INTERIM REMEDIAL ACTION PLAN

Former INSILCO, Factory H

77 Cooper Street

MERIDEN, CONNECTICUT

Prepared for:

City of Meriden

Office of Economic Development

142 East Main Street

Meriden, Connecticut 06450-8022

Prepared by:

AECOM

500 Enterprise Drive
Rocky Hill, Connecticut 06067

September 2011

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INTERIM REMEDIAL ACTION PLAN
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MERIDEN, CONNECTICUT

1.0 INTRODUCTION

AECOM Technology Corp. was contracted by the City of Meriden ("City") to prepare this Interim Remedial Action Plan (IRAP) for the remediation of the Former INSILCO, Factory H property located on two parcels at 77 Cooper Street and 104 Butler Street in Meriden, Connecticut. For reporting purposes, a separate IRAP has been prepared for each individual parcel. This IRAP will cover the parcel located at 77 Cooper Street. The property is to be remediated in accordance with the Connecticut Remediation Standard Regulations (RSRs) (CTDEEP, January 1996).

The primary funding sources for the proposed interim remedial activities as described in this IRAP include a City-wide Assessment Grant (Grant No. BF97182101) and a site specific Clean-up Grant (Grant No. BF97182201), both of which are administered through the U.S. Environmental Protection Agency (EPA). The EPA site-specific Clean up Grant includes a requirement for a $40,000 match (or in-kind services) from the City. The assessment activities completed at this site, as well as this IRAP are being completed under the Assessment Grant and the physical remediation proposed in this IRAP will be completed under the site specific Clean-Up Grant. Grant requirements also include that the site is entered into the Connecticut Department of Energy and Environmental Protection (CTDEEP) Voluntary Remediation Program (VRP) defined in the Regulations of Connecticut State Agencies (RSCA) Section 22a-133x.

The three primary activities to be completed at 77 Cooper Street as part of this IRAP include:

1. Soil remediation (excavation and off-site disposal of contaminated soils) from specific "hot spot" areas located along the western bank of Harbor Brook that contain concentrations of parameters at levels exceeding regulatory criteria;

2. After excavation, an interim geotextile fabric will be placed to demarcate the excavation areas and the excavations will be backfilled as a means of site restoration; and
3. The area within Building A (Saw Tooth) will be backfilled as a means of site restoration.

Details regarding pertinent site history and specific tasks and procedures associated with implementing this IRAP are provided herein. This report is subject to the Statement of Limitations provided in Appendix A.

1.1 Site Setting

The site consists of two parcels, approximately 7.2 acres in size, and located at 77 Cooper Street and 104 Butler Street in the City of Meriden, New Haven County, Connecticut. The site is bisected by Harbor Brook and is located in an area of mixed commercial, industrial, and residential land use. The site is bound by Cooper Street to the south, and residential/commercial properties to the east, west, and north. Portions of the site are located within the 100-year flood plain. A site location map is provided as Figure 1.

The site is bordered by railroad tracks and Cherry Street residences to the east; commercial establishments, Harbor Towers and Hanover Towers to the north; Louie's Auto Garage and Cooper Street to the south/southeast; and the former Veteran's Memorial Medical Center and Cook Avenue residences to the west. A Yankee Gas natural gas facility and residential properties are located to the south of the site, across Cooper Street.

1.2 Site History and Use

The site history was described in the Brownfields Targeted Site Assessment Final Report (Weston, September 1999) and Supplemental Phase II Environmental Site Evaluation (GZA, June 2000). The site was used for a variety of industrial and manufacturing purposes from the late 1800s until approximately 1974, at which time the property was vacated. Industrial activities historically conducted on the site included silverware and gun manufacturing. Processes included casting, plating, machining,

trimming, polishing, buffing, forging, storage, and shipping. The property has remained vacant since 1974, and is currently abandoned.

Three buildings, constructed between approximately 1886 to 1947, are present on the site: Building A (Factory H) is a 100,000+ square foot, multi-story former manufacturing structure; Building B is a 900 square foot former transformer/electrical house; and Building C is a 7,200 square foot former power plant. There are several additional structures, including a footbridge and water tower, on the site. A fourth building (Building D), formerly on the northeast portion of the site, was destroyed by fire and demolished circa 1980. Initially a gun manufacturing shop, Building D housed a machine shop, a foundry, and a pattern shop. Building A is located to the west of the brook, while Buildings B and C are east of the brook. The remainder of the eastern side of the brook is primarily a cleared space. The site is located within the 100-year flood plain. Figure 2 presents a site plan showing these various site features.

Factory H is known to have used alkali soaps, sulfuric acid, oils, nickel, silver, chromium, copper, zinc, acid and alkali solutions, and halogenated and non-halogenated solvents. Other constituents of concern (COCs) on the site include, but may not be limited to, asbestos, other metals (including lead), cyanide, PCBs, total petroleum hydrocarbons, and volatile and semi-volatile organic compounds. Twenty-two cyclone-like dust collectors were previously located along the east side of Building A. The dust collectors were used to collect metal dust from the former silverware manufacturing operations. Nineteen of the 22 dust collectors and associated framing were removed during a Supplemental Environmental Project (SEP) performed in December 2008 by TransWaste, Inc.

1.3 Site Geology and Hydrogeology

According to the Bedrock Geological Map of the Meriden Quadrangle of Connecticut (USGS, 1985), bedrock beneath the Site is identified as New Haven Arkose, and sandstone. The surficial soils underlying the Site are mapped as mixtures of gravel and sand (*Surficial Materials Map of Connecticut*, Stone et al., 1992).

The CTDEEP classification for the groundwater in the vicinity of the site is GB, which is defined as groundwater that is presently known or presumed to be degraded due to historical land use practices and is not suitable for human consumption without prior treatment (Water Quality Classifications Map for Housatonic River, Hudson River, and Southwest Coastal Basins, CTDEEP, 1997).

Groundwater flow direction was estimated by Weston (1999). In general, groundwater flows toward Harbor Brook, which flows southward Groundwater levels have been observed in the overburden at the site. Groundwater has been encountered during previous work at the site; elevations ranged from approximately 8-15 feet at 104 Butler Street and 5-9 feet at 77 Cooper Street.

1.4 Previous Investigations

A number of studies have been completed on the site. Information from these reports has been included in the M&E Phase II/III report. A list of the known studies is provided below.

- HRP Associates, Inc., *Site Assessment Report*, June 21, 1988.
- Advanced Environmental Interface (AEI). *Assessment of Site Environmental Conditions Report*, January 24, 1990.
- ICF Kaiser Engineers, Inc., *Underground Storage Tank Sampling Report*, December 17, 1990.
- Roy F. Weston, Inc., *Removal Program Preliminary Assessment/Site Investigation Report*, December 22, 1997.
- Roy F. Weston, Inc., International Silver Company, Factory H, *Brownfields Targeted Site Assessment Final Report*, September 8, 1999.
- GZA GeoEnvironmental, Inc., *Supplemental Phase II, Environmental Site Evaluation, International Silver Company, Factory H Site, Meriden, Connecticut*, June 2000.
- Subsurface Information Surveys. *Ground Penetrating Radar Survey Results For The Investigation For The Location Of: Underground Storage Tanks & Utilities At: 77 Cooper St., Meriden, CT*, July 2005.

- Advanced Environmental Interface (AEI). *Removal Stabilization Activities Summary Report, Former International Silver Company/Insilco Factory H Site, Meriden, CT*, February 2006.
- Metcalf & Eddy, Inc., (M&E). *Phase I Environmental Site Assessment Report, Insilco Factory H Site, Cooper Street, Meriden, Connecticut,* April 2006.

During completion of the investigations listed above, soil, sediment, soil gas, and groundwater samples were collected and analyzed for site-related COCs. Metals, cyanide, volatile organic compounds (VOCs), petroleum hydrocarbons (TPH), polycyclic aromatic hydrocarbons (PAHs), and asbestos were detected on-site and are associated with a number of AOCs identified for the site.

Potential and known areas of concern (AOCs) were identified in the following two reports:

- Roy F. Weston, Inc., International Silver co., Factory H, *Brownfields Targeted Site Assessment Final Report*, September 8, 1999.
- GZA GeoEnvironmental, Inc., *Supplemental Phase II, Environmental Site Evaluation, International Silver Company, Factory H Site, Meriden, Connecticut*, June 2000.

Weston identified a total of 29 (AOCs). Four additional AOCs were identified by M&E, for a total of 33 AOCs. All 33 AOCs, designated AOC-1 to AOC-33, are listed in a summary table on Figure 2. Each area is varied with respect to the number of soil and groundwater samples collected and the laboratory analyses performed. With the exception of AOC-25 (Contaminated Groundwater) and AOC- 31 (Site-Wide Surficial Soils), all AOCs are shown on Figure 2, and all sampling locations are shown on Table 3.

Under the guidance of the CTDEEP in 2004-2005, and on behalf of MidState Medical Center (MMC), removal/stabilization activities were performed by Advanced Environmental Interface, Inc. (AEI) to remove certain hazardous materials and

stabilize certain hazardous conditions at the former International Silver Company/Insilco Factory H site.

