Brown/Gray		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	20%		
Morphology	fibrous		
Refractive Index Parallel/Perpendicular	∥ 1.550 ⊥ 1.550		
Dispersion Colors Parallel/Perpendicular	∥ Blue ⊥ Magenta		
Extinction Characteristics (parallel, oblique, wavy)	parallel		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	∥ N ⊥		
Birefringence (o.l.m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	70% Portland Cement		
Total % Asbestos (sample)	20% Chrysotile		

Comments: _____

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-29 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: @ Boiler #2 Breeching Elbow

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-30 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Basement
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: x Rope Gasket

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-9-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Brown Fibrous		
Type of Asbestos Present	Amphibole		
Percent Asbestos	20%		
Morphology	Wavy		
Refractive Index Parallel/Perpendicular	⊥ 1.547 ∥ 1.556		
Dispersion Colors Parallel/Perpendicular	∥ Blue		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	H		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	70% Pantiotite		
Total % Asbestos (sample)	20% Amphibole		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #AA 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-31 Lab # 14714

Client Name, Address: G.Z.A. Environmental

Sample Location: (Including Room, Building) Basement
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Rope Gasket

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-32 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) ~~Exterior~~ Boiler Floor
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: X Window Glaze

Collected by: T.O.B.

Date: 2-9-00

Analyzed by:

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Gray Granular		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	0.1%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	Mineral Particulates		
Total % Asbestos (sample)	0.1%		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-33 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Debris Fiber
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: X Window Glaze

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-9-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)	Gray Cementitious		
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)	0.1		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-34 Lab # 14714

Client Name, Address: G.Z.A. Environmental

Sample Location: (Including Room, Building) Exterior
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Window caulk

Collected by: T.O.B.

Date: 2-9-00

Analyzed by:

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Brown Cementitious		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	15%		
Morphology	fibrous		
Refractive Index Parallel/Perpendicular	1.54 / 1.55		
Dispersion Colors Parallel/Perpendicular	Blue / Magenta		
Extinction Characteristics (parallel, oblique, wavy)	Wavy		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o.l.m.h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property	+		
Type(s) & Percent of (non-fibrous) Materials Present	75% Particulate		
Total % Asbestos (sample)	15% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-35 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building)
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Window Caulk

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (v.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (c.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-36 Lab # 14714

Client Name, Address: G. E. A. Environmental

Sample Location: (Including Room, Building) Exterior: Coal tank
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Oil Tank Surfacing

Collected by: T.O.B.

Date: 2-9-00

Analyzed by: [signature]

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Black Tar		
Type of Asbestos Present	Amosite		
Percent Asbestos	10%		
Morphology	Fibrous		
Refractive Index Parallel/Perpendicular	1.54 / 1.68		
Dispersion Colors Parallel/Perpendicular	Blue / Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N / L		
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	80% Particulate Matter		
Total % Asbestos (sample)	10% Amosite		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-37 Lab # 14714

Client Name, Address: G. E. A. Environmental

Sample Location: (Including Room, Building) Exterior (oil tank)
Boiler House (Bldg. C)
International Silver Co, Copper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Oil tank Surfacing

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-38 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Exterior
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof. Mastic field 1st layer

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining

	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Black Tar		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	20%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)	30% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	50% Particulate		
Total % Asbestos (sample)	20% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-39 Lab # 14714

Client Name, Address: G. E. A. Environmental

Sample Location: (Including Room, Building) Exterior
Boiler House (Bldg. C)
International Silver Co, Copper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Mat. Field 1st layer

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Da

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (c,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-40 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Exterior
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof: Main Field 2nd Layer

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-41 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Exterior
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Boot Manfield 2nd Layer

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-42 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Exterior
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Main Field, 3rd Layer

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (c.l.m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-43 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Exterior
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Main field 3rd layer

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y.n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o.l.m.h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-44 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Exterior
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof, Flashing, ~~[illegible]~~, 3rd

Collected by: T.O.B. Analyzed by: [signature]

Date: 2-9-00 Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black Tar		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	20%		
Morphology	Wavy		
Refractive Index Parallel/Perpendicular	∥ P.S.G.		
Dispersion Colors Parallel/Perpendicular	∥ Blue Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	H		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	15% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	65% [illegible]		
Total % Asbestos (sample)	20% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-45 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Exterior
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Roof Flashing

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-46 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Oil Tank
Boiler House (Bldg. C)
International Silver Co, Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Oil Tank Roofing Shingles

Collected by: T.O.B.

Date: 2-9-00

Analyzed by:

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black Fibrous		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	90% Particulate		
Total % Asbestos (sample)	0 %		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-47 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Oil Tank
Boiler House (Bldg. C)
International Silver Co, Copper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Oil Tank Roofing Shingles

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

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Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-48 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) Oil tank
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: Oil Tank Wrapping Paper

Collected by: T.O.B.

Date: 2-9-00

Analyzed by:

Date: 2/22/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining

	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos	20%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10%		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	70%		
Total % Asbestos (sample)	20% Chrysotile		

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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Summary of Results (continued)

Building B and Building C were taken and submitted to a Connecticut licensed laboratory for analysis. The TCLP analysis was performed in accordance to SW846, Method 1311 for TCLP, specific to lead. Please refer to the TCLP Sample Log and Results Table for a list of all TCLP results.

TCLP sample #1 - Building A/B painted metal registered 0.349 milligrams of lead per liter of water. Building A/B painted metal may be demolished, following any asbestos abatement, and disposed of as construction debris without any lead remediation.

TCLP sample #2 - Building A painted metal windows registered 0.091 milligrams of lead per liter of water. Building A painted metal windows may be demolished, following any asbestos abatement, and disposed of as construction debris without any lead remediation.

TCLP sample #3 - Building A painted wood registered 42.1 milligrams of lead per liter of water. There are approximately 2,200 ft^2 of painted wood doors and painted wood trim, located throughout Building A, which may be demolished, following any asbestos abatement, and disposed of as hazardous lead waste.

TCLP sample #4 - Building A painted wood windows registered 46.9 milligrams of lead per liter of water. There are approximately 2,000 ft^2 of painted wood windows, located in the north portion of Building A, which may be demolished, following any asbestos abatement, and disposed of as hazardous lead waste.

TCLP sample #5 - Building A painted brick registered 41.5 milligrams of lead per liter of water. There are approximately 4,000 ft^2 of painted brick, located on the first and fourth floors in the north portion of Building A, which may be demolished, following any asbestos abatement, and disposed of as hazardous lead waste.

TCLP sample #6 - Building C painted metal registered 0.676 milligrams of lead per liter of water. Building C painted metal may be demolished, following any asbestos abatement, and disposed of as construction debris without any lead remediation.

Bulk Asbestos Analysis Report — EnviroMed Services, Inc.

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057C - Qc#38 Lab # 14714 Qc

Client Name, Address: GZA Environmental

Sample Location: (Including Room, Building) Exterior
Boilerhouse CBldg 6)
International Silver Co. Meriden, CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: X Roof 15+layer

Collected by: T.O.B.

Date: 2-9-00

Analyzed by: J. Cedrone

Date: 02/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Black tar		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	25%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	±1.547 / 1.1.556		
Dispersion Colors Parallel/Perpendicular	+ Blue / 1. Magenta		
Extinction Characteristics (parallel, oblique, wavy)	//		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	25% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	50% Particulate		
Total % Asbestos (sample)	25% Chrysotile		

Comments: Qc#38

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

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I. LEAD INSPECTION

Project Summary

Overview

From February 9-11, 2000 EnviroMed Services, Inc. performed a lead survey using a direct read spectrum analyzer and Toxic Characteristic Leaching Procedure (TCLP) sampling at the International Silver Company, Cooper Street, Meriden, Connecticut. The purpose of this survey was to identify the presence of lead on the components scheduled for demolition and to characterize toxic lead waste for disposal at the International Silver Company, Cooper Street, Meriden, Connecticut.

The OSHA Lead in Construction Standard 29 CFR 1926.62 deems paint to be lead containing when XRF analysis exceeds 0.00 mg/cm^2. The State of Connecticut Lead Regulations deem paint to be a "toxic level" when X-Ray Fluorescence Analysis (XRF) exceeds 1.0 milligrams per centimeter squared (mg/cm^2), or 0.5% by weight in dry form. (19A-111-3). The State of Connecticut Department of Environmental Protection (DEP) regulations require building materials found to contain toxic levels of lead, to be Toxicity Characteristic Leaching Procedure (TCLP) tested for waste determination prior to disposal.

The TCLP sampling was done in compliance with the State of Connecticut, Department of Environmental Protection (DEP) document: "Guidance for the Management and Disposal of Lead-Contaminated Materials Generated in the Lead Abatement, Renovation, and Demolition Industries". The TCLP sampling procedure simulates the level of lead that would be released into a landfill if the building materials in question were demolished as-is and disposed of as solid waste. Those materials which are found to leach lead at a level less than 5 milligrams of lead per liter of water, are considered to be regular solid waste. Those materials which are found to leach lead at greater than or equal to 5.0 milligrams of lead per liter of water, are considered to be hazardous lead waste.

Summary of Results

XRF analysis was performed utilizing the Niton-XL 309 Spectrum Analyzer. Toxic levels of lead were found on the building components in Building A, Building B and Building C of the International Silver Company. Please refer to the Sample Log and Results Tables and the Sample Location Diagrams for the results and locations of all XRF readings. Representative TCLP samples of building components in Building A.

TCLP sample #7 - Building C painted metal windows registered 0.284 milligrams of lead per liter of water. Building C painted metal windows may be demolished, following any asbestos abatement, and disposed of as construction debris without any lead remediation.

II. SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
1	Building A	exterior window frame	metal	**4.4**
2	Building A	shutter	metal	**1.0**
3	Building A	exterior wall	metal	0.20
4	Building A	exterior door, door casing	metal	**1.40**
5	Building B	lower wall	brick	0.10
6	Building B	upper wall	brick	0.60
7	Building B	door casing	metal	0.00
8	Building B	stair riser rail	metal	**2.00**
9	Building B	second floor exterior window header	metal	0.20
10	Building B	second floor I-Beam	metal	0.00
11	Building A	exterior column	metal	**2.30**
12	Building A	exterior cover	wood	0.00
13	Building A	exterior hopper	metal	0.10
14	Building A	I-Beam	metal	**2.0**

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
15	Building A	lower wall	brick	0.10
16	Building A	upper wall	brick	0.10
17	Building A	window caulking	metal window frame	0.60
18	Building A	window frame	metal	**1.20**
19	Building A	column	metal	**1.40**
20	Building A	lower wall	cement block	0.10
21	Building A	upper wall	cement block	0.10
22	Building A	door casing	metal	**1.30**
23	Building A	door	metal	**2.50**
24	Building A	door	wood	**12.0**
25	Building A	door casing	metal	**1.0**
26	Building A	door	metal	0.4
27	Building A	door, door casing	metal	0.20

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
28	Building A	stall wall	metal	0.40
29	Building A	ceiling	cement	0.00
30	Building A	column	metal	0.10
31	Building A	ceiling beam	metal	**1.90**
32	Building A	floor	cement	0.00
33	Building A Loft	rail	metal	0.20
34	Building A Loft	ceiling beam	metal	**1.00**
35	Building A Loft	ceiling	metal	0.00
36	Building A Loft	wall	metal	0.20
37	Building A	wall	metal	**1.60**
38	Building A	stall wall	metal	0.70
39	Building A	lower wall	cement block	0.40
40	Building A	upper wall	cement block	0.10

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
41	Building A	door, door casing	metal	**1.70**
42	Building A	column	metal	0.30
43	Building A	floor	cement	0.00
44	Building A Loft	window frame	metal	**1.30**
45	Building A Loft	window frame	metal	0.20
46	Building A Loft	column	metal	0.80
47	Building A Loft	lower wall	brick	0.20
48	Building A Loft	upper wall	brick	0.10
49	Building A Loft	floor	cement	0.00
50	Building A	stair riser and stair	metal	0.60
51	Building A	door and door casing	metal	**3.30**
52	Building A	lower wall	wood	0.10
53	Building A	upper wall	wood	0.10
54	Building A	column	metal	0.20

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
55	Building A	column	metal	**1.30**
56	Building A	window frame	metal	0.70
57	Building A	test		1.10
58	Building A	test		1.10
59	Building A	test		1.10
60	Building A	test		1.10

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
61		test		1.10
62		test		1.10
63		test		1.10
64	Building A	exterior door	wood	**6.80**
65	Building A	exterior door casing	metal	**5.30**
66	Building A	exterior window cover	wood	0.00
67	Building A	exterior window cover	wood	0.00
68	Building A	exterior wall	brick	0.10
69	Building A	exterior door	metal	0.10
70	Building A	exterior window cover	wood	0.10
71	Building A	exterior door, door casing	metal	**2.30**
72	Building A	exterior door	metal	**1.80**
73	Building A	wall	brick	0.10
74	Building A	window frame	metal	0.20

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
75	Building A	lower wall	brick	0.90
76	Building A	column	metal	0.20
77	Building A	column	metal	0.80
78	Building A	upper wall	brick	0.40
79	Building A	wall	brick	0.20
80	Building A	ceiling	cement	0.00
81	Building A	column	metal	0.20
82	Building A	window frame	metal	**1.30**
83	Building A	door	metal	**2.40**
84	Building A	rail and stair	metal	**2.70**
85	Building A	duct	metal	0.10
86	Building A	wall	brick	0.20
87	Building A	pipe	metal	0.20

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
88	Building A	wall	wood	0.00
89	Building A	column	metal	0.00
90	Building A	window frame	metal	0.10
91	Building A	exterior window frame	metal	**1.20**
92	Building A	ceiling	cement	0.20
93	Building A	exterior window frame	metal	**2.80**
94	Building A	exterior window frame	metal	**2.60**
95	Building A	upper column	wood	0.00
96	Building A	lower column	wood	0.40
97	Building A	wall	brick	**10.0**
98	Building A	window casing	wood	**14.0**
99	Building A	wall	wood	0.00
100	Building A	wall	wood	0.00

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
101	Building A	door	wood	0.10
102	Building A	lower column	wood	0.60
103	Building A	upper column	wood	0.80
104	Building A	lower wall	brick	0.80
105	Building A	upper wall	brick	0.90
106	Building A	window casing	wood	**1.80**
107	Building A	window sash	wood	**7.30**
108	Building A	wall	wood	0.00
109	Building A	upper wall	cement block	0.00
110	Building A	upper wall	cement	0.10
111	Building A	lower wall	cement	0.10
112	Building A	stall wall	metal	0.10
113	Building A	ceiling	wood	0.00

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
114	Building A	column	wood	0.10
115	Building A	wall	brick	0.80
116	Building A	window jamb	wood	**3.30**
117	Building A	exterior window sash	wood	**4.30**
118	Building A	window sash	wood	0.30
119	Building A	wall	wood	0.00
120	Building A	wall	wood	0.00
121	Building A	door casing	wood	0.10
122	Building A	wall	cement block	0.20
123	Building A	upper wall	brick	0.10
124	Building A	lower wall	brick	**1.40**
125	Building A	upper wall	brick	0.10
126	Building A	lower wall	brick	0.90

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
127	Building A	upper column	wood	0.80
128	Building A	window casing	wood	**28.0**
129	Building A	window sash	wood	**13.0**
130	Building A	upper wall	wood	0.20
131	Building A	lower wall	wood	0.20
132	calibration	test		1.10
133	calibration	test		1.10
134	calibration	test		1.10

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
1	calibration	test		1.10
2	calibration	test		1.10
3	calibration	test		1.10
4	Boiler House Building C	door casing	metal	**6.3**
5	Boiler House Building C	I-Beam	metal	0.00
6	Boiler House Building C	pad	cement	0.30
7	Boiler House Building C	pipe	metal	0.00
8	Boiler House Building C	window frame	metal	0.00
9	Boiler House Building C	wall	cement	0.10
10	Boiler House Building C	door casing	metal	0.60
11	Boiler House Building C	door	metal	**4.50**
12	Boiler House Building C	column I-Beam	metal	**6.10**
13	Boiler House Building C	column I-Beam	metal	**2.90**
14	Boiler House Building C	door	metal	0.00

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
15	Boiler House Building C	wall	wood	0.00
16	Boiler House Building C	wall	cement	0.10
17	Boiler House Building C	wall	brick	0.30
18	Boiler House Building C	column	I-Beam	**2.50**
19	Boiler House Building C	window frame	metal	0.00
20	Boiler House Building C	wall	brick	0.00
21	Boiler House Building C second floor	pipe wrap	pipe	0.10
22	Boiler House Building C second floor	stair and stair tread	metal	**5.8**
23	Boiler House Building C second floor	column	meal	**1.90**
24	Boiler House Building C second floor	pipe	metal	0.30
25	Boiler House Building C	exterior door	metal	0.10
26	Boiler House Building C	exterior door casing	metal	0.10
27	Boiler House Building C	exterior window frame	metal	**1.30**
28	Boiler House Building C	exterior door and exterior door casing	metal	**6.80**

SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Substrate	Results (Mg/cm^2)
29	Boiler House Building C	exterior tank	metal	0.10
30	Boiler House Building C	exterior track	metal	0.20

III. TCLP SAMPLE LOG AND RESULTS TABLE

Sample Number	Location "Area"	Component	Results (Mg/L)	Pass/ Fail
1	Building A and Building B	Painted Metal	0.349	Pass
2	Building A	Painted Metal Window	0.091	Pass
3	Building A	Painted Wood	42.1	**Fail**
4	Building A	Painted Wood Window	46.9	**Fail**
5	Building A	Painted Brick	41.5	**Fail**
6	Building C Boiler House	Painted Metal	0.676	Pass
7	Building C Boiler House	Painted Metal Window	0.284	Pass

IV. SAMPLE LOCATION DIAGRAMS

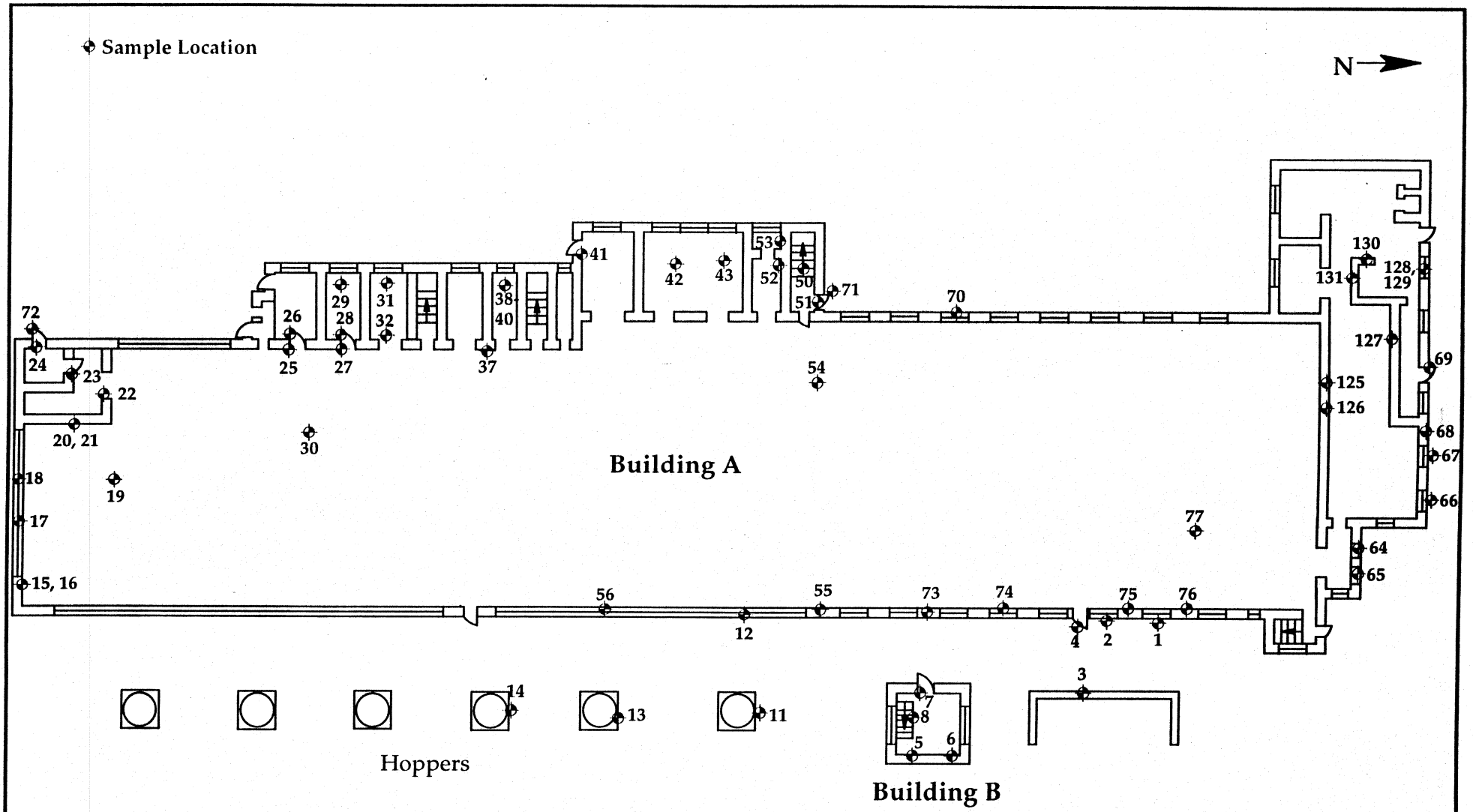
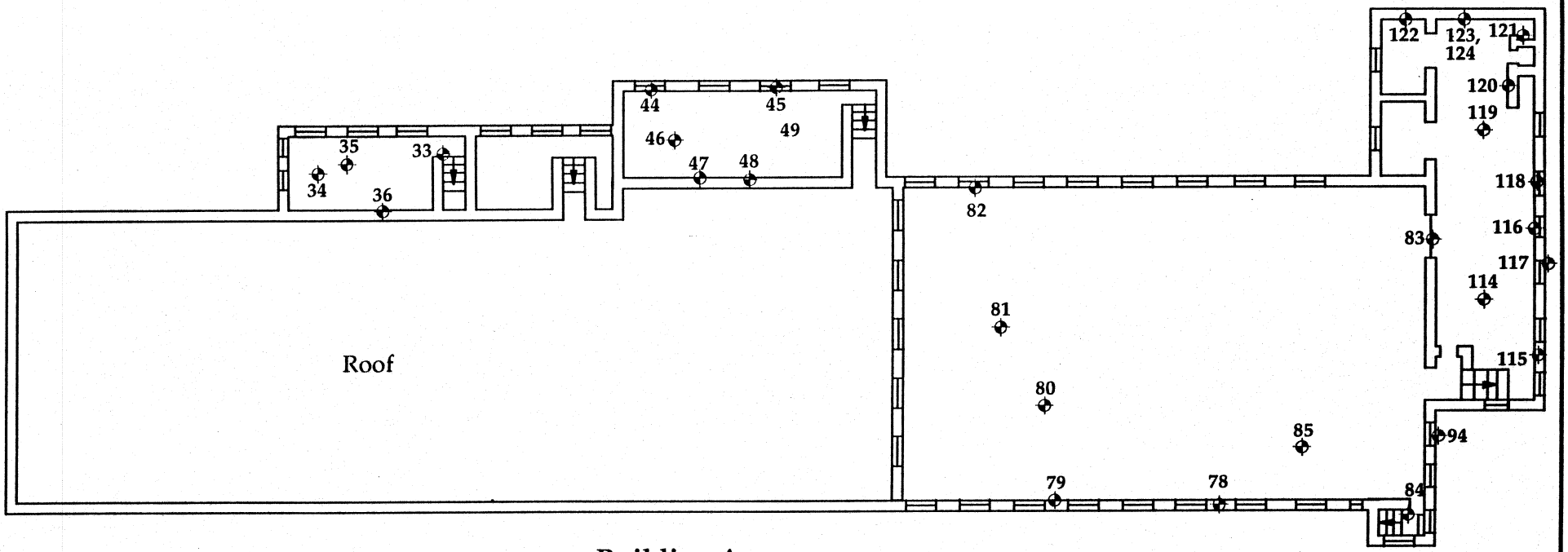


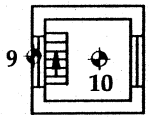
FIGURE 0 1	DRAWING TITLE: Lead Paint Inspection Sample Location Diagram Buildings A and B - First Floor		
REVISIONS DATE / MARK / DESCRIPTION	DRAWING PREPARED BY ENVIROMED SERVICES, INC. 25 SCIENCE PARK, NEW HAVEN, CONNECTICUT		DATE: 2-11-00
			SCALE: N.T.S.
	PROJECT: International Silver Co. Cooper Street Meriden, Connecticut		DRAWN BY: DTK
			APPROVED BY: DTK
	PREPARED FOR: GZA GeoEnvironmental, Inc. 27 Naek Road Vernon, Connecticut		DRAWING NO. 1
	EnviroMed Project # IH-00-057		