The Removal/Stabilization Activities Summary Report (AEI, February 2006) describes these activities. A total of 23 removal/stabilization areas were identified. These removal/stabilization areas have been assigned labels of "Stabilization Area" A through W (SA-A to SA-W). The types and quantities of materials removed/stabilized are discussed in the Roy F. Weston Inc. and GZA GeoEnvironmental, Inc. reports listed above.

A number of the stabilization areas overlap with specific AOCs. It appears that confirmatory soil sampling was generally not conducted during the stabilization/removal process.

Combining AOCs and SAs (where appropriate), a total of 56 AOCs/SAs have been identified for the site (Figure 2).

1.5 Remediation Criteria

The applicable remediation criteria for this site are the CTDEEP RSR criteria. Based on the GB groundwater designation in the area and the potential land uses of the site following redevelopment, the RSR criteria that apply to soil at this site are the GB pollutant mobility criteria (PMC) and residential (RES) direct exposure criteria (DEC). The RSR criteria that apply to groundwater at this site are the surface water protection criteria (SWPC) and volatilization criteria (VC). The less stringent industrial / commercial (I/C) DEC and I/C VC may be used at the site if residential use of the site is restricted and an Environmental Land Use Restriction (ELUR) is recorded on the land deed.

In addition to the default RSR criteria utilized to evaluate contaminant concentrations in soil, the GWPC times 10 were used to evaluate SPLP results of organic compounds.

Total metals concentrations were screened for potential GB PMC exceedances using the mass based PMC times 20 screening method. This screening method is based on

the 20 times dilution factor that is part of the toxicity characteristic leaching procedure (TCLP) and synthetic precipitate leaching procedure (SPLP). The CTDEEP allows this screening method to evaluate potential PMC exceedances without having to perform leachable analytical testing.

1.6 Overview of Interim Remedial Action Plan

The results of AECOM's 2009 Supplemental Investigation and Soil-Reuse Evaluation, in conjunction with previous investigation results, have been used to develop this IRAP. Remedial activities will be conducted in accordance with the CTDEEP RSRs and USEPA requirements. This IRAP has been developed based on the available funding to address specific area(s) of contaminated soil on-site. Due to the funding limitations, the proposed remediation will not completely address all soil contamination on-site and also does not address impacted groundwater at the site. The soil remediation approach selected for this project is based on "hot spot" removals. These areas have been prioritized since the cost to conduct remediation has not been fully determined. Therefore, it is not certain that all "hot spot" areas will be remediated.

This IRAP includes a description of the remediation approach, health and safety protocols, waste management procedures, sampling and analytical protocols, project scheduling, site security, record-keeping protocols, reporting requirements, and monitoring protocols to be implemented at the site.

The three primary activities to be completed as part of this IRAP include:

1. Soil remediation and disposal of contaminated soils from specific "hot spot" areas located along the western bank of Harbor Brook that contain concentrations of PCBs and metals above RES DEC and I/C DEC, and TPH exceeding RES DEC, I/C DEC and GB PMC;
2. After excavation, an interim geotextile fabric will be placed to demarcate the excavation areas and the excavations will be backfilled as a means of site restoration.

3. Area within Building A (Saw Tooth) will be backfilled as a means of site restoration.

The interim soil remedial actions will include:

- PCB soil remediation along the southeastern perimeter of the former Saw Tooth Building;
- Backfilling of former interior portion of Building A with on-site inert demolition debris (i.e. brick and concrete);
- Soil excavation of other "hot spot" areas, with direct loading and subsequent off-site disposal;
- Placement of a geotextile fabric liner at the extents of the excavation; and
- Backfilling the excavation areas with the existing gravel (if clean), followed by backfilling with on-site inert demolition debris (i.e. brick and concrete).

2.0 REMEDIATION PLANNING

Soil remediation includes in-situ waste characterization, excavation, direct loading with the option to temporarily stockpile if needed, and transportation and off-site disposal of impacted soil containing concentrations of COCs exceeding RES DEC, I/C DEC, and GB PMC criteria. Visual representations of these exceedances are presented in Figures 4, 5, and 6. Historic summary data tables are also presented in Appendix B. The specific remediation areas are shown on Figure 7.

2.1 Areas of Remedial Activity

Because of the size of the site and the dispersed nature of contaminants of concern, soil remediation will focus on specific areas of concern exceeding RES DEC, I/C DEC, and GB PMC. The "hot spot" areas targeted for remediation are prioritized in the list below, along with an explanation of the COCs, regulatory exceedances, and proposed depth of excavation. As previously discussed, the amount of remedial activities completed is based on a fixed amount of funds. Therefore, all the areas listed below may not be remediated. Targeted areas are located along the western bank of Harbor Brook.

1. PCBs Areas A and B: COCs include concentrations of PCBs and PAHs above RES DEC and I/C DEC. Therefore two proposed areas of excavation encompassing approximately 1,650 SF (Area A) and 100 SF (Area B) will be excavated to a depth of 1.5 ft with an approximate excavation volume of 98 cubic yards (CY).
2. PCBs Area C: Sampling for the presence of PCBs is necessary in this area. This area encompasses approximately 1790 SF and contains a two foot gravel layer to be characterized by wipe samples for PCBs. If these results are less than 1.0 ug/100 cm^2 then the gravel will be temporarily stockpiled to allow for sampling of the soil beneath the gravel layer for PCBs. If the soil layer beneath the gravel does not contain PCBs at concentrations greater than 1 mg/kg, then the gravel will be replaced. However, if the PCB wipe sample results are greater than 1.0 ug/100 cm^2 then the extent of PCB impact to the gravel will be further delineated. Subsequently the gravel and/or soil will be removed in accordance with the *Building Materials and Soil PCB Remedial Plan* to the extent possible based on existing funding.
3. Area 1: COCs include concentrations of metals above RES DEC and TPH above RES DEC, I/C DEC and GB PMC within the (2-6') interval. Therefore this approximately 975 SF area will be excavated to depth of 6 ft with an approximated excavation volume of 144 CY.
4. Area 2: COCs include concentrations of metals above RES DEC and I/C DEC, and TPH above RES DEC, I/C DEC and GB PMC within the (2-5') interval. Therefore this approximately 900 SF area will be excavated to depth of 5 ft with an approximated excavation volume of 100 CY.
5. Area 3: COCs include concentrations of metals and PAHs above RES DEC and I/C DEC, and TPH above RES DEC, I/C DEC and GB PMC within the (2-5') interval. Therefore this approximately 975 SF area will be excavated to depth of 5 ft with an approximated excavation volume of 108 CY.
6. Area 4: COCs include concentrations of metals, PAHs and PCBs above RES DEC and TPH above RES DEC, I/C DEC and GB PMC within the (2-5') interval. Therefore this approxaimtely 1050 SF area will be excavated to depth of 5 ft with an approximated excavation volume of 117 CY.

The combined total area of the targeted "hot spot" areas proposed for excavation is approximately 5,650 SF with an approximated excavation volume of 857 CY requiring off-site disposal. PCBs Area C is approximately 1790 SF and the potential volume of material requiring off-site disposal is contingent upon sampling analytical results.

The following sections describe the remediation planning tasks to be performed in conjunction with the implementation of the remediation activities.

2.2 Health and Safety

AECOM has prepared a Health and Safety Plan (HASP) for site activities previously conducted at the site which meets the requirements of 29 CFR 1910.120. Prior to initiating field remediation activities, the existing HASP will be updated to include the activities associated with this IRAP. All work will be conducted in accordance with the HASP. The HASP is intended to cover AECOM employees and site visitors only. Remediation contractors will be required to develop and follow their own HASP during all site activities. All soil remediation work will be conducted by personnel that have 40-hour OSHA training.

The objectives of the HASP will be as follows:

- To protect the health and safety of on-site personnel; and
- To limit exposure of the public to hazardous substances, pollutants, or contaminants.

The HASP will include the following:

- Brief Site Description
- Site Safety Hazards
- Chemical Compounds of Concern
- Project Personnel
- Site Training/Medical Surveillance Requirements
- Personnel Protective Equipment (PPE) Requirements
- Air Monitoring Requirements
- Decontamination Procedures

- Work Zones
- Remediation Derived Waste Disposal/Handling
- Emergency Response
- Special Operations Safety Requirements
- Emergency Resources
- Generic First Aid

2.3 Permits and Approvals

A review indicates project activities lie within the FEMA 100-year flood zone.A CTDEEP Flood Management Certification will, however, not be required for the soil remediation activities because state funding will not be used for these activities. Approval from the City of Meriden will be needed to conduct soil remediation activities within the 100-year flood zone.

Due to planned PCB soil remediation activities, a Building Materials and Soil PCB Remedial Plan will be prepared for USEPA approval.

As this project is a Licensed Environmental Professional (LEP)-lead site, with work being conducted in accordance with the Connecticut General Statutes 22a-133x, CTDEEP approvals for these activities are not required.