Sample Location

N



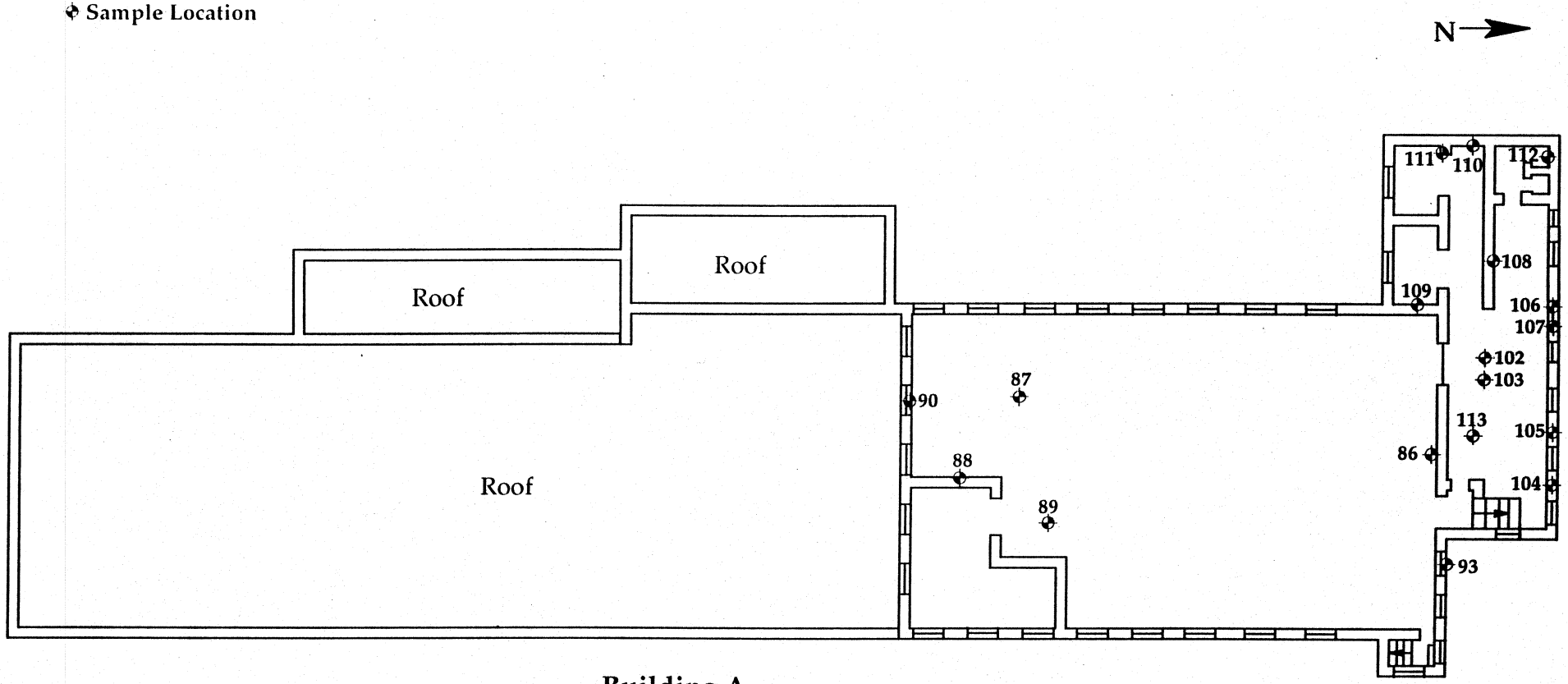
Building A



Building B

FIGURE 01	DRAWING TITLE: Lead Paint Inspection Sample Location Diagram Buildings A and B - Second Floor		
REVISIONS DATE / MARK / DESCRIPTION	DRAWING PREPARED BY ENVIROMED SERVICES, INC. 25 SCIENCE PARK, NEW HAVEN, CONNECTICUT		DATE: 2-11-00 SCALE: N.T.S.
	PROJECT: International Silver Co. Cooper Street Meriden, Connecticut		DRAWN BY: DTK APPROVED BY: DTK
	PREPARED FOR: GZA GeoEnvironmental, Inc. 27 Naek Road Vernon, Connecticut		DRAWING NO. 2
	EnviroMed Project # IH-00-057		

Sample Location

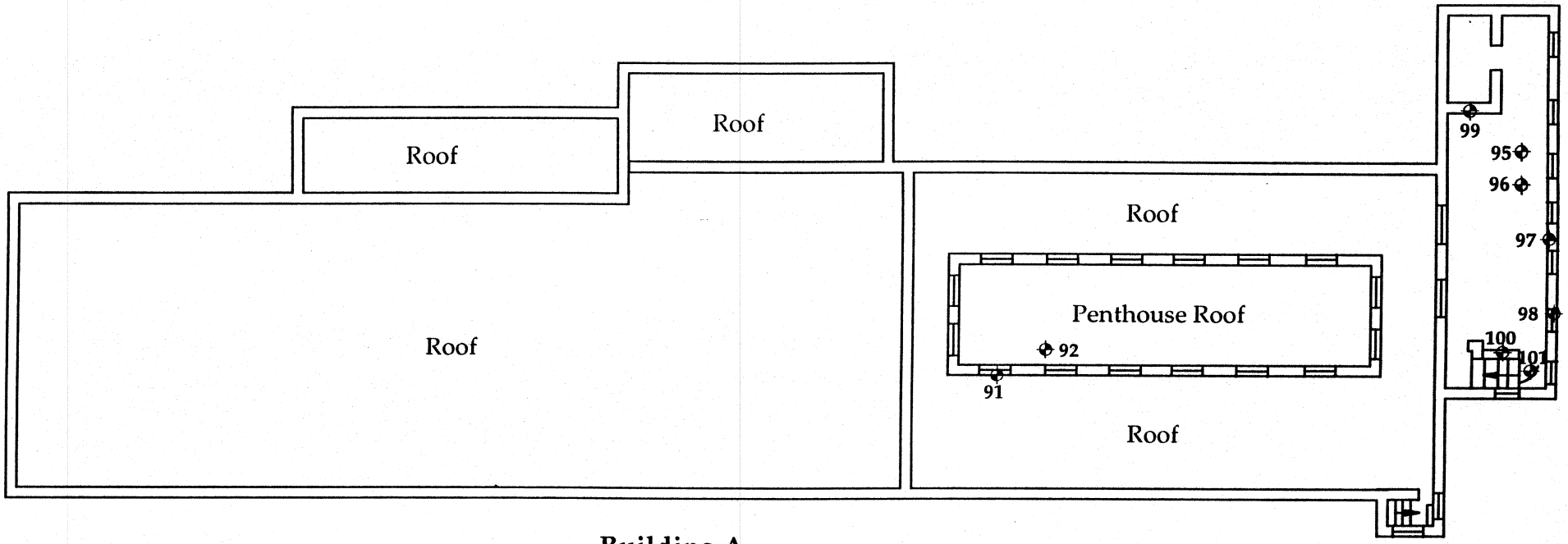


Building A

FIGURE 01	DRAWING TITLE: Lead Paint Inspection Sample Location Diagram Buildings A - Third Floor	
REVISIONS DATE / MARK / DESCRIPTION	DRAWING PREPARED BY **ENVIROMED SERVICES, INC.** 25 SCIENCE PARK, NEW HAVEN, CONNECTICUT	DATE: 2-11-00 SCALE: N.T.S.
	PROJECT: International Silver Co. Cooper Street Meriden, Connecticut	DRAWN BY: DTK APPROVED BY: DTK
	PREPARED FOR: GZA GeoEnvironmental, Inc. 27 Naek Road Vernon, Connecticut	DRAWING NO. 3
	EnviroMed Project # IH-00-057	

Sample Location

N



Building A

FIGURE 01	DRAWING TITLE: Lead Paint Inspection Sample Location Diagram Buildings A - Fourth Floor	
REVISIONS DATE / MARK / DESCRIPTION	DRAWING PREPARED BY **ENVIROMED SERVICES, INC.** 25 SCIENCE PARK, NEW HAVEN, CONNECTICUT	DATE: 2-11-00 SCALE: N.T.S.
	PROJECT: International Silver Co. Cooper Street Meriden, Connecticut	DRAWN BY: DTK APPROVED BY: DTK
	PREPARED FOR: GZA GeoEnvironmental, Inc. 27 Naek Road Vernon, Connecticut	DRAWING NO. 4
	EnviroMed Project # 114-00-057	

Sample Location

N

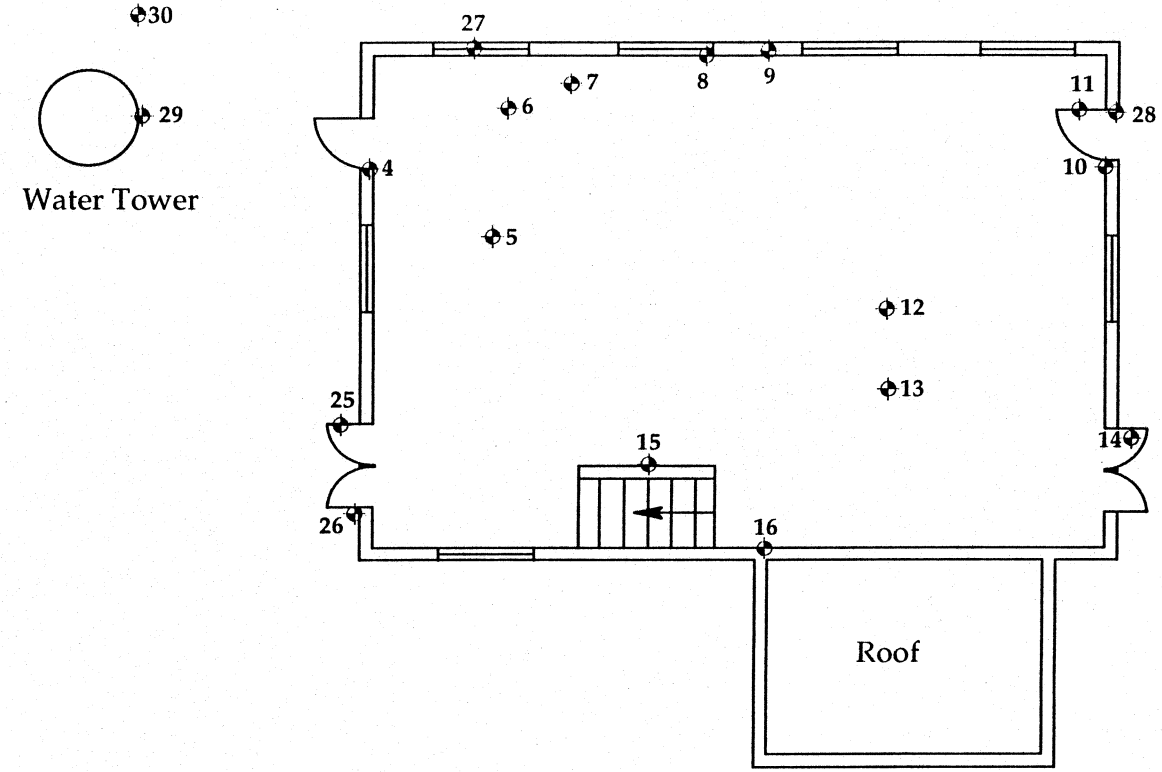


FIGURE 01

REVISIONS

DATE	MARK	DESCRIPTION

DRAWING TITLE: Lead Paint Inspection
Sample Location Diagram
Building C - First Floor

DRAWING PREPARED BY
ENVIROMED SERVICES, INC.
25 SCIENCE PARK, NEW HAVEN, CONNECTICUT

PROJECT: International Silver Co.
Cooper Street
Meriden, Connecticut

PREPARED FOR: GZA GeoEnvironmental, Inc.
27 Naek Road
Vernon, Connecticut

EnviroMed Project # IH-00-057

DATE: 2-11-00
SCALE: N.T.S.
DRAWN BY: DTK
APPROVED BY: DTK
DRAWING NO. 5

◆ Sample Location

N →

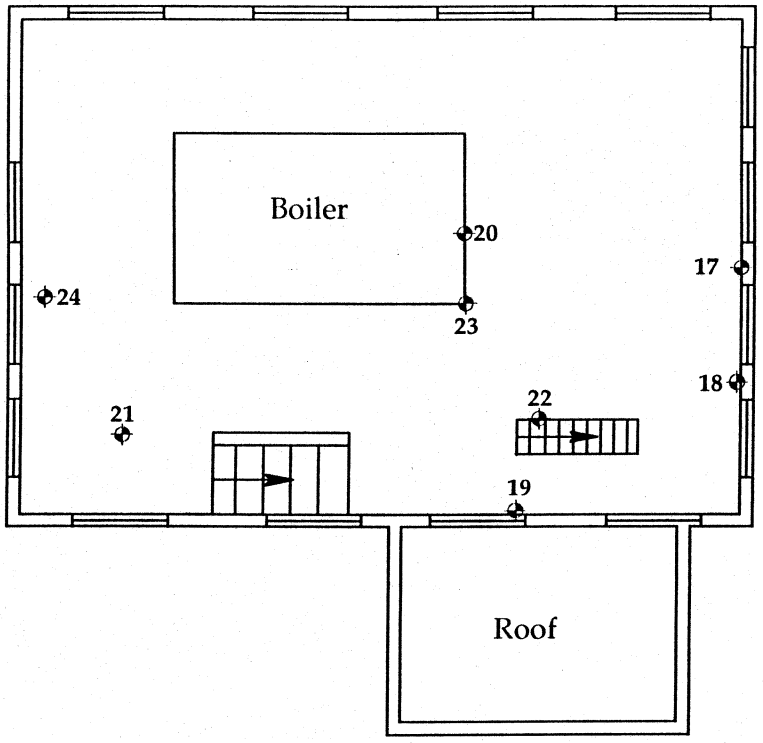


FIGURE 01	DRAWING TITLE: Lead Paint Inspection Sample Location Diagram Building C - First Floor		
REVISIONS DATE / MARK / DESCRIPTION	DRAWING PREPARED BY **ENVIROMED SERVICES, INC.** 25 SCIENCE PARK, NEW HAVEN, CONNECTICUT		DATE: 2-11-00 SCALE: N.T.S.
	PROJECT: International Silver Co. Cooper Street Meriden, Connecticut		DRAWN BY: DTK APPROVED BY: DTK
	PREPARED FOR: GZA GeoEnvironmental, Inc. 27 Naek Road Vernon, Connecticut		DRAWING NO. 6
	EnviroMed Project # IH-00-057		

VI. XRF SAMPLE LOGS

LEAD INSPECTION DATA PAGE

PROJECT NAME: International Silver NO. DOORS: _____

UNIT NUMBER: Building 1, B. NO. WINDOWS: _____

SAMPLE NUMBER	RESULTS (Mg/cm2)	SURFACE TYPE	SUBSTRATE	CONDITION	COMMENT
1	4.4	EWF	M	2	green (+)
2	1.0	Shutter	M	1	over WF (+)
3	0.20	EWL	M	3	
4	1.40	EDR, EDC	M	3	(+)
5	0.10	LWL	BR	3	Build
6	0.60	WWL	BR	3	
7	0.00	DC	M	P	
8	2.00	STAIN RISER, Rail	M	3	(+)
9	0.20	EWT	M	2	2 Floor
10	0.00	I-Beam	M	3	CL 2 Floor
11	2.30	ECOL	M	3	(+) Hopper
12	0.00	EW. Cover	W	1	
13	0.10	E. hopper	M	3	Silver
14	2.0	I-Beam	M	2	(+) Hopper support
15	0.10	LWL	BR	3	
16	0.10	WWL	BR	3	
17	0.60	W. Caulk	W. Frame	3	green
18	1.20	WF	M	3	(+)
19	1.40	COL	M	3	(+)
20	0.10	LWL	CB	2	

LEAD INSPECTION DATA PAGE

PROJECT NAME: Interwational Silver NO. DOORS: _____

UNIT NUMBER: _____ NO. WINDOWS: _____

SAMPLE NUMBER	RESULTS (Mg/cm2)	SURFACE TYPE	SUBSTRATE	CONDITION	COMMENT
21	0.10	uwl	CB	1	
22	1.30	DC	M	3	+
23	2.50	DR	M	2	+
24	12.0	DR	W	2	+
25	1.0	DC	M	3	+
26	0.4	DR	M	3	
27	0.20	DR, DC	M	3	
28	0.40	stall wl	M	3	
29	0.00	CL	C	3	
30	0.10	COL	M	3	T-Beam
31	1.90	CL Beam	M	3	+
32	0.00	FL	C	1	
33	0.20	Rail	M	3	Loft
34	1.00	CL Beam	M	3	Loft +
35	0.00	CL	M	3	Loft
36	0.20	WL	M	3	Loft
37	1.60	WL	M	3	+
38	0.70	stall wl	M	3	
39	0.40	LWL	CB	2	
40	0.10	UWL	CB	2	

LEAD INSPECTION DATA PAGE

PROJECT NAME: International Silver NO. DOORS: _____

UNIT NUMBER: _____ NO. WINDOWS: _____

SAMPLE NUMBER	RESULTS (Mg/cm2)	SURFACE TYPE	SUBSTRATE	CONDITION	COMMENT
41	1.70	Dr,DC	M	3	+
42	0.30	COL	M	3	
43	0.00	FL	C	1	
44	1.30	WF	M	3	+ Luft
45	0.20	WF	M	3	Luft
46	0.80	COL	M	3	Luft
47	0.20	LwL	Br	3	Luft
48	0.10	LwL	Br	3	Luft
49	0.00	FL	C	1	Luft
50	0.60	Stairriser	M	3	
51	3.30	Dr,DC	M	3	+
52	0.10	LwL	W	1	
53	0.10	LwL	W	1	
54	0.20	COL	M	3	
55	1.30	COL	M	3	+
56	0.70	WF	M	3	
57	1.10	test	—	—	
58	1.10	test	—	—	
59	1.00	test	—	—	
60	1.00	test			

LEAD INSPECTION DATA PAGE

PROJECT NAME: International silver

NO. DOORS: _____

UNIT NUMBER: _____

NO. WINDOWS: _____

SAMPLE NUMBER	RESULTS (Mg/cm2)	SURFACE TYPE	SUBSTRATE	CONDITION	COMMENT	
01	1.10	test	—	—		
02	1.10	test	—	—		
03	1.10	test	—	—		
04	6.8	EDR	W	3	G.	+
05	5.3	EDC	M	3		+
06	0.00	EW.cover	W	1	green	
07	0.00	EW.cover	W	1	red	
08	0.10	EWL	Br	3	WL	
09	0.10	EDR.DC	M	3		
70	0.10	EW.cover	W	2	LH-Rep	
71	2.30	EDR/DC	M	3		+
72	1.80	EDR	M	3		+
73	0.10	WL	Br	3		
74	0.20	WF	M	3	3 story park	
75	0.90	LWL	Br	2	green	
76	0.20	COL	M	3	FB	
77	0.80	COL	M	3	"	
78	0.40	UWL	Br	3	White	2F
79	0.20	WL	Br	3		2F
80	0.00	CL	3			2F

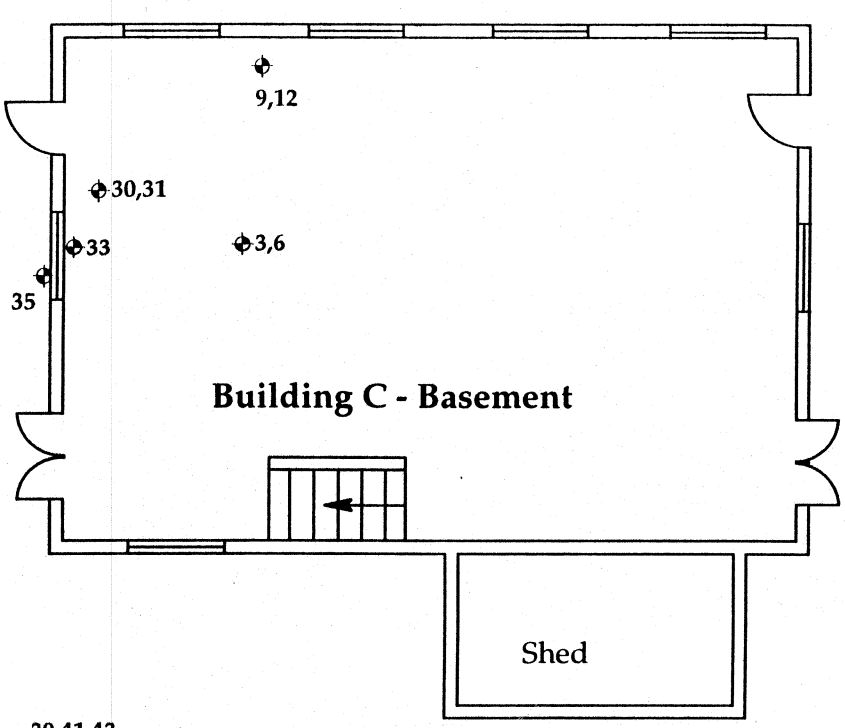
2F

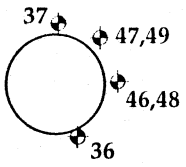
LEAD INSPECTION DATA PAGE

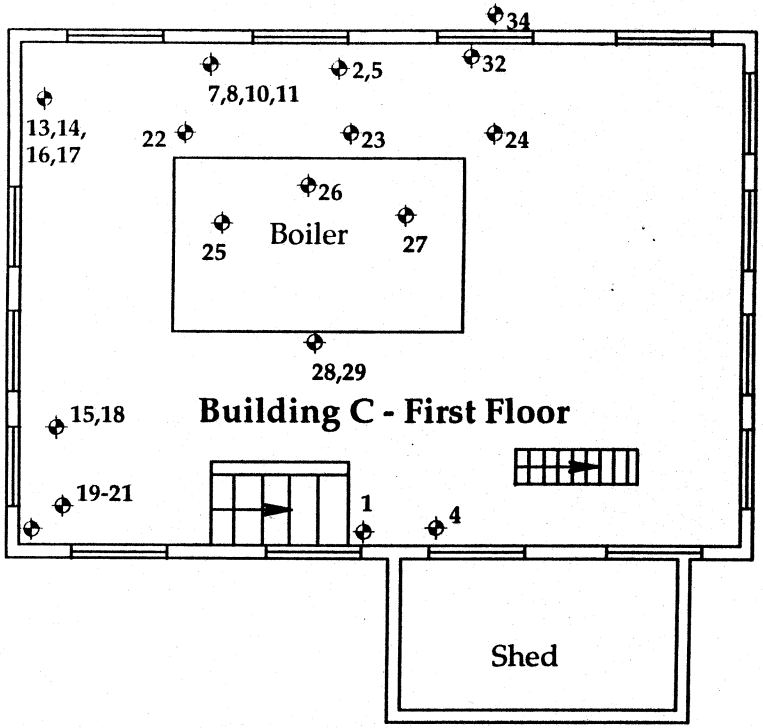
PROJECT NAME: International Silver NO. DOORS: _____

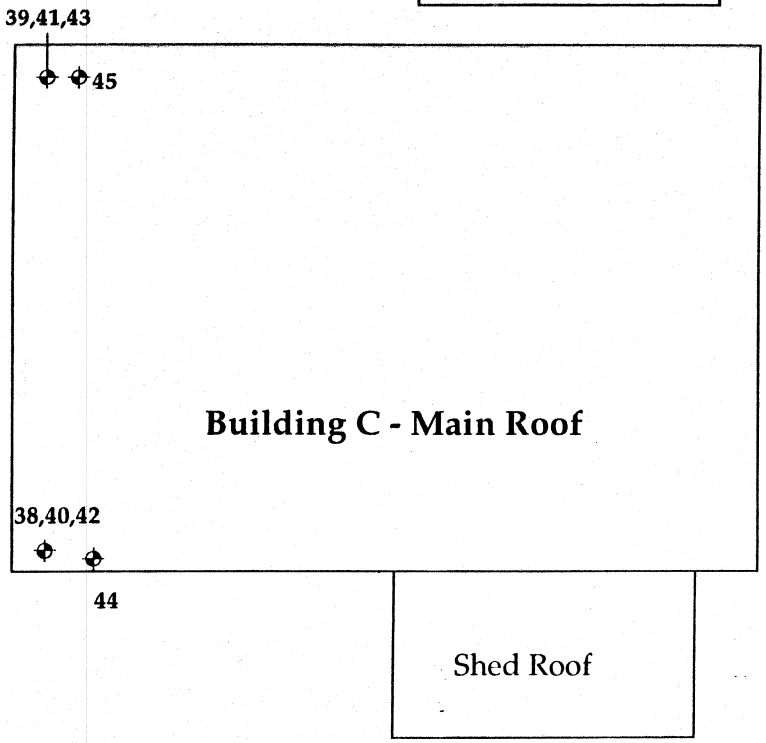
UNIT NUMBER: _____ NO. WINDOWS: _____

SAMPLE NUMBER	RESULTS (Mg/cm2)	SURFACE TYPE	SUBSTRATE	CONDITION	COMMENT	
81	0.20	CoL	M	3	I.B	2F
82	1.30	WF	M	3		2F ⊕
83	2.40	Dr-slider	M	3		2F ⊕
84	2.70	railstar	M	3	Sweep	2F ⊕
85	0.10	Duct	M	3		2F
86	0.20	WL	Br	3		
87	0.20	pipe	M	3		
88	0.00	wall	W	3	offices	
89	0.00	CoL	M	3	I.B	
90	0.10	WF	M	3	~~paint~~ (paper)	
91	1.20	EWF	M	3R	" (paper)	⊕
92	0.20	CL	C	3R	" (paper)	
93	2.80	EWF	M	3	green	⊕
94	2.60	EWF	M	3	2F	⊕
95	0.00	UCoL	W	3	white	4F
96	0.40	LCoL	W	3	gray	4F ⊕
97	10.0	WL	Br	3	white	4F ⊕
98	14.0	WC	W	3		4F
99	0.00	WL	W	2		4F
100	0.00	WL	W	2		4F









Legend:

⌖ = Sample Number & Location

REVISIONS		
DATE	MARK	DESCRIPTION

Drawing Title: **Asbestos Bulk Sample Location Diagram**

Prepared by: EnviroMed Services, Inc.
25 Science Park, New Haven, CT 06511

Date: 02/10/00

Scale: N.T.S.