2.4 Public Notification

In accordance with the Connecticut RSRs, the VRP as well as the USEPA cleanup fund, public notice for these remediation activities is required. To satisfy the VRP, the public notification process will be conducted in accordance with Connecticut General Statute 22a-134(a)(h)(2)(i). This process includes a requirement for public notice of remediation activities to be placed in appropriate local newspapers a minimum of 45 days prior to the start of the soil remediation activities and notification to the Director of Public Health for the City. Additionally, notice of the planned remediation activities must be mailed to each property owner of record which abuts the parcel, at the address for such property on the last-completed grand list for the City or a sign must be placed at the site which is visible from the road which states that an environmental clean-up is in progress at the site. In

accordance with the referenced General Statute, if a sign is posted at the site, it will not be less than six feet by four feet, clearly visible from the road and include a name and telephone number of a person who can provide additional information about the project.

To satisfy USEPA requirements, a public meeting will be held prior to start of remediation activities.

2.5 Waste Management

Wastes generated from the proposed interim remediation activities are anticipated to be classified as CTDEEP regulated, TSCA regulated, and/or hazardous waste. Prior to remedial activities, an initial in-situ waste characterization will be performed to evaluate the likelihood that the material may be classified as hazardous waste. Several waste streams will be generated during remedial activities at the site. The following presents a summary of the proposed waste management process:

- Soil excavation during remedial activities will be direct loaded into transport vehicles for shipping to an off-site disposal facility;

- All decontamination media will be collected, characterized and transported for off-site disposal at a facility permitted to accept these wastes. Liquid materials will be segregated from solid materials, and will be temporarily containerized on-site subsequent to disposal at an off-site facility; and

- Other solid materials (such as plastic sheeting, hay bales, personal protective equipment, etc.) used during the remediation activities will be segregated from other waste streams. If solid materials come into contact with contaminated materials, the solid materials will be disposed of along with the contaminated materials. If the solid materials do not come into contact with contaminated materials, they will be disposed of as municipal solid waste.

Prior to being transported off-site, all wastes will be properly characterized and profiled for disposal when necessary. Waste disposal will be approved as required and the

intended facility will confirm their acceptance of the waste prior to transport. The TSCA regulated waste will be disposed of at facility permitted to accept such wastes.

If the soil to be excavated has been completely characterized and approved for disposal it may be loaded directly into transport vehicles for shipping to the off-site disposal facility. If the soil to be disposed off-site needs to remain on-site until characterization and approval/acceptance is complete, it will be staged on-site and covered and secured until it is removed.

Liquid wastes that will be generated include decontamination wastes. Liquid wastes will be disposed of at a permitted, off-site facility.

Waste removal from the site will be documented by manifest or bill of lading. The City of Meriden will be named as the generator of the waste and a representative of the City will sign waste profile forms and manifests. The waste disposal contractor will prepare disposal manifests or bills of lading and documentation for the City's use. The disposal documentation will be included in the IRAR.

2.6 Sedimentation and Erosion Control

Prior to the excavation of contaminated soils from the "hot spot" areas located along the western bank of Harbor Brook, an erosion and sedimentation control system (hay bales and/or silt fence) will be installed at the site, in accordance with the Connecticut Guidelines for Soil Erosion and Sediment Control. To prevent off-site migration of materials, all equipment will be decontaminated prior to leaving the site and work will not be performed during heavy precipitation events.

Excavated soil located in the PCB Areas will be directly loaded into lined roll-off containers. It is anticipated that excavated soils will be direct loaded pending in-situ waste characterization in Area 1, Area 2, Area 3 and Area 4. However, if soils are temporarily stockpiled on-site, they will be stockpiled on, and covered by, plastic sheeting, which will be anchored with sandbags or other materials to contain the soils and minimize potential exposure. Hay bales will be placed around areas used for

stockpiling to prevent the migration of contaminated soil from the stockpile. The integrity of these soil erosion and sediment controls will be routinely inspected throughout the duration of soil remediation activities and the remediation contractor will regularly maintain the controls.

2.7 Dust Control and Air Monitoring

To minimize the potential for the COCs at the site to be released in particulate form during site activities, dust control measures will be implemented if dust is observed during remedial activities. Throughout the remediation activities, air monitoring will be performed by the contractor in conjunction with project health and safety requirements to monitor the total dust and particulate emissions at the site. It is anticipated this will include the continuous use of a portable dust meter. Further details on air monitoring will be included in the remediation Health and Safety Plan (HASP).

The dust control measures will include the use of water to pre-wet soil to prevent airborne migration. Water will also be sprayed, where necessary, onto active work areas and other areas of the site that may be subject to the release of dust. Water may also be used in high-traffic areas to minimize dust emissions caused by vehicular traffic.

2.8 Decontamination

Decontamination of heavy equipment (i.e., excavator, backhoe, vacuum extraction truck) will be performed as necessary to minimize the potential spreading of contamination. Brushing, high pressure water, or a steam cleaner will be used for equipment decontamination. Any contaminated material which collects on the exterior of the equipment will be removed, collected and containerized for off-site disposal.

All decontamination of equipment will occur within a decontamination pad. The decontamination pad will include a polyethylene sheeting base constructed in such a manner that all liquids will drain toward the center. All collected liquid will be transferred into closed lid, DOT-approved, 55-gallon drums. Drums will be temporarily stored on-site subsequent to final off-site disposal.

For PCB soil remediation areas decontamination will be performed in accordance with TSCA 40 CFR 761.79(c) and will include a wipe of the contaminated surface with an approved solvent or a double wash/double rinse procedure with an approved solvent.

2.9 Site Restoration

Upon completion of the excavations , a geotextile fabric will be placed at the base of the excavations. Following the placement of the geotextile fabric, each of the five excavation areas will be backfilled to grade with the existing site gravel (if clean) and/or inert demolition debris (i.e. brick and concrete). The existing area located within the Saw Tooth building will be restored in the same manner. The compaction of the material will be conducted by walking in the material with an excavator or bulldozer.

Inert demolition debris will be generated from the demolition of existing buildings on 77 Cooper Street. Where possible, the inert demolition debris will be left on-site and used as an interim backfill for the excavation activities at 77 Cooper Street. If asbestos-containing material (ACM), PCBs and/or lead based paint (LBP) is present, affected materials will be separated from the inert demolition debris as necessary and transported for disposal at off-site facilities permitted to accept such wastes.

2.10 Site Security

Existing fencing and snow fencing will be used at the project limits to provide security during remediation activities. Signage will be used to alert the public to the site conditions, the nature of the project activities, and to provide contact information.

2.11 Demobilization

Environmental contractor equipment, excess materials and wastes will be demobilized following completion of soil remediation activities at the site.

3.0 SAMPLING AND ANALYSIS PLAN

Soil sampling for remediation will include sampling within the proposed areas of excavation, clean fill materials prior to their delivery to the site if needed, and waste characterization sampling. The sampling and analysis plan will be submitted to the

USEPA in a Quality Assurance Project Plan (QAPP) for USEPA review and approval prior to implementation of remediation activities.

3.1 Post Excavation Sampling – PCBs Areas A and B

Soil samples will be collected in two proposed areas of excavation, encompassing 1,650 SF (Area A) and 100 SF (Area B). The samples will be located on a five foot square-based grid system oriented on a magnetic north-south line centered in the area and an east-west axis perpendicular to the magnetic north-south axis also centered in the area. The proposed area of excavation (Area A) is approximately 330 ft long by 5 ft wide and (Area B) is approximately 10 ft long by 10 ft wide with a cumulative total of 92 samples to be taken within these areas.

3.2 Sampling – PCBs Area C

PCB samples will be collected from the two foot gravel layer and soil immediately beneath the gravel in Area C. Samples from the gravel layer will be collected as wipe samples, whereas soil beneath the gravel will be collected as grab samples. The sampling locations will be spaced 10 ft apart along the length of Area C, which is approximately 360 ft long by 5 ft. Therefore, a cumulative total of 72 PCB samples will be collected from 62 sampling locations.

3.3 Post Excavation Sampling – Area 1

Soil samples will be taken in the proposed 975 SF area of excavation. The samples will consist of side wall samples (approximately every 25 ft) at a depth of 6 feet and bottom samples in the middle of the excavation. The proposed area of excavation is approximately 65 ft long by 15 ft wide and a total of 10 samples will be taken within this area. This includes 8 sidewall samples along the walls of the excavation and 2 bottom samples in the middle of the area.