Project: **International Silver Co.**
Building C - Basement & First Floor
Cooper Street, Meriden, Connecticut

Drawn By: L.X.

Approved By: T.B.

Prepared for : GZA Geo Environmental, Inc.
27 Nack Road
Vernon, Connecticut

Drawing No. 6

EMS # 111-00-057

12,738 sq ft.

LEAD INSPECTION DATA PAGE

PROJECT NAME: International Silver NO. DOORS: _____

UNIT NUMBER: _____ NO. WINDOWS: _____

SAMPLE NUMBER	RESULTS (Mg/cm2)	SURFACE TYPE	SUBSTRATE	CONDITION	COMME	
101	0.10	Dr	W	2		4F
102	0.60	LCOL	W	3	Lt. green	3F 3F
103	0.90	WCOL	W	3	wh	3F
104	0.80	LWL	Br	3	gray	3F
105	0.90	WWL	Br	3	wh	3F
106	1.80	WC	W	3		3F (+)
107	7.3	WSIT	W	3		3F (+)
108	0.00	WL	W	3		3F
109	0.00	WWL	CB	1		3F
110	0.10	WWL	C	2		3F
111	0.10	LWL	C	3		3F
112	0.10	Stallwk	M	3		3F
113	0.00	CL	W	3		3F
114	0.10	COL	W	3		2F
115	0.80	WL	Br	3	under pan	= (+)
116	3.3	WJ	W	3	green	2F (+)
117	4.3	FNSIT	W	3		2F
118	0.30	WSIT	W	3		2F
119	0.00	WL	W	0	Varn.	2F
120	0.00	WL	W	3		2F

LEAD INSPECTION DATA PAGE

PROJECT NAME: International Silver NO. DOORS: _____

UNIT NUMBER: _____ NO. WINDOWS: _____

SAMPLE NUMBER	RESULTS (Mg/cm2)	SURFACE TYPE	SUBSTRATE	CONDITION	COMME
121	0.10	Dr	W	3	2F
122	0.20	WL	CB	1	2F
123	0.10	WWL	BR	1	(L) 2F
124	1.40	LWL	BR	2	2F
125	0.10	WWL	BR	3	
126	0.90	LWL	BR	3	green
127	0.80	WCOL	W	3	
128	28.0	WL	W	3	(+)
129	13.0	WSLT	W	2	(+)
130	0.20	WWL	W	1	wh.
131	0.20	LWL	W	1	green
132	1.10	test	—		
133	1.10	test	—		
134	1.10	test	—		

IF

LEAD INSPECTION DATA PAGE

PROJECT NAME: International Silver

UNIT NUMBER: Beiler House Building "C"

NO. DOORS: _____

NO. WINDOWS: _____

SAMPLE NUMBER	RESULTS (Mg/cm2)	SURFACE TYPE	SUBSTRATE	CONDITION	COMMENT
1	1.10	test	—		
2	1.10	test	—		
3	1.10	test	—		
4	6.23	DC	M	3	(+)
5	0.00	I-Beam	M	1	6" painted
6	0.30	PAD	C	3	red
7	0.20	pipe	M	3	Red
8	0.00	WF	M	3	
9	0.10	WL	C	1	silver
10	0.00	DC	W	2	
11	4.50	DR	M	3	(+)
12	6.10	COL-IB	M	2	gray - 1' (+)
13	2.90	COL-IB	M	3	6"
14	0.00	DR	M	3	
15	0.00	WL	W	3	
16	0.10	WL	C	2	
17	0.30	WL	BR	3	(2A)
18	2.50	COL	IBM	3	way (2A) (+)
19	0.00	WF	M	3	(2A)
20	0.00	WL	BR	3	(2F)

LEAD INSPECTION DATA PAGE

PROJECT NAME: International Silver

UNIT NUMBER: Boiler House Building "C"

NO. DOORS: _____

NO. WINDOWS: _____

SAMPLE NUMBER	RESULTS (Mg/cm2)	SURFACE TYPE	SUBSTRATE	CONDITION	COMMENT
21	0.10	pipe wrap	ASB	3	(2F
22	5.8	steel	M	3	to pad (2F) (+)
23	1.90	COL	M	3	on Boiler (2F) (+)
24	0.30	pipe	M	3	(2=)
25	0.10	EDR	M	3	
26	0.10	EDC	M	3	
27	1.30	EWF	M	3	(+)
28	6.80	EDL, EDC	M	3	(+)
29	0.10	ETank	M	3	
30	0.20	ETrack	M	3	

VII. LABORATORY ANALYSIS SHEETS - TCLP RESULTS

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 21, 2000

FOR: Mr. David Kohl
EnviroMed Services, Inc.
25 Science Park
New Haven CT 06511

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/11/00	20:59
Location Code:	ENVMED	Received by:	SW	02/16/00	14:20
Project Code:	RUSH#	Analyzed by:	see below		
P.O.#:	94-170				

Laboratory Data

Client ID: INTERNAT BUILD A PTED METAL Phoenix I.D. AC57247

Parameter	Result	MDL	Units	Date	by	Reference
TCLP Lead	0.349	0.015	mg/L	02/18/00	EK	E1311/SW6010
TCLP Extraction Metals	Completed			02/16/00	PL	EPA 1311

Comments: ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber, Laboratory Director
February 21, 2000

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 21, 2000

FOR: Mr. David Kohl
EnviroMed Services, Inc.
25 Science Park
New Haven CT 06511

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/11/00	20:59
Location Code:	ENVMED	Received by:	SW	02/16/00	14:20
Project Code:	RUSH#	Analyzed by:	see below		
P.O.#:	94-170				

Laboratory Data

Client ID: INTERNAT BLDG A - M. WINDOW Phoenix I.D. AC57244

Parameter	Result	MDL	Units	Date	by	Reference
TCLP Lead	0.091	0.015	mg/L	02/18/00	EK	E1311/SW6010
TCLP Extraction Metals	Completed			02/16/00	PL	EPA 1311

Comments: ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber

John M. Schreiber, Laboratory Director
February 21, 2000

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 21, 2000

FOR: Mr. David Kohl
EnviroMed Services, Inc.
25 Science Park
New Haven CT 06511

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/11/00	20:59
Location Code:	ENVMED	Received by:	SW	02/16/00	14:20
Project Code:	RUSH#	Analyzed by:	see below		
P.O.#:	94-170				

Laboratory Data

Client ID: INTERNAT BUILD A PTED WOOD Phoenix I.D. AC57246

Parameter	Result	MDL	Units	Date	by	Reference
TCLP Lead	42.1	0.15	mg/L	02/18/00	EK	E1311/SW6010
TCLP Extraction Metals	Completed			02/16/00	PL	EPA 1311

Comments: ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber

John M. Schreiber, Laboratory Director
February 21, 2000

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587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 21, 2000

FOR: Mr. David Kohl
EnviroMed Services, Inc.
25 Science Park
New Haven CT 06511

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/11/00	20:59
Location Code:	ENVMED	Received by:	SW	02/16/00	14:20
Project Code:	RUSH#	Analyzed by:	see below		
P.O.#:	94-170				

Laboratory Data

Client ID: INTERNAT SILVER WOOD WINDOW Phoenix I.D. AC57245

Parameter	Result	MDL	Units	Date	by	Reference
TCLP Lead	46.9	0.15	mg/L	02/18/00	EK	E1311/SW6010
TCLP Extraction Metals	Completed			02/16/00	PL	EPA 1311

Comments: ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber

John M. Schreiber, Laboratory Director
February 21, 2000

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 21, 2000

FOR: Mr. David Kohl
EnviroMed Services, Inc.
25 Science Park
New Haven CT 06511

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/11/00	20:59
Location Code:	ENVMED	Received by:	SW	02/16/00	14:20
Project Code:	RUSH#	Analyzed by:	see below		
P.O.#:	94-170				

Laboratory Data

Client ID: INTERNAT BUILD A BRICK Phoenix I.D. AC57248

Parameter	Result	MDL	Units	Date	by	Reference
TCLP Lead	41.5	0.15	mg/L	02/18/00	EK	E1311/SW6010
TCLP Extraction Metals	Completed			02/16/00	PL	EPA 1311

Comments: ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber

John M. Schreiber, Laboratory Director
February 21, 2000

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
February 21, 2000

FOR: Mr. David Kohl
EnviroMed Services, Inc.
25 Science Park
New Haven CT 06511

ample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/11/00	20:59
ocation Code:	ENVMED	Received by:	SW	02/16/00	14:20
roject Code:	RUSH#	Analyzed by:	see below		
P.O.#:	94-170				

Laboratory Data

Client ID: INTERNAT SILVER BOILER METAL Phoenix I.D. AC57243

arameter	Result	MDL	Units	Date	by	Reference
CLP Lead	0.676	0.015	mg/L	02/18/00	EK	E1311/SW6010
CLP Extraction Metals	Completed			02/16/00	PL	EPA 1311

Comments: ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber

John M. Schreiber, Laboratory Director
February 21, 2000

4. Mercury switches identified within the buildings shall be packaged for shipment as hazardous waste, and disposed of as mercury hazardous waste or be sent for recycling at an approved facility. Mercury switches must never be incinerated or disposed of in the trash.

5. Residues and/or staining within the duct work, dust collectors and on floor areas shall be waste characterized prior to clean-up of the waste. Once the waste(s) are identified they shall be properly transported and disposed of in accordance with all applicable regulations.

6. The USTs identified should be sampled for contents in accordance with Connecticut DEP and EPA requirements. Samples should also be obtained from the soil beneath the tanks and around the piping to determine possible leakage of material into the surrounding soil. All tank removals should be by a licensed contractor familiar with tank removal techniques and following CTDEP and EPA requirements for UST closures.

7. All the chemicals within containers, drums and mechanical systems that were identified within the site buildings shall be disposed of in accordance with all applicable regulations. Any containers or drums that are unknown as to their contents shall undergo sampling for waste characterization. Proper transport and disposal shall be completed by a certified Contractor to an approved disposal facility.

Costs for the above summarized hazardous materials for the Site will be provided under separate cover.

LIMITATIONS ON WORK

EnviroMed Services, Inc. warrants that all work performed on this Project has conformed to the previously submitted written scope of work. EnviroMed further warrants that all professional services were performed to the professional standards current at the time this work was performed.

EnviroMed's work for this Project was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area, and EnviroMed observed the degree of care and skill generally exercised by other consultants under similar circumstances and conditions. Specifically, EnviroMed does not and cannot represent that the Site contains no hazardous material, oil or other latent condition beyond that observed by EnviroMed during its site assessment.

The hazardous materials portion of this work did not assess the subsurface regarding latent conditions of soil, ground water or surface waters which may be the result of on-site or off-site sources.

Areas were snow covered during the time of the inspection, which limited the view of the Site ground surfaces. The basement level in the four-story section of Building A was not inspected due to icy floor conditions and potential confined space issues.

This study and report was prepared on behalf of and for the exclusive use of GZA GeoEnvironmental, Inc. This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without the prior written consent of GZA GeoEnvironmental, Inc. However, EnviroMed acknowledges and agrees that the Report may be conveyed to the legal counsel of GZA GeoEnvironmental, Inc. EnviroMed's Aggregate Liability to those relying on our report is limited to the amount set forth in the terms and conditions of our contract with GZA GeoEnvironmental, Inc.

Attachment A - Figure 1

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 21, 2000

FOR: Mr. David Kohl
EnviroMed Services, Inc.
25 Science Park
New Haven CT 06511

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/11/00	20:59
Location Code:	ENVMED	Received by:	SW	02/16/00	14:20
Project Code:	RUSH#	Analyzed by:	see below		
P.O.#:	94-170				

Laboratory Data

Client ID: INTERNAT SILVER BOILER WINDOW Phoenix I.D. AC57242

Parameter	Result	MDL	Units	Date	by	Reference
TCLP Lead	0.284	0.015	mg/L	02/18/00	EK	E1311/SW6010
TCLP Extraction Metals	Completed			02/16/00	PL	EPA 1311

Comments: ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber

John M. Schreiber, Laboratory Director
February 21, 2000

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QC Report

AC57249 February 21, 2000

Sample ID AC57249

Analysis: **ICP Metals Analysis QC** *AC57249*

QC Source: ERA 9989 MIN QCI 702 ICP 1299 Analyte	Blank	QC Check Sample (% Rec.)	QC Spike Sample (% Rec.)	QC Sample Replicate (% change)
Ag Silver	<0.01	102	102	0.0
Al Aluminum	<0.05	105	98	4.7
As Arsenic	<0.05	92	100	NC
Ba Barium	<0.01	101	95	NC
Be Beryllium	<0.01	103	93	NC
Ca Calcium	<0.10	97	88	0.7
Cd Cadmium	<0.01	104	94	NC
Co Cobalt	<0.01	106	102	NC
Cr Chromium	<0.01	104	93	0.0
Cu Copper	<0.01	100	111	NC
Fe Iron	<0.05	107	99	1.3
K Potassium	<0.10	99	-	1.1
Mg Magnesium	<0.01	97	101	1.6
Mn Manganese	<0.01	103	96	0.0
Na Sodium	<0.10	98	-	0.5
Ni Nickel	<0.01	103	92	0.9
Pb Lead	<0.01	104	95	8.9
Se Selenium	<0.05	95	70	NC
Ti Titanium	<0.01	102	102	2.8
V Vanadium	<0.01	106	104	NC
Zn Zinc	<0.01	106	94	10.9

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber

John M. Schreiber
Laboratory Director

Hazardous Materials Assessment

Project Narrative

EnviroMed Services, Inc. (EnviroMed) has completed the Hazardous Materials Assessment (HMA) for the above referenced site. This task included a determination of hazardous and regulated materials within and adjacent to the structure that would require mitigative actions in accordance with applicable regulations prior to the initiation of demolition for each of the above referenced buildings. The inventory for chemical storage in the buildings was performed by EnviroMed on February 8, 2000.

The subject site is comprised of the former International Silver Company, located on Cooper Street in Meriden, CT (see Figure 1 in Attachment A). The buildings that were inspected are unoccupied and are in disrepair. Former operations at the site were the former C. Rogers and Brothers Silverware Company from circa 1867 to circa 1903. More recently the buildings were occupied by the International Silver Company. A detailed walk-through was completed for interior and exterior areas at the subject site to inventory hazardous/regulated materials. Attachment B includes a site map of the property referencing the locations of buildings and other prominent features. The HMA has been completed and is summarized below.

Building A

Building A is a rectangular brick structure with three separate sections; a one story open area with a saw tooth roof (south section), a three story section (center section), and a smaller four story wing (north section).

South Section

First Floor

Open area consisting of wooden floors covered by solid waste debris composed of wooden boxes, bottles, cans, and broken pipes. Areas of flooring have collapsed into a sub-floor which contains water and piping.

Multiple fluorescent lighting fixtures were observed throughout this section of the building (potential for polychlorinated biphenyls in ballasts and potential for mercury in fluorescent lamps).

Chemical storage noted was a 20-gallon drum with residual oil/petroleum product (small storage room ,west side), empty 55-gallon drum (large storage room, west side), northwest side near staircase a sump pump with possible oil residue, and west side pump room- 5 concrete pads oil stained, 9ft x 4ft cutout in floor with residual oil, 30-gallon empty drum, 5-gallon bucket of tar, and a 40-gallon empty drum.

There was a floor drain on the south end, no staining or unusual odors were noted.
Located on the west side underneath a stairwell is a water tank with an observed mercury switch.

Two interior monitoring wells within the concrete floor were noted in the south end of this floor.

Three-Story Section

First Floor

This area noted heavy accumulation of wooden boxes, discarded pipes and other solid waste debris.

Second Floor

Fluorescent lighting with ballasts in the stairway and in the main floor area was observed.
A mercury thermostatic switch was observed on the east wall adjacent to the freight elevator.
Seven cans of spray paint and two 1-gallon containers of paint were observed.

Two wall-mounted transformers were observed on the west wall and one wall-mounted transformer (E-19) was observed in center of the room, all these transformers were older type typically liquid filled (potential PCBs).

Two dust collectors were observed on the south adjacent roof (possible residue).

Third Floor

Fluorescent lighting with ballasts in the stairway and in the main floor area was noted. Two wall-mounted transformers were observed on this floor.

Fifteen 5-gallon pails of roofing cement were observed to be partially full with the wooden floor stained (100 square feet of floor staining). An approximate 100 square foot area of potential corrosive residue was observed on the wooden floor. Exhaust ducts with possible residue were noted in this south section.

Four-Story Section

Basement

The basement consisted of brick columns, piping and water pumps. EnviroMed inspected the basement in a limited fashion due to ice on the floor and unknown confined space issues.

First Floor

Located on the west side is a raised water tank with an observed mercury switch.

Second Floor

Heavy debris was noted on the floor consisting of wood boards, trash, paper, and furniture.

A mercury thermostatic switch was noted on the west wall of this room.

Third Floor

Fluorescent lighting with ballasts were noted on this floor.

Fourth Floor

Ducting in the northwest corner of this area with possible residue was observed. Black ash was noted on the wooden floor adjacent to the freight elevator (approximately 20' x 20').

A mercury thermostatic switch was observed on the north wall of this floor.

Building B- Former Transformer Building

Two-story brick building formerly housing transformers (PCB status of former transformers unknown). No stained surfaces were noted in this building. All electrical equipment has been removed. Two fluorescent fixtures on the first floor and two fluorescent fixtures on the second floor were observed. A sub-floor filled with trash (e.g., bottles, paper and cans) was noted for this building.

Building C -Boiler House

Two-story brick building which was formerly utilized as the steam generating power plant for the facility. On the east side of the boiler house is an attached tank bunker building. According to the map located in Attachment B depicted as Item 1, (map generated by WESTON, dated 7/10/97) the tanks in the bunker are two 20,000-gallon diesel oil being described as under ground storage tanks (USTs). EnvircMed did observed evidence of two tanks (i.e., top of tanks observed). During the HMA, it could not be determined if oil remains in the tanks.

First Floor

The first floor consisted of concrete covered with debris- trash, bottles, tires, broken furniture, and discarded pipes.

Observed in the northeast corner was the oil pump and oil lines with observed oil staining on the concrete wall and floor area (5' x 5').

All the mechanical equipment noted on the first floor was disconnected.

Second Floor

Two gas/oil fired boilers were observed.
One light ballast in a fluorescent fixture on the second floor was observed.

Exterior Areas

Potential suspect Areas of Environmental Concern (AOEC) associated with exterior areas are indicated on Attachment B. Descriptions of these AOEC are described in this section and are based upon the map generated by WESTON from previous assessment data and observations made by EnviroMed.

AOEC Item 4 reportedly is a gasoline UST. Evidence for this UST was observed by EnviroMed, with a three inch fill pipe noted south of the boiler house (gasoline odor noted at the fill pipe).

South of the boiler house is the 150,000-gallon above grade water tank.
Areas to the northeast and north of the boiler house are described as open fields with low vegetation and a debris pile to the northeast consisting of soil, pipes and concrete. Two additional debris piles were observed southwest and southeast of the boiler house (i.e., concrete, soil and steel).

A total of three monitoring wells were noted in the north and northeast section of the property. Additionally, five monitoring wells were observed west and south of the boiler house.

Running through the center of the Site is Harbor Brook flowing from north to south. Some debris was noted in river bed (e.g., tires, pipes, and trash). Several discharge pipes in the west bank masonry wall- one 20" clay pipe and numerous smaller outlets were observed. No current discharges were observed.

Item 3 depicted on the map in Attachment B reportedly is a 10,000-gallon wastewater UST. EnviroMed did observed evidence for the wastewater UST (i.e., top of the tank).
Item 13 on the map is a reported dry well. EnviroMed did observed that there was a slight depression in the ground surface in this located, although it could not be determined if this is the location of the reported dry well due to the snow cover.

Twenty-five exterior dust collectors connected to the east wall of Building A were observed. Dusty residue to soil was found beneath the dust collectors.

Item 6 on the map is the reported location of fill pipes for five potential USTs. EnviroMed did observed two fill pipes in this location. Snow cover limited the view of the ground surface.

South of Building B is a concrete pad with a fence indicating a high voltage area (potential electrical transformer). Adjacent to the concrete pad is two concrete tank supports (typical of an above ground tank). Adjacent to the tank supports is evidence for a UST, where a three inch fill pipe was observed underneath a wooden hatch.

A reported 1,000-gallon kerosene UST is depicted as Item 2 on the map. EnviroMed did see evidence for this UST with steel piping typical of a UST fill being present.
On the southwest exterior of the Site is an alleyway with four 55-gallon drums, contents of the drums are unknown.

The northwest section in a small courtyard off of the property near the Veterans Memorial Medical Center noted a vent and fill pipe for a UST.

Due to the planned demolition and remediation activities at the subject site, EnviroMed details the following potential environmental concerns and recommendations relating to the buildings at the Site.

1. Proper handling, transport and disposal of the fluorescent lighting ballasts shall follow all applicable regulations. Prior to demolition of the buildings, approximately 250 standard size fluorescent lighting ballasts shall be dismantled, drummed, shipped and disposed of. The fluorescent lights possess ballasts that may contain polychlorinated biphenyls (PCBs) or diethyl hexyl phthalate (DEHP). DEHP is a listed hazardous waste as referenced in 40 CFR 261. The hazardous waste number given to DEHP is U028. Assume DEHP-containing ballasts, which shall be disposed of at a hazardous waste landfill.

2. Approximately 25 fluorescent bulbs (4 foot and 8 foot length bulbs) potentially mercury-containing shall be dismantled, packaged, transported and dispose of according to all applicable regulations. Assume mercury-containing lamps, which shall go for reclamation at a lamp recycling facility. Mercury-containing lamps should never be incinerated.

3. If the old type transformers within the buildings contain dielectric fluid, they should be sampled and sent to a laboratory for PCB verification analysis. The fluid should be drained, transported and then properly disposed/reclaimed depending on its PCB status.

Attachment B - Site Map

Figure 1
Site Location

ENVIROMED SERVICES INC.
New Haven, Connecticut

Project Name : **International Silver - Factory H**
Cooper Street
Meriden, Connecticut

Date : February 8, 2000

1/2 0 1
Miles

1000 0 1000 2000 3000 4000 5000 6000 7000
Feet

1/2 0 1
Kilometer

N

Meriden

APPENDIX C

Bulk Asbestos Analysis Report **EnviroMed Services, Inc.**

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057-C-49 Lab # 14714

Client Name, Address: G. Z. A. Environmental

Sample Location: (Including Room, Building) O.I Tank
Boiler House (Bldg. C)
International Silver Co., Cooper St., Meriden CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other: O.I Tank Flashing Paper

Collected by: T.O.B. Analyzed by:

Date: 2-9-00 Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)			
Type of Asbestos Present			
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)			
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present			
Total % Asbestos (sample)			

Comments:

NVLAP Lab Code #1514 Mass. Certificate #A A 000049 NY Lab # 11187 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

Bulk Asbestos Analysis Report

25 Science Park New Haven, CT (203)786-5580

Sample ID #: IH-00-057C - QC# 16 Lab # 14714 QC

Client Name, Address: GZA Environmental

Sample Location: (Including Room, Building) Boiler Floor
Boiler House (Bldg 6)
International Silver Co. Cooper St. Meriden, CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling Tile:
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: x 3" pipe	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing:
		Transite:
		Wallboard:
		Other:

Collected by: T. O. B.