3.4 Post Excavation Sampling – Area 2

Soil samples will be taken in the proposed 900 SF area of excavation. The samples will consist of side wall samples (approximately every 25) ft at a depth of 5 feet and bottom samples in the middle of the excavation. The proposed area of excavation is

approximately 60 ft long by 15 ft wide and a total of 10 samples will be taken within this area. This includes 8 sidewall samples along the walls of the excavation and 2 bottom samples in the middle of the area

3.5 Post Excavation Sampling – Area 3

Soil samples will be taken in the proposed 975 SF area of excavation. The samples will consist of side wall samples (approximately every 25 ft) at a depth of 5 feet and bottom samples in the middle of the excavation. The proposed area of excavation is approximately 65 ft long by 15 ft wide and a total of 10 samples will be taken within this area. This includes 8 sidewall samples along the walls of the excavation and 2 bottom samples in the middle of the area

3.6 Post Excavation Sampling – Area 4

Soil samples will be taken in the proposed 1050 SF area of excavation. The samples will consist of side wall samples (approximately every 25 ft) at a depth of 5 feet and bottom samples in the middle of the excavation. The proposed area of excavation is approximately 70 ft long by 15 ft wide and a total of 10 samples will be taken within this area. This includes 8 sidewall samples along the walls of the excavation and 2 bottom samples in the middle of the area

3.7 Clean Fill Sampling

Site remediation may include backfill with clean materials in the post excavation area or reuse of inert demolition debris. Prior to delivery of off-site materials to the site, representative samples of each will be collected and analyzed. The sampling frequency for clean fill materials to be brought on site will be one sample per every 2,000 cubic yards of material. Composite samples will be used to characterize off-site materials to be imported onto the site, and these samples will be submitted under chain of custody for laboratory analysis. As an alternative, the suppliers may issue recent analyses for materials from the same source. All data will be reviewed prior to delivery of off-site materials to the site.

3.8 Waste Characterization Sampling

Waste characterization sampling will be performed when necessary to supplement existing information and data for the purposes of satisfying the requirements of the disposal facility. Sampling frequency and analytical parameters/procedures will be in accordance with the disposal facility requirements. Waste characterization samples will be submitted under chain of custody for laboratory analysis.

3.9 Sampling Protocol

The typical equipment requirements and collection procedures used to sample soil are described below.

Equipment

- Stainless Steel (SS) Trowels, Spoons, or Scoops;
- SS Spade or Hand Auger;
- SS Bowls; and
- Sample Containers (provided by the laboratory)

Sample Collection Procedures

Soil samples will be collected according to the following procedure. Changes to these procedures must be justified and recorded in the field logbook.

1. Decontaminate sampling equipment.
2. Record the weather conditions and other notable site conditions.
3. Sketch and record the sampling conditions on the site map and in the field notebook.
4. Photograph the sampling location and conditions.
5. Collect the sample in a manner that is appropriate for the depth of the samples and the physical access.
6. Samples for the analysis of volatile organic compounds (VOCs) should not be composited or mixed. These samples should be placed into sample containers as quickly as possible with minimal disturbance. Sample containers should be filled to minimize headspace.

7. Mix the remainder of the sample. Fill containers at least ¾ full for all parameters.
8. Immediately label and refrigerate/ice the sample.
9. Stake location and record in logbook.
10. Submit the samples to the laboratory under chain of custody protocol.

Documentation

The following information is typical of that documented and reported in the field logbook when collecting confirmatory samples:

- Description of the sample that is being submitted to the laboratory including the physical characteristics of the sample (e.g., color, odor, and texture), and unusual characteristics.
- Type of sample (grab).
- Sample designation and location.

3.10 Laboratory Analysis

All proposed laboratory analyses will be performed by a laboratory certified to perform such analyses in the State of Connecticut. Detection limits will be selected to be below the applicable RSR and/or disposal criteria. The SOP laboratory protocols specific to the laboratory subcontractor will be applied. Details regarding the laboratory analytical methods will be provided in the Quality Assurance Project Plan (QAPP) that accompanies this project.

Sampling of on-site materials will be based on the COCs identified for the specific area of concern.

Clean fill material to be imported will be analyzed for the following parameters: volatile organic compounds (VOCs) by USEPA method 8260, semi-volatile organic compounds (SVOCs) by USEPA Method 8270, ETPH, pesticides by USEPA Method 8082, chlorinated herbicides by USEPA Method 8150, PCBs by USEPA method 8081, and CTDEEP metals by USEPA Method 6000 and 7000 series. Synthetic precipitation

leaching procedure (SPLP) analyses will also be conducted on certain samples based on the total mass analytical results.

Waste characterization samples will be dependent upon the disposal facility's criteria.

3.11 Quality Assurance/Quality Control

The analytical laboratory will be required to perform all of the internal quality control procedures that are specified in the analytical methods. These include, but are not limited to:

- Blanks – The laboratory will analyze method blanks prepared and analyzed with each set of samples. These are a check of the accuracy of the system and indicate if there are positive biases.
- Calibration Checks – These are standards, generally from a different source than the calibration standards that are analyzed along with the samples. The purpose of the calibration checks is to determine if the analytical equipment is functioning accurately.

Field QA/QC samples will be submitted along with the laboratory samples. A description of each of the sample QC types is described below:

- Field duplicates – Field duplicates provide an indication of the overall precision of the field sampling and analytical method. Approximately one field duplicate will be collected for every 20 samples analyzed.

Upon receipt of the laboratory data, a review of the data will be performed to evaluate its usability. The laboratory analytical data will be reviewed for consistency with the CTDEEP Reasonable Confidence Protocols (RCP) and the Data Quality Assessment (DQA) and Data Usability Evaluation Process (DUE). This will include checking of such items as:

- Holding times;

- Field and laboratory blanks;
- Field and laboratory duplicates;
- Surrogate recoveries, if applicable;
- Calibration checks;
- Spike recoveries, if applicable; and
- Analytical method detection limits (MDLs).

Items such as GC/MS tuning, initial calibrations, calculations, and raw data will be checked by the laboratory.

All laboratory analytical work will be performed in accordance with the CTDEEP RCP. In addition, the SOP laboratory protocols for the project laboratory subcontractor will be applied.

A USEPA-approved Quality Assurance Project Plan will be prepared because USEPA funding is being used for the remediation.

4.0 DOCUMENTATION AND REPORTING

The City or its designated agent will oversee remediation activities and prepare and maintain a record of the activities performed. The City or its agent will be responsible for documenting that the project is completed in accordance with the requirements of this IRAP, and generally accepted industry/engineering standards.

4.1 Field Documentation

The following list identifies the specific documentation and reporting requirements that will be required for this project.

- Maintaining an accounting of materials entering and leaving the site, including waste soils and other materials;
- Photographic documentation of completed excavations, previously unknown areas of contamination, completed remediation areas, and other pertinent observations;
- Documenting sampling activities including confirmation sampling, disposal characterization sampling, and imported backfill sampling;
- Documenting segregation, storage, and accounting of wastes that may be stockpiled at the site;
- Documenting and reporting of any spills, leaks, or other discharges occurring at the site;
- Documenting and reporting of any disruption/damage to utility structures;
- Documenting that erosion control and site security measures are adequately maintained throughout the project;
- Maintaining transportation/disposal documentation; and
- Documenting decontamination prior to demobilization.

4.2 Post-Remediation Reporting

Following completion of remediation activities, an Interim Remedial Action Report will be prepared for the site and submitted to CTDEEP. The report will describe the completed work at the site, and will contain the following specific items:

- Project narrative;
- Record drawing(s) (A-2 Survey) showing the vertical and horizontal limits of the site contaminated soil excavation, locations of all confirmation samples and the final grades;
- Sample analytical data in tabular form;
- Complete laboratory reports;
- Waste disposal documentation (manifests, bills-of-lading, certificates of disposal, etc.);
- Waste disposal summary indicating the weights, volumes, and disposition of excavated materials;
- Documentation of all materials incorporated into the project (sand, topsoil, etc.);
- Photographs of remediation activities; and
- Recommendations for future actions, including possibly additional soil remediation, groundwater remediation / monitoring and establishing an ELUR.

5.0 POST REMEDIATION CONCEPTUAL SITE MODEL

Upon completion of the interim soil remediation, the significant migration pathways for contaminated soil present along the southeastern perimeter of the former Saw Tooth Building and former Building A within the PCB Areas will be reduced. These include the potential direct exposure migration pathways of dermal contact, ingestion, and inhalation; and the potential pollutant mobility pathway of precipitation infiltrating through and leaching contaminants from the remaining soils. Contamination migration pathways for other AOCs at the site will remain unchanged.

6.0 SCHEDULE

Interim remedial actions of the site are tentatively scheduled to begin Fall 2011 for completion in Spring 2012; however the schedule is dependent upon several factors including funding, completion of interim remediation / redevelopment concepts, design, permitting, and coordination with related projects.

7.0 REFERENCES

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

Advanced Environmental Interface (AEI). Assessment of Site Environmental Conditions Report, January 24, 1990.

ICF Kaiser Engineers, Inc., Underground Storage Tank Sampling Report, December 17, 1990.

Roy F. Weston, Inc., Removal Program Preliminary Assessment/Site Investigation Report, December 22, 1997.

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

GZA GeoEnvironmental, Inc., Supplemental Phase II, Environmental Site Evaluation, International Silver Company, Factory H Site, Meriden, Connecticut, June 2000.

United States Environmental Protection Agency (USEPA) (Prepared by Weston Solutions, Inc.). February 2004. Removal Program After Action Report for the Chrome Engineering Site.

Advanced Environmental Interface (AEI). Removal Stabilization Activities Summary Report, Former International Silver Company/Insilco Factory H Site, Meriden, CT, February 2006.

Metcalf & Eddy, Inc. (M&E). Phase I Environmental Site Assessment Report, Insilco Factory H Site, Cooper Street, Meriden, Connecticut, April 2006.

Metcalf & Eddy, Inc. (M&E). Phase II/III Environmental Site Assessment Report, Insilco Factory H Site, Cooper Street, Meriden, Connecticut, March 2007.

Metcalf & Eddy, Inc. (M&E). Quality Assurance Project Plan Addendum for Supplemental Environmental Investigation, Insilco Factory H Site, Meriden, Connecticut, January 2009.

AECOM USA, Inc. (AECOM). Quality Assurance Project Plan Addendum for Soil Re-Use Evaluation, Insilco Factory H Site, Meriden, Connecticut, February 2009

AECOM USA Inc. (AECOM). Supplemental Investigation and Soil Re-Use Evaluation Report, Former Insilco Factor H, Meriden, Connecticut, August 2009

State of Connecticut Department of Environmental Protection. January 1996. Remediation Standard Regulations.

State of Connecticut Department of Environmental Protection. March 2003. Proposed Revisions Connecticut's Remediation Standard Regulations Volatilization Criteria.

State of Connecticut Department of Environmental Protection. December 17, 2002. Water Quality Standards.

United States Environmental Protection Agency (USEPA). July 30 1996. Low Stress (low flow) Purging and Sampling Procedures for the Collection of Groundwater Samples from Monitoring Wells.

Subsurface Information Surveys. Ground Penetrating Radar Survey Results For The Investigation For The Location Of: Underground Storage Tanks & Utilities At: 77 Cooper St., Meriden, CT, July 2005.

FIGURES

APPENDIX A

Statement of Limitations

STATEMENT OF LIMITATIONS

The data presented and the opinions expressed in this report are qualified as follows:

1. The sole purpose of the investigation and of this report is to assess the physical characteristics of the Site with respect to the presence or absence in the environment of oil or hazardous materials and substances as defined in the applicable state and federal environmental laws and regulations and to gather information regarding current and past environmental conditions at the Site.

2. AECOM derived the data in this report primarily from visual inspections, examinations of records provided by the Client, interviews with individuals with information about the Site, and a limited number of subsurface explorations made on the dates indicated. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

3. In preparing this report, AECOM has relied upon and presumed accurate certain information (or the absence thereof) about the Site and adjacent properties provided by governmental officials and agencies, the Client, and others identified herein. Except as otherwise stated in the report, AECOM has not attempted to verify the accuracy or completeness of any such information.

4. The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Services, including the extent of subsurface exploration and other tests. The Scope of Services was defined by the requests of the Client, the time and budgetary constraints imposed by the Client, and the availability of access to the Site.

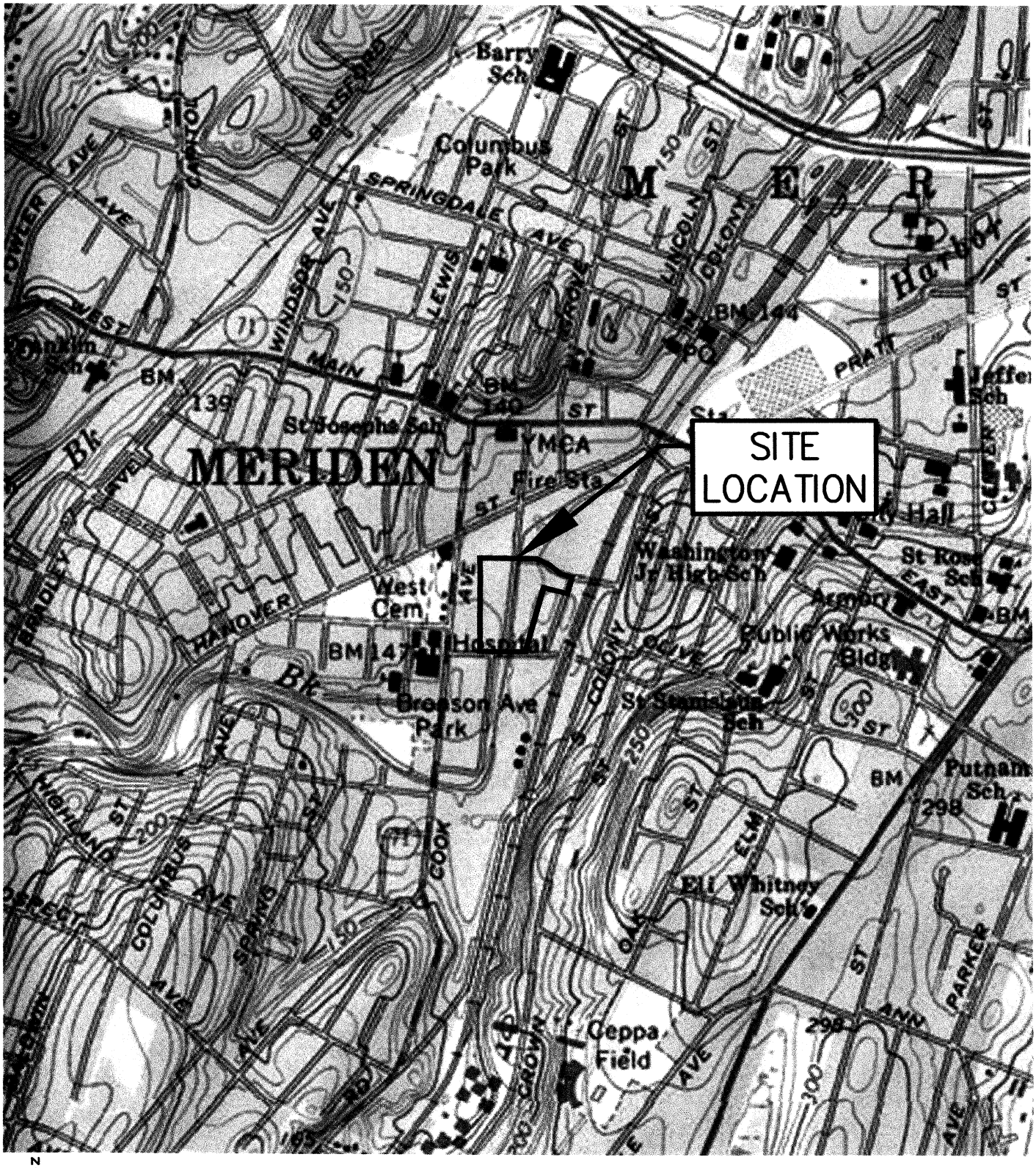
5. Because of the limitations stated above, the findings, observations, and conclusions expressed by AECOM in this report are not, and should not be considered, an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation. No warranty or guarantee, whether express or implied, is made with respect to the data reported or findings, observations, and conclusions expressed in this report. Further, such data, findings, observations, and conclusions are based solely upon site conditions in existence at the time of investigation.

6. This report has been prepared on behalf of and for the exclusive use of the Client, and is subject to and issued in connection with the Agreement and the provisions thereof.

APPENDIX B

Previous Site Investigation Data Tables

FIGURES



N

0 5 1 MILE

0 1000 FEET 0 500 1000 METERS

PATH/FILENAME: P:\60148468-MER\C\IRAP\77 COOPER\CZMER001.DWG
LAST UPDATE: Wednesday, September 14, 2011 10:0 AM PLOT DATE: Wednesday, September 14, 2011 10:22:42 AM