Date: 2-9-00

Analyzed by: J. Cedrone

Date: 2/23/00

Analytical Method: Polarized Light Microscopy with Dispersion Staining

	A	B	C
Homogeneous (y,n)			
Gross Appearance (color, texture)	Gray fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	50%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	+1.547/⊥1.556		
Dispersion Colors Parallel/Perpendicular	+Blue/⊥Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N/L		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% cellulose		
Non-Asbestos Fibers Optical Property			
Type(s) & Percent of (non-fibrous) Materials Present	40% Particulate		
Total % Asbestos (sample)	50% Chrysotile		

Comments: QC# 16

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the client to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 10/98

APPENDIX C
GZA LABORATORY TEST RESULTS

GZA GeoEnvironmental, Inc.
320 Needham Street
Newton Upper Falls, MA 02464

ANALYTICAL REPORT

GZA GeoEnvironmental, Inc.
27 Naek Road
Vernon, CT 06066

D. Wisialowski

Project Name: International Silver
Project No.: 42381.00

Date Received: 4/07/00
Date Reported: 4/14/00
Work Order No.: 0004-00053

Sample ID: GZSS-1 0.8-1.3
Sample Date: 4/06/2000

Sample No.: 001

Test Performed	Method	Results	Units	Tech	Analysis Date
POLYCHLORINATED BIPHENYLS	EPA 8082			RJD	4/13/00
Aroclor 1262	EPA 8082	< 150	ug/kg	RJD	4/13/00
Aroclor 1260	EPA 8082	210	ug/kg	RJD	4/13/00
Aroclor 1254	EPA 8082	< 150	ug/kg	RJD	4/13/00
Aroclor 1248	EPA 8082	< 150	ug/kg	RJD	4/13/00
Aroclor 1242/1016	EPA 8082	< 150	ug/kg	RJD	4/13/00
Aroclor 1232	EPA 8082	< 150	ug/kg	RJD	4/13/00
Aroclor 1221	EPA 8082	< 150	ug/kg	RJD	4/13/00
Surrogates:	EPA 8082				
***Tetrachloro-m-xylene	EPA 8082	72.0	% R	RJD	4/13/00
***Decachlorobiphenyl	EPA 8082	75.0	% R	RJD	4/13/00
Extraction		1.0	DF	TLD	4/11/00
RCRA METALS				AJY	4/11/00
Silver	EPA 6010	154	mg/Kg	AJY	4/11/00
Arsenic	EPA 6010	10.2	mg/Kg	AJY	4/11/00
Barium	EPA 6010	143	mg/Kg	AJY	4/11/00
Cadmium	EPA 6010	0.626	mg/Kg	AJY	4/11/00
Chromium	EPA 6010	26.3	mg/Kg	AJY	4/11/00
Mercury	EPA 7471A	0.109	mg/Kg	KTK	4/10/00
Lead	EPA 6010	114	mg/Kg	AJY	4/11/00
Selenium	EPA 6010	< 17.2	mg/Kg	AJY	4/11/00
TOTAL CYANIDE	EPA 9012		mg/L		
PERCENT SOLID		77.7	%	LMH	4/11/00

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: International Silver
Project No.: 42381.00

Work Order No.: 0004-00053

Sample ID: GZSS-2 1.3-1.8
Sample Date: 4/06/2000

Sample No.: 002

Test Performed	Method	Results	Units	Tech	Analysis Date
RCRA METALS				AJY	4/11/00
Silver	EPA 6010	<5.06	mg/Kg	AJY	4/11/00
Arsenic	EPA 6010	2.57	mg/Kg	AJY	4/11/00
Barium	EPA 6010	56.4	mg/Kg	AJY	4/11/00
Cadmium	EPA 6010	<0.405	mg/Kg	AJY	4/11/00
Chromium	EPA 6010	9.47	mg/Kg	AJY	4/11/00
Mercury	EPA 7471A	<0.00839	mg/Kg	KTK	4/10/00
Lead	EPA 6010	<6.27	mg/Kg	AJY	4/11/00
Selenium	EPA 6010	<14.2	mg/Kg	AJY	4/11/00
TOTAL CYANIDE	EPA 9012		mg/L		
PERCENT SOLID		92.5	%	LMH	4/11/00

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: International Silver
Project No.: 42381.00

Work Order No.: 0004-00053

Sample ID: GZSS-3 1.0-1.5
Sample Date: 4/06/2000

Sample No.: 003

Test Performed	Method	Results	Units	Tech	Analysis Date
POLYCHLORINATED BIPHENYLS	EPA 8082			RJD	4/13/00
Aroclor 1262	EPA 8082	<50	ug/kg	RJD	4/13/00
Aroclor 1260	EPA 8082	65	ug/kg	RJD	4/13/00
Aroclor 1254	EPA 8082	<50	ug/kg	RJD	4/13/00
Aroclor 1248	EPA 8082	<50	ug/kg	RJD	4/13/00
Aroclor 1242/1016	EPA 8082	<50	ug/kg	RJD	4/13/00
Aroclor 1232	EPA 8082	<50	ug/kg	RJD	4/13/00
Aroclor 1221	EPA 8082	<50	ug/kg	RJD	4/13/00
Surrogates:	EPA 8082				
***Tetrachloro-m-xylene	EPA 8082	68.9	% R	RJD	4/13/00
***Decachlorobiphenyl	EPA 8082	93.9	% R	RJD	4/13/00
Extraction		1.0	DF	TLD	4/11/00
RCRA METALS				AJY	4/11/00
Silver	EPA 6010	28.6	mg/Kg	AJY	4/11/00
Arsenic	EPA 6010	1.88	mg/Kg	AJY	4/11/00
Barium	EPA 6010	76.2	mg/Kg	AJY	4/11/00
Cadmium	EPA 6010	0.963	mg/Kg	AJY	4/11/00
Chromium	EPA 6010	36.4	mg/Kg	AJY	4/11/00
Mercury	EPA 7471A	0.0321	mg/Kg	KTK	4/10/00
Lead	EPA 6010	53.1	mg/Kg	AJY	4/11/00
Selenium	EPA 6010	<15.5	mg/Kg	AJY	4/11/00
TOTAL CYANIDE	EPA 9012		mg/L		
PERCENT SOLID		87.5	%	LMH	4/11/00

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: International Silver
Project No.: 42381.00

Work Order No.: 0004-00053

Sample ID: MW-3
Sample Date: 4/06/2000

Sample No.: 004

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			NCC	4/11/00
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	NCC	4/11/00
Chloromethane	EPA 8260	<4.0	ug/L	NCC	4/11/00
Vinyl Chloride	EPA 8260	<2.0	ug/L	NCC	4/11/00
Bromomethane	EPA 8260	<2.0	ug/L	NCC	4/11/00
Chloroethane	EPA 8260	<2.0	ug/L	NCC	4/11/00
Trichlorofluoromethane	EPA 8260	<4.0	ug/L	NCC	4/11/00
Diethylether	EPA 8260	<5.0	ug/L	NCC	4/11/00
Acetone	EPA 8260	<25	ug/L	NCC	4/11/00
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	NCC	4/11/00
Dichloromethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
Methyl-Tert-Butyl-Ether	EPA 8260	<2.0	ug/L	NCC	4/11/00
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,1-Dichloroethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
2-Butanone	EPA 8260	<25	ug/L	NCC	4/11/00
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	NCC	4/11/00
cis-1,2-Dichloroethene	EPA 8260	1.1	ug/L	NCC	4/11/00
Chloroform	EPA 8260	<1.0	ug/L	NCC	4/11/00
Bromochloromethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
Tetrahydrofuran	EPA 8260	<10	ug/L	NCC	4/11/00
1,1,1-Trichloroethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	NCC	4/11/00
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
Benzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
Trichloroethene	EPA 8260	25	ug/L	NCC	4/11/00
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	NCC	4/11/00
Bromodichloromethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
Dibromomethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	NCC	4/11/00
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	NCC	4/11/00
Toluene	EPA 8260	<1.0	ug/L	NCC	4/11/00
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
2-Hexanone	EPA 8260	<2.0	ug/L	NCC	4/11/00
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	NCC	4/11/00
Tetrachloroethene	EPA 8260	<1.0	ug/L	NCC	4/11/00
Dibromochloromethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	NCC	4/11/00
Chlorobenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: International Silver
Project No.: 42381.00

Work Order No.: 0004-00053

Sample ID: MW-3
Sample Date: 4/06/2000

Sample No.: 004

Test Performed	Method	Results	Units	Tech	Analysis Date
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
Ethylbenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
m&p-Xylene	EPA 8260	<1.0	ug/L	NCC	4/11/00
o-Xylene	EPA 8260	<1.0	ug/L	NCC	4/11/00
Styrene	EPA 8260	<1.0	ug/L	NCC	4/11/00
Bromoform	EPA 8260	<2.0	ug/L	NCC	4/11/00
Isopropylbenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	NCC	4/11/00
Bromobenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
N-Propylbenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
2-Chlorotoluene	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
4-Chlorotoluene	EPA 8260	<1.0	ug/L	NCC	4/11/00
tert-Butylbenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
sec-Butylbenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
n-Butylbenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	NCC	4/11/00
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	NCC	4/11/00
Naphthalene	EPA 8260	<1.0	ug/L	NCC	4/11/00
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	NCC	4/11/00
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	89.7	% R	NCC	4/11/00
***Toluene-D8	EPA 8260	94.3	% R	NCC	4/11/00
***4-Bromofluorobenzene	EPA 8260	88.4	% R	NCC	4/11/00
RCRA METALS				AJY	4/11/00
Silver	EPA 6010	<0.00700	mg/L	AJY	4/11/00
Arsenic	EPA 6010	0.0338	mg/L	AJY	4/11/00
Barium	EPA 6010	1.55	mg/L	AJY	4/11/00
Cadmium	EPA 6010	0.00600	mg/L	AJY	4/11/00
Chromium	EPA 6010	0.123	mg/L	AJY	4/11/00
Mercury	EPA 7470A	<0.00020	mg/L	KTK	4/11/00
Lead	EPA 6010	0.206	mg/L	AJY	4/11/00
Selenium	EPA 6010	<0.00500	mg/L	AJY	4/11/00

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: International Silver
Project No.: 42381.00

Work Order No.: 0004-00053

PROJECT NARRATIVE:

1. Sample Login

The samples were delivered by Eastern Connection and received on 4/7/00. The temperature of the temperature blank was taken and recorded on the COC as 10.5C. Samples were received intact for all requested analyses, however, MW-3 could not be tested for Cyanide due to incorrect preservative and insufficient volume. The PM was informed of the descrepancy and canceled the test.

2. Metals Data

The relative percent difference for sample GZSS-3 1.0-1.5 and it's duplicate for Barium is 66.6%, which is outside the acceptance limit of 20%. Sample non-homogeneity is suspected.

3. EPA Method 8260

Attach QC 8260 4/11/00 - S

4. EPA Method 8082

Attach QC 8082 4/11/00 - Solid

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: International Silver
Project No.: 42381.00

Work Order No.: 0004-00053

Organic Data Authorized By: _____

Inorganic Data Authorized By: _____

% R = % Recovery
DF = Dilution Factor
DO = Diluted Out

Soil data is reported on a dry weight basis unless otherwise specified.

Method 8260: The current version of the method is 8260B.
Method 8021: The current version of the method is 8021B.
Method 8270: The current version of the method is 8270C.

Laboratory Identification Numbers:

MA: MA092 NH: 2028
CT: PH0579 NJ: 59759
NY: 11063 RI: A46

Please note that the laboratory signed copy of the chain of custody record is an integral part of the data report.

The laboratory report shall not be reproduced except in full without the written consent of the laboratory.

GZA GEOENVIRONMENTAL, INC.
ENVIRONMENTAL CHEMISTRY LABORATORY
320 NEEDHAM STREET, NEWTON UPPER FALLS, MA 02464
MASSACHUSETTS LABORATORY I.D. NO. MA092

EPA METHOD 8260 ANALYSIS
PURGEABLES IN AQUEOUS AND/OR SOLID MATRIX

QUALITY CONTROL

DATE: 4/11/2000 S

A Q U E O U S

COMPOUND	MATRIX SPIKE RECOVERY (%)	ACCEPTANCE LIMITS (%)	DUPLICATE SPIKE DIFFERENCE (%)	ACCEPTANCE LIMITS (%)
1,1-Dichloroethene	107	65-127	4.56	20
Trichloroethene	100	85-111	4.87	20
Toluene	102	86-105	1.94	20

S O L I D

COMPOUND	MATRIX SPIKE	ACCEPTANCE LIMITS (%)	DUPLICATE SPIKE DIFFERENCE (%)	ACCEPTANCE LIMITS (%)
1,1-Dichloroethene		70-130		35
Trichloroethene		70-130		35
Toluene		70-130		35

M E T H O D B̃ L A N K

TOTAL COMPOUNDS DETECTED	ND

SURROGATES	RECOVERY (%)	Aqueous LIMITS (%)	RECOVERY (%)	Solid LIMITS (%)
1,2-Dichlorobenzene-D4	86.6	80-114		80-120
Toluene-D8	97.8	88-110		81-117
4-Bromofluorobenzene	86.4	86-115		80-120

GZA GEOENVIRONMENTAL, INC.
ENVIRONMENTAL CHEMISTRY LABORATORY
320 NEEDHAM STREET, NEWTON UPPER FALLS, MA 02464
MASSACHUSETTS LABORATORY I.D. NO. MA092

EPA METHOD 8082 ANALYSIS
QUALITY CONTROL SOLID

METHOD BLANK

DATE EXTRACTED: 04/11/00
DATE ANALYZED: 04/12/00

8082 COMPOUNDS POLYCHLORINATED BIPHENYLS	CONC. ug/L-PPB	QUANT. LIMIT ug/L-PPB
AROCLOR 1262	ND	5.0
AROCLOR 1260	ND	5.0
AROCLOR 1254	ND	5.0
AROCLOR 1248	ND	5.0
AROCLOR 1242/1016	ND	5.0
AROCLOR 1232	ND	10
AROCLOR 1221	ND	5.0

8082 SURROGATES	% RECOVERY	RECOV. LIMITS
TETRACHLORO-M-XYLENE	82.0	45-147
DECACHLOROBIPHENYL	87.4	27-138

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

COMPOUND	MATRIX SPIKE RECOVERY (%)	ACCEPTANCE LIMITS (%)	DUPLICATE SPIKE DIFFERENCE (%)	ACCEPTANCE LIMITS (%)
AROCLOR 1232	77.2	40-140	2.18	50