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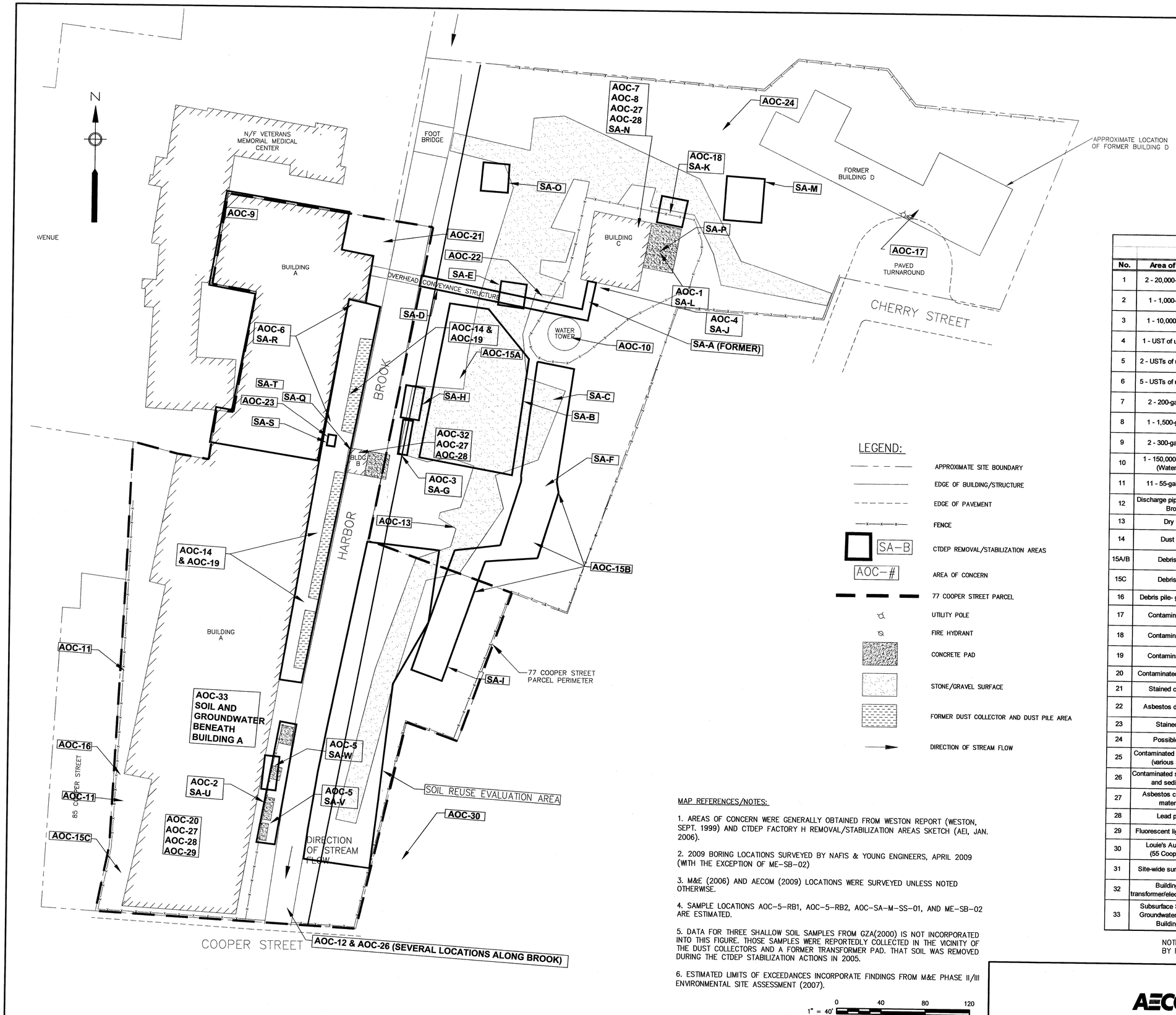
AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H - 77 COOPER STREET
INTERIM REMEDIAL ACTION PLAN

SITE LOCATION MAP

SCALE: AS NOTED	DATE: SEPTEMBER 2011	FIGURE 1



MAP REFERENCES/NOTES:

1. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

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3. M&E (2006) AND AECOM (2009) LOCATIONS WERE SURVEYED UNLESS NOTED OTHERWISE.

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5. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

6. ESTIMATED LIMITS OF EXCEEDANCES INCORPORATE FINDINGS FROM M&E PHASE II/III ENVIRONMENTAL SITE ASSESSMENT (2007).

1" = 40' 0 40 80 120 SCALE FEET

Summary of Areas of Concern

No.	Area of Concern	Location	Description
1	2 - 20,000-gallon USTs	East side of Building C	Reported to be steel construction and have contained diesel fuel. Unknown installation date.
2	1 - 1,000-gallon UST	Southeast side of Building A	Reported to be steel construction and have contained kerosene. Unknown installation date.
3	1 - 10,000-gallon UST	Along Harbor Brook north of Building B	Reported to be steel construction and have contained metal finishing rinse and wastewater. Installed in 1970.
4	1 - UST of unknown size	South side of Building C	Contained gasoline; unknown construction and installation date.
5	2 - USTs of unknown size	Curbed areas along southeast side of Building A	Unknown construction, use, and installation date.
6	5 - USTs of unknown size	Fill pipes along northeast side of Building A	Unknown construction, use, and installation date.
7	2 - 200-gallon ASTs	Ground floor of Building C	Reported to be steel construction. Unknown use and installation date.
8	1 - 1,500-gallon AST	Ground floor of Building C	Reported to be concrete construction. Unknown use and installation date.
9	2 - 300-gallon ASTs	North and west side of ground floor of Building A	Reported to be concrete construction. Unknown use and installation date.
10	1 - 150,000-gallon AST (Water tower)	South of Building C	Reported to be steel construction. Unknown installation date.
11	11 - 55-gallon drums	Throughout southwestern portion of property	HRP observed four empty drums, and seven partially-filled drums containing unidentified wastes.
12	Discharge pipes (to Harbor Brook)	East of Building A along Harbor Brook	Pipes formerly discharged wastewater from Building A to Harbor Brook.
13	Dry well	Southeast of Building B	Unknown materials may have been disposed of via the dry well.
14	Dust piles	East of Building A under dust collectors	Piles of dust generated from facility's former silver polishing dust collection system.
15A/B	Debris piles	East of Harbor Brook; southern central portion of property	Several piles of earthen material, scrap, and debris.
15C	Debris piles	Southwestern corner of property, southwest of Building A	Pile of earthen material, scrap, and debris.
16	Debris pile- glass slides	Southwest side of Building A	Pile of medical glass slides near the building dock of Building A.
17	Contaminated soil	Northeast corner of property in vicinity of former Building D	Approximately 5,600 ft^2 of chlorinated solvent contaminated soil (to a depth of at least 15 ft below ground surface).
18	Contaminated soil	Area adjacent to Building C	15 ft^2 of fuel oil stained soil.
19	Contaminated soil	Under dust piles east of Building A.	1,600 ft^2 of green stained soils contaminated with metals from overlying dust piles.
20	Contaminated wood floor	South end of Building A	30 ft^2 of oil stained wooden floor.
21	Stained concrete	North end of Building A	40 ft^2 of stained concrete floor.
22	Asbestos debris pile	Adjacent to smoke stack south of Building C	10 ft^2 of deteriorated insulation material, possibly asbestos-containing material.
23	Stained soil	East of Building A	10 ft^2 of paint stains.
24	Possible UST	West side of former Building D	Possible UST identified by ICF Kaiser Engineers
25	Contaminated groundwater (various areas)	Various portions of property	Groundwater contaminated with chlorinated solvents have been documented in various portions of site.
26	Contaminated surface water and sediments	Harbor Brook	Process wastewater is known to have been discharged to Harbor Brook
27	Asbestos containing materials	Throughout building interiors	Asbestos-containing pipe insulation, floor tiles and roof shingles have been identified in on-site buildings
28	Lead paint	Throughout building interiors	Peeling paint noted in on-site buildings.
29	Fluorescent light ballasts	Throughout building interiors	Fluorescent light ballasts may contain hazardous metals and PCBs.
30	Louie's Auto shop (55 Cooper St.)	Down-gradient of Louie's Auto	Louie's Auto shop may be an upgradient source of groundwater contamination.
31	Site-wide surficial soils	Throughout site	Site-wide soil may need to be managed as part of site redevelopment activities.
32	Building B-transformer/electrical house	In building interior	Electrical transformers located in building may contain PCBs.
33	Subsurface Soils and Groundwater Beneath Building A	Building A	Releases may have occurred resulting in impacts to soil and groundwater located beneath Building A.

NOTE THAT MANY OF THESE AOCs HAVE BEEN PARTIALLY TO COMPLETELY ADDRESSED BY PREVIOUS REMOVAL, RESPONSE, OR STABILIZATION ACTIONS.

AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H – 77 COOPER STREET
INTERIM REMEDIAL ACTION PLAN

FIGURE 2
SITE PLAN

SCALE: AS NOTED | DATE: SEPT. 2011

PATH/FILENAME: P:\60148468-MER\C\IRAP\77 COOPER\CZMER002.DWG PLOT DATE: Wednesday, September 14, 2011 10:43:33 AM LAST UPDATE: Friday, March 18, 2011 12:50:26 PM

LEGEND:

- APPROXIMATE SITE BOUNDARY
- 77 COOPER STREET PARCEL
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- GAS LINE (LOCATION BASED ON UTILITY MARK OUT)
- UTILITY POLE
- FIRE HYDRANT
- CONCRETE PAD
- STONE/GRAVEL SURFACE
- FORMER DUST COLLECTOR AND DUST PILE AREA
- DIRECTION OF STREAM FLOW
- MW-# — DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# — SOIL BORING LOCATION (HRP, 1988)
- WPE-# — RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# — SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# — SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 — SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# — SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# — SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# — SURFICIAL SOIL SAMPLE (M&E, 2006)
- ME-SB-07 — SOIL BORING (AECOM, 2009)
- ME-MW-02 — SOIL BORING/MONITORING WELL (AECOM, 2009)
- ME-MW-01 — MONITORING WELL (AECOM, 2009)
- ME-SS-12 — SURFICIAL SOIL SAMPLE (AECOM, 2009)

MAP REFERENCES/NOTES:

1. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

2. 2009 BORING LOCATIONS SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02)

3. M&E (2006) AND AECOM (2009) LOCATIONS WERE SURVEYED UNLESS NOTED OTHERWISE.

4. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AOC-SA-M-SS-01, AND ME-SB-02 ARE ESTIMATED.

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6. ESTIMATED LIMITS OF EXCEEDANCES INCORPORATE FINDINGS FROM M&E PHASE II/III ENVIRONMENTAL SITE ASSESSMENT (2007).

1" = 40' SCALE — 0 40 80 120 FEET

AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H – 77 COOPER STREET
INTERIM REMEDIAL ACTION PLAN

FIGURE 3
SAMPLE LOCATIONS

SCALE: AS NOTED | DATE: SEPT. 2011

PATH/FILENAME: P:\60148468-MER\C\IRAP\77 COOPER\CZMER003.DWG

PLOT DATE: Wednesday, September 14, 2011 11:52:11 AM PLOT DATE: Wednesday, September 14, 2011 11:31:45 AM

EXCEEDANCE LEGEND:

- EXCEEDANCE OF RESIDENTIAL DIRECT EXPOSURE CRITERIA (R DEC)
- EXCEEDANCE OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA (I/C DEC)
- EXCEEDANCE OF GB POLLUTANT MOBILITY CRITERIA (GB PMC)
- ESTIMATED LIMIT OF SOIL EXCEEDING I/C DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING R DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING GB PMC

LEGEND:

- APPROXIMATE SITE BOUNDARY
- 77 COOPER STREET PARCEL
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- GAS LINE (LOCATION BASED ON UTILITY MARK OUT)
- UTILITY POLE
- FIRE HYDRANT
- CONCRETE PAD
- STONE/GRAVEL SURFACE
- FORMER DUST COLLECTOR AND DUST PILE AREA
- DIRECTION OF STREAM FLOW
- MW-# DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# SOIL BORING LOCATION (HRP, 1988)
- WIPE-# RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# SURFICIAL SOIL SAMPLE (M&E, 2006)
- ME-SB-07 SOIL BORING (AECOM, 2009)
- ME-MW-02 SOIL BORING/MONITORING WELL (AECOM, 2009)
- ME-MW-01 MONITORING WELL (AECOM, 2009)
- ME-SS-12 SURFICIAL SOIL SAMPLE (AECOM, 2009)

MAP REFERENCES/NOTES:

1. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

2. 2009 BORING LOCATIONS SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02)

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1" = 40' 0 40 80 120 SCALE FEET

AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H – 77 COOPER STREET
INTERIM REMEDIAL ACTION PLAN

FIGURE 4 – SOIL SAMPLES (0'–2' BGS) EXCEEDING RSR CRITERIA

SCALE: AS NOTED | DATE: SEPT. 2011

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1" = 40'

0 40 80 120

SCALE FEET

EXCEEDANCE LEGEND:

- EXCEEDANCE OF RESIDENTIAL DIRECT EXPOSURE CRITERIA (R DEC)
- EXCEEDANCE OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA (I/C DEC)
- EXCEEDANCE OF GB POLLUTANT MOBILITY CRITERIA (GB PMC)
- ESTIMATED LIMIT OF SOIL EXCEEDING I/C DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING R DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING GB PMC

LEGEND:

- APPROXIMATE SITE BOUNDARY
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- MW-# — DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# — SOIL BORING LOCATION (HRP, 1988)
- WIPE-# — RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# — SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# — SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 — SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# — SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# — SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# — SURFICIAL SOIL SAMPLE (M&E, 2006)
- ME-SB-07 — SOIL BORING (AECOM, 2009)
- ME-MW-02 — SOIL BORING/MONITORING WELL (AECOM, 2009)
- ME-MW-01 — MONITORING WELL (AECOM, 2009)
- ME-SS-12 — SURFICIAL SOIL SAMPLE (AECOM, 2009)
- SA-B — CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# — AREA OF CONCERN

MAP REFERENCES/NOTES:

1. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

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6. ESTIMATED LIMITS OF EXCEEDANCES INCORPORATE FINDINGS FROM M&E's PHASE II/III ENVIRONMENTAL SITE ASSESSMENT (2007).

AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H – 77 COOPER STREET
INTERIM REMEDIAL ACTION PLAN

FIGURE 5 – SOIL SAMPLES (2'–4' BGS) EXCEEDING RSR CRITERIA

SCALE: AS NOTED | DATE: SEPT. 2011

EXCEEDANCE LEGEND:

- EXCEEDANCE OF RESIDENTIAL DIRECT EXPOSURE CRITERIA (R DEC)
- EXCEEDANCE OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA (I/C DEC)
- EXCEEDANCE OF GB POLLUTANT MOBILITY CRITERIA (GB PMC)
- ESTIMATED LIMIT OF SOIL EXCEEDING I/C DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING R DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING GB PMC

LEGEND:

- APPROXIMATE SITE BOUNDARY
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- MW-# — DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# — SOIL BORING LOCATION (HRP, 1988)
- WIPE-# — RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# — SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# — SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 — SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# — SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# — SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# — SURFICIAL SOIL SAMPLE (M&E, 2006)
- SA-B — CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# — AREA OF CONCERN

MAP REFERENCES/NOTES:

1. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

2. 2009 BORING LOCATIONS SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02)

3. M&E (2006) AND AECOM (2009) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE

4. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AOC-SA-M-SS-01, ANE ME-SB-02 ARE ESTIMATED.

5. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

6. ESTIMATED LIMITS OF EXCEEDANCES INCORPORATE FINDINGS FROM M&E's PHASE II/III ENVIRONMENTAL SITE ASSESSMENT (2007).

AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H – 77 COOPER STREET
INTERIM REMEDIAL ACTION PLAN

FIGURE 6 – SOIL SAMPLES (>4' BGS) EXCEEDING RSR CRITERIA

SCALE: AS NOTED | DATE: SEPT. 2011

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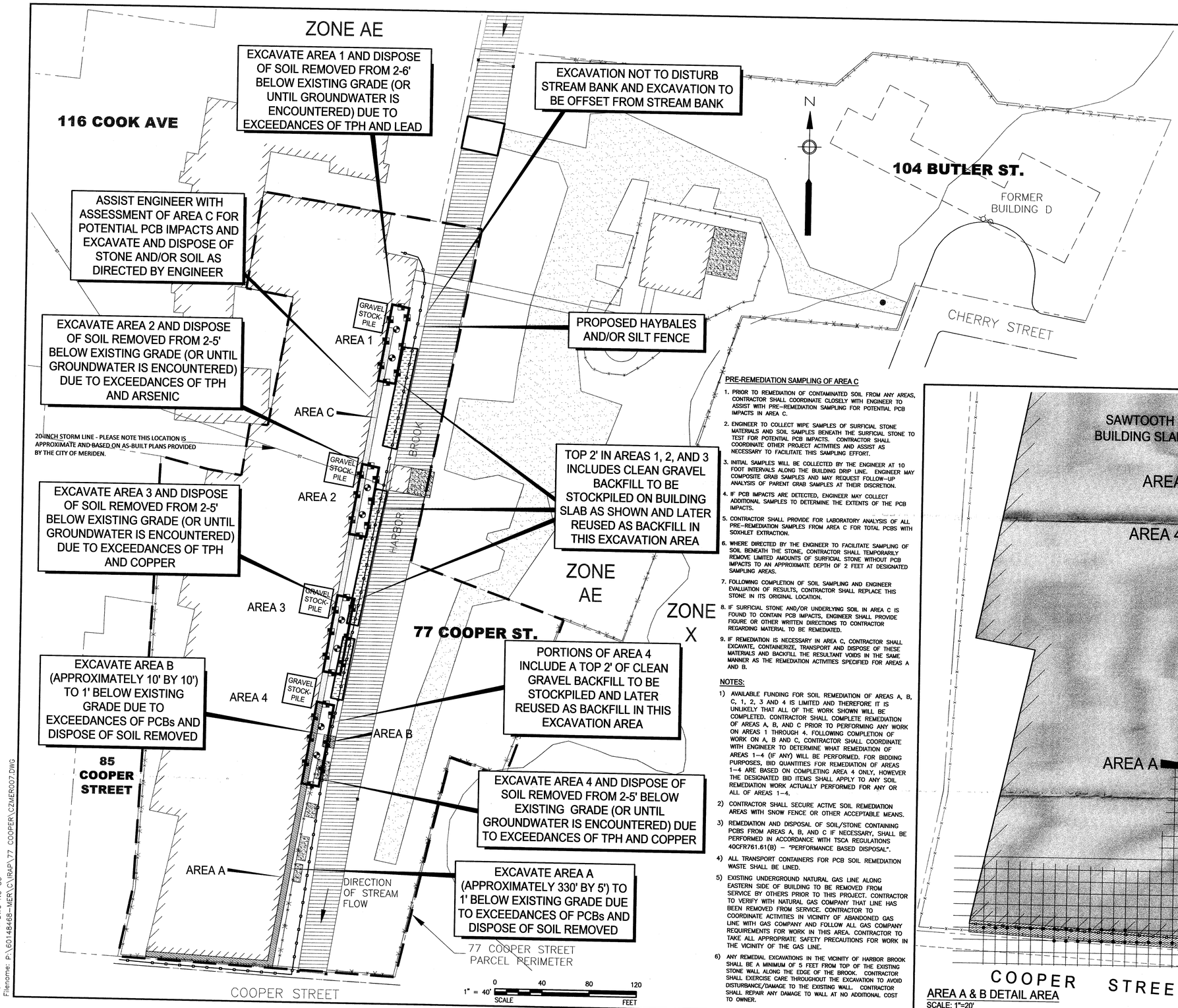
PLOT DATE: Wednesday, September 14, 2011 1:52:43 PM