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W.O. # 0004-0003 (for lab use only)

CHAIN-OF-CUSTODY RECORD

Sample I.D.	Date/Time Sampled (Very Important)	Matrix (A=Air, S=Soil, GW=Ground W., SW=Surface W., WW=Waste W., DW=Drinking W., Other (specify))	☐ pH ☐ Cond.	HNU	GC Screen (VOA)	☐ 524.2 ☐ 502.1	WW ONLY: 624	☐ 601 ☐ 602	625	ANALYSIS REQUIRED: 8260	8260-"8240" List	8021	8021-"8010" List	8021-"8020" List	8270 ☐ PAH ☐ A ☐ BN	8082-PCBs Only	8081-Pest Only	TPH-GC (Mod. 8100)	TPH-GC w/FING	EPH (MA DEP)	VPH (MA DEP)	TCLP (Spec. Below)	Filtering (✓ if requested)	Metals ☐ PPM-13 ☒ R-3	Metals (List Below)				Total # of Cont.	Note #
GZSS-1 0.8-1.3	4/6/00 0900	S														X								X					1	*
GZSS-2 1.3-1.8	4/6/00 0900	S																						X					1	↓
GZSS-3 1-1.5	4/6/00 0900	S														X								X					1	↓
MW-3	4/6/00 0930	W								X														X					4	↓ (1)
PRESERVATIVE (Cl - HCl, MeOH, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*																														
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, T-Teflon, O-Other)*										G						G								G/P					(7)	

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Glenn M. Watts	4/6/00 1145	BOL# 16945182
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
		4/7/00 9:00
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Preservatives, special reporting limits, known contamination, etc.:

* Please sample for RCRA 8 metals + Cn

(1) incorrect volume; pres. rec'd for CN sample per DW - cancel test. 12/4/7/00

due 4/13/00 ok per DW. on 4/6/00 12/4/7/00

PROJECT MANAGER: DAN WISIALOWSKI EXT: 3110

TURNAROUND TIME: Standard Rush ___ Days, Approved by: 3 DAY VERBAL

LAB USE: TEMP. OF COOLER 10.5 °C

GZA GEOENVIRONMENTAL, INC.
ENGINEERS AND SCIENTISTS
320 Needham Street
NEWTON UPPER FALLS, MA 02464-1594
(617) 969-0050
FAX (617) 965-7769

GZA FILE NO: 42381 P.O. NO. ___

PROJECT INTERNATIONAL SILVER

LOCATION MERIDAN, CT

COLLECTOR(S) GMW SHEET 1 OF 1

GZAP003

APPENDIX D
LABORATORY TEST RESULTS
HARBOR BROOK FLOOD CONTROL STUDY

MATRIX

ANALYTICAL DATA SUMMARY

Report Date: 04/13/2000

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164
617-969-0050

Project Manager: Dan Wisialowski
Project Name: WO#0004-00053-International Silver
Project No.: 42381.00

Sample Information:

Laboratory ID	Client/Field ID
00981211-001	GZSS-1 0.8-1.3
00981211-002	GZSS-2 1.3-1.8
00981211-003	GZSS-3 1.0-1.5
00981211-004	QC-Report - Soil

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To D. Stapleton	From L. Faulkner
Co./Dept.	Co.
Phone # CT	Phone #
Fax #	Fax #

Reviewed by

Glen Ireland
Laboratory Director

Lab Certifications
EPA ID: No. MA059
Massachusetts: No. M-MA059
Maine: Reciprocity
Rhode Island: No. 87
South Carolina: No. 88011
New Jersey: No. 59935
Connecticut: No. PH0515
New York: ELAP No. 11116
New Hampshire: No. 2041

Matrix Analytical, Inc.
106 South Street
Hopkinton, MA 01748-2295
1 (800) 362-8749

FINAL REPORT

Client Information

Account:	GZA GeoEnvironmental, Inc.	Project Name:	WO#0004-00053-International Silver
Address:	320 Needham Street	Project Number:	42381.00
	Newton Upper Falls, MA 02164	Project Manager:	Dan Wisialowski
		Sampler Name:	GMW

Sample Information

Lab ID:	00981211-001	Date Sampled:	04/06/2000 09:00
Client ID:	GZSS-1 0.8-1.3	Date Received:	04/07/2000 : 0
Matrix:	Soil	Date Reported:	04/13/2000

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Percent Moisture	20.1	Percent			aa	04/10/2000
CYANIDE/SULFIDE						
Total Cyanide Distillation Date:	04/11/00				jb	
Cyanide, Total	4.4	mg/kg	1	9012	jb	04/12/2000

Matrix Analytical, Inc.
106 South Street
Hopkinton, MA 01748-2295
1 (800) 362-8749

FINAL REPORT

Client Information

Account:	GZA GeoEnvironmental, Inc.	Project Name:	WO#0004-00053-International Silver
Address:	320 Needham Street	Project Number:	42381.00
	Newton Upper Falls, MA 02164	Project Manager:	Dan Wisialowski
		Sampler Name:	GMW

Sample Information

Lab ID:	00981211-002	Date Sampled:	04/06/2000 09:00
Client ID:	GZSS-2 1.3-1.8	Date Received:	04/07/2000 : 0
Matrix:	Soil	Date Reported:	04/13/2000

Analytical Parameter	Result	Unit	Detection Limit	Method No:	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Percent Moisture	7.0	Percent			aa	04/10/2000
CYANIDE/SULFIDE						
Total Cyanide Distillation Date:	04/11/00				jb	
Cyanide, Total	ND	mg/kg	1	9012	jb	04/12/2000

Matrix Analytical, Inc.
106 South Street
Hopkinton, MA 01748-2295
1 (800) 362-8749

FINAL REPORT

Client Information

Account:	GZA GeoEnvironmental, Inc.	Project Name:	WO#0004-00053-International Silver
Address:	320 Needham Street	Project Number:	42381.00
	Newton Upper Falls, MA 02164	Project Manager:	Dan Wisialowski
		Sampler Name:	GMW

Sample Information

Lab ID:	00981211-003	Date Sampled:	04/06/2000 09:00
Client ID:	GZSS-3 1.0-1.5	Date Received:	04/07/2000 : 0
Matrix:	Soil	Date Reported:	04/13/2000

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Percent Moisture	11.1	Percent			aa	04/10/2000
CYANIDE/SULFIDE						
Total Cyanide Distillation Date:	04/11/00				jb	
Cyanide, Total	ND	mg/kg	1	9012	jb	04/12/2000

Matrix Analytical, Inc.
106 South Street
Hopkinton, MA 01748-2295
1 (800) 362-8749

FINAL REPORT

Client Information

Account:	GZA GeoEnvironmental, Inc.	Project Name:	WO#0004-00053-International Silver
Address:	320 Needham Street	Project Number:	42381.00
	Newton Upper Falls, MA 02164	Project Manager:	Dan Wisialowski
		Sampler Name:	

Sample Information

Lab ID:	00981211-004	Date Sampled:	/ / :
Client ID:	QC-Report - Soil	Date Received:	/ / : 0
Matrix:	Soil	Date Reported:	04/13/2000

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed

MATRIX SPIKE/DUPLICATE STUDIES - MISC.

Cyanide ID:	1211-001
Cyanide Recovery:	92
Cyanide ID:	1211-001
Cyanide Variance:	25

METHOD SUMMARIES

NOTE: Analytical results have been corrected and are reported on a dry weight basis. If required, detection limits can also be corrected to dry weight using the percent moisture data included in this report.

METHOD REFERENCES

1. Test Methods For Evaluating Solid Waste: Physical Chemical Methods. EPA SW 846. Rev. December 1996.
2. Methods For Chemical Analysis of Water and Wastes. EPA 600/4-79-200. Revised March 1983.
3. Standard Methods For Examination of Water and Wastewater. APHA-AWWA-WACF.. 18th Edition. 1992.
4. EPA Methods For The Determination of Organic Compounds in Drinking Water.

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matrix

W.O. # 004-00153 (for lab use only)

CHAIN-OF-CUSTODY RECORD

Sample I.D.	Date/Time Sampled (Very Important)	Matrix (A=Air, S=Soil, GW=Ground W., SW=Surface W., WW=Waste W., DW=Drinking W., Other (specify))	W/W ONLY: pH ☐ Cond., HNU, GC Screen (VOA), ☐ 524.2 ☐ 502.1, 624, ☐ 601 ☐ 602, 625	ANALYSIS REQUIRED: 8260, 8260-"8240" List, 8021, 8021-"8010" List, 8021-"8020" List, 8270 ☐ PAH ☐ A,D BN, 8082-PCBs Only, 8081-Pest Only, TPH-GC (Mod. 8100), TPH-GC w/FING, EPH (MA DEP), VPH (MA DEP), TCLP (Spec. Below), Filtering (✓ if requested), Metals ☐ PPM-13 ☐ R-8, Metals (List Below), Lead	Total # of Cont.	Note #
GZSS-1 0.8-1.3	4/6/00 0900	S		X	1	
GZSS-2 1.3-1.8	↓ ↓	↓		X	1	
GZSS-3 1.0-1.5	↓ ↓	↓		X	1	
PRESERVATIVE (Cl - HCl, MeOH, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*						
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, T-Teflon, O-Other)*						

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]		
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	4/7/2000	PC
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Preservatives, special reporting limits, known contamination, etc.:

PROJECT MANAGER: Dan Wisianowski EXT: 3110

TURNAROUND TIME: Standard / Rush ___ Days, Approved by: ___ due 4/13/00

LAB USE: TEMP. OF COOLER 4 °C

GZA FILE NO: 42381.00 P.O. NO. 1-14544

PROJECT International Silver

LOCATION Meridan, CT

COLLECTOR(S) GMW SHEET 1 OF 1

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GZA ENVIRONMENTAL

[illegible]RBO[illegible] [illegible]ROU[illegible] [illegible]LOU[illegible] CON[illegible]ROL ST[illegible]

Results of Laboratory Analysis
Insilco Factory site, Cooper Street

Well Identification Sample Interval	MW-1 (4.5'-6.5')	MW-1 (14.5'-16.5')	MW-2 (2'-4')	MW-2 (12' - 14')	MW-3 (7'-9')	MW-3 (13'-15')	Residential Direct Exposure Criteria (mg/kg)	Pollutant Mobility Criteria for GA/GAA Areas (mg/L)
SPLP - Metal Analysis (EPA Method 1312) (mg/L)								
Copper	ND<0.01	ND<0.01	0.01	ND<0.01	0.01	ND<0.01	NA	1.3
Antimony	ND<0.006	ND<0.006	ND<0.006	ND<0.006	0.394	0.064	NA	0.006
Mass Metals Analysis (EPA Method 3050A) (mg/kg)								
Arsenic	15.5	1.8	3.5	2.6	8.2	1.4	10	NA
Silver	2.4	ND<0.2	1.2	ND<0.2	0.7	0.5	340	NA
Beryllium	ND<0.4	0.5	0.6	ND<0.4	0.7	0.4	2	NA
Chromium	7.8	9.4	10.7	10.2	24.0	7.3	ns	NA
Copper	82.0	12.1	120	306	37.1	17.0	2,500	NA
Lead	13.7	6.9	34.5	87.3	28.7	19.9	500	NA
Mercury	0.05	ND<0.02	0.2	0.04	0.29	0.03	20	NA
Nickel	138	13.9	29.3	127	9.5	5.3	1,400	NA
Selenium	ND<0.5	1.7	ND<0.5	1.7	ND<0.5	ND<0.5	340	NA
Zinc	152	33.5	69.2	161	70.8	24.2	20,000	NA
Volatile Organics (EPA Method 8260B) (results converted from ppb to ppm)								
Trichloroethylene	0.031	BDL	BDL	0.010	0.128	BDL	56	0.1
Toluene	BDL	BDL	BDL	BDL	0.297	0.053	500	20
Benzene	BDL	BDL	BDL	BDL	0.683	0.020	21	0.02
Ethylbenzene	BDL	BDL	BDL	BDL	0.114	BDL	500	10.1
Xylenes (total[1])	BDL	BDL	BDL	BDL	2.450	BDL	500	19.5
Styrene	BDL	BDL	BDL	BDL	0.018	BDL	500	2
Naphthalene	BDL	BDL	BDL	BDL	3.165	0.068	1,000	5.6
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	0.560	BDL	ns	ns
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	0.111	BDL	ns	ns
TPH (EPA Method 418.1) (ppm)								
Oil & Grease (TPH)	ND<25	ND<25	42	ND<25	42	ND<25	500	500

Notes: TPH = Total Petroleum Hydrocarbons
ns = no standard
Table includes only those chemicals that were identified.
Results identified in bold indicate constituents identified above established Remediation Standard.
1. Total xylenes equal sum of p/m- and o-xylenes.

Milone & MacBroom, Inc.
5/28/99

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