PRE-REMEDIATION SAMPLING OF AREA C

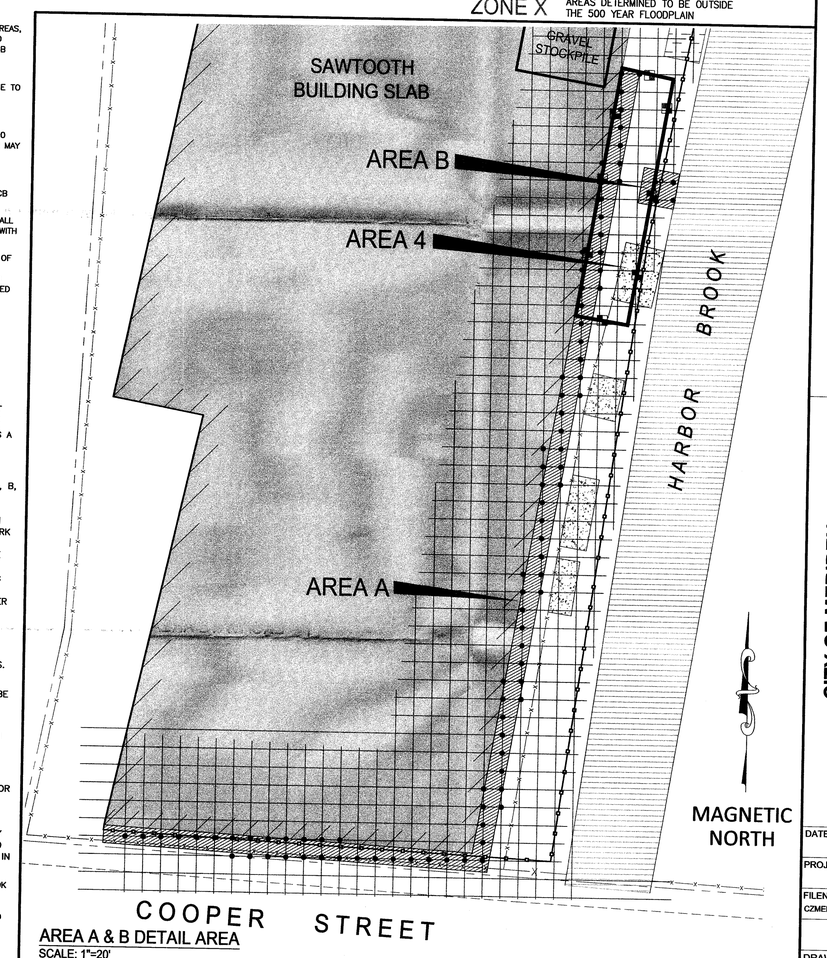
1. PRIOR TO REMEDIATION OF CONTAMINATED SOIL FROM ANY AREAS, CONTRACTOR SHALL COORDINATE CLOSELY WITH ENGINEER TO ASSIST WITH PRE-REMEDIATION SAMPLING FOR POTENTIAL PCB IMPACTS IN AREA C.
2. ENGINEER TO COLLECT WIPE SAMPLES OF SURFICIAL STONE MATERIALS AND SOIL SAMPLES BENEATH THE SURFICIAL STONE TO TEST FOR POTENTIAL PCB IMPACTS. CONTRACTOR SHALL COORDINATE OTHER PROJECT ACTIVITIES AND ASSIST AS NECESSARY TO FACILITATE THIS SAMPLING EFFORT.
3. INITIAL SAMPLES WILL BE COLLECTED BY THE ENGINEER AT 10 FOOT INTERVALS ALONG THE BUILDING DRIP LINE. ENGINEER MAY COMPOSITE GRAB SAMPLES AND MAY REQUEST FOLLOW-UP ANALYSIS OF PARENT GRAB SAMPLES AT THEIR DISCRETION.
4. IF PCB IMPACTS ARE DETECTED, ENGINEER MAY COLLECT ADDITIONAL SAMPLES TO DETERMINE THE EXTENTS OF THE PCB IMPACTS.
5. CONTRACTOR SHALL PROVIDE FOR LABORATORY ANALYSIS OF ALL PRE-REMEDIATION SAMPLES FROM AREA C FOR TOTAL PCBS WITH SOXHLET EXTRACTION.
6. WHERE DIRECTED BY THE ENGINEER TO FACILITATE SAMPLING OF SOIL BENEATH THE STONE, CONTRACTOR SHALL TEMPORARILY REMOVE LIMITED AMOUNTS OF SURFICIAL STONE WITHOUT PCB IMPACTS TO AN APPROXIMATE DEPTH OF 2 FEET AT DESIGNATED SAMPLING AREAS.
7. FOLLOWING COMPLETION OF SOIL SAMPLING AND ENGINEER EVALUATION OF RESULTS, CONTRACTOR SHALL REPLACE THIS STONE IN ITS ORIGINAL LOCATION.
8. IF SURFICIAL STONE AND/OR UNDERLYING SOIL IN AREA C IS FOUND TO CONTAIN PCB IMPACTS, ENGINEER SHALL PROVIDE FIGURE OR OTHER WRITTEN DIRECTIONS TO CONTRACTOR REGARDING MATERIAL TO BE REMEDIATED.
9. IF REMEDIATION IS NECESSARY IN AREA C, CONTRACTOR SHALL EXCAVATE, CONTAINERIZE, TRANSPORT AND DISPOSE OF THESE MATERIALS AND BACKFILL THE RESULTANT VOIDS IN THE SAME MANNER AS THE REMEDIATION ACTIVITIES SPECIFIED FOR AREAS A AND B.

NOTES:

1) AVAILABLE FUNDING FOR SOIL REMEDIATION OF AREAS A, B, C, 1, 2, 3 AND 4 IS LIMITED AND THEREFORE IT IS UNLIKELY THAT ALL OF THE WORK SHOWN WILL BE COMPLETED. CONTRACTOR SHALL COMPLETE REMEDIATION OF AREAS A, B, AND C PRIOR TO PERFORMING ANY WORK ON AREAS 1 THROUGH 4. FOLLOWING COMPLETION OF WORK ON A, B AND C, CONTRACTOR SHALL COORDINATE WITH ENGINEER TO DETERMINE WHAT REMEDIATION OF AREAS 1–4 (IF ANY) WILL BE PERFORMED. FOR BIDDING PURPOSES, BID QUANTITIES FOR REMEDIATION OF AREAS 1–4 ARE BASED ON COMPLETING AREA 4 ONLY, HOWEVER THE DESIGNATED BID ITEMS SHALL APPLY TO ANY SOIL REMEDIATION WORK ACTUALLY PERFORMED FOR ANY OR ALL OF AREAS 1–4.
2) CONTRACTOR SHALL SECURE ACTIVE SOIL REMEDIATION AREAS WITH SNOW FENCE OR OTHER ACCEPTABLE MEANS.
3) REMEDIATION AND DISPOSAL OF SOIL/STONE CONTAINING PCBS FROM AREAS A, B, AND C IF NECESSARY, SHALL BE PERFORMED IN ACCORDANCE WITH TSCA REGULATIONS 40CFR761.61(B) – "PERFORMANCE BASED DISPOSAL".
4) ALL TRANSPORT CONTAINERS FOR PCB SOIL REMEDIATION WASTE SHALL BE LINED.
5) EXISTING UNDERGROUND NATURAL GAS LINE ALONG EASTERN SIDE OF BUILDING TO BE REMOVED FROM SERVICE BY OTHERS PRIOR TO THIS PROJECT. CONTRACTOR TO VERIFY WITH NATURAL GAS COMPANY THAT LINE HAS BEEN REMOVED FROM SERVICE. CONTRACTOR TO COORDINATE ACTIVITIES IN VICINITY OF ABANDONED GAS LINE WITH GAS COMPANY AND FOLLOW ALL GAS COMPANY REQUIREMENTS FOR WORK IN THIS AREA. CONTRACTOR TO TAKE ALL APPROPRIATE SAFETY PRECAUTIONS FOR WORK IN THE VICINITY OF THE GAS LINE.
6) ANY REMEDIAL EXCAVATIONS IN THE VICINITY OF HARBOR BROOK SHALL BE A MINIMUM OF 5 FEET FROM TOP OF THE EXISTING STONE WALL ALONG THE EDGE OF THE BROOK. CONTRACTOR SHALL EXERCISE CARE THROUGHOUT THE EXCAVATION TO AVOID DISTURBANCE/DAMAGE TO THE EXISTING WALL. CONTRACTOR SHALL REPAIR ANY DAMAGE TO WALL AT NO ADDITIONAL COST TO OWNER.

LEGEND:

- UTILITY POLE
- FIRE HYDRANT
- PCB CONFIRMATION SAMPLE (LOCATED WITH 5'x5' SQ. GRID UTILIZING MAGNETIC NORTH)
- PROPOSED CONFIRMATION GRAB SAMPLE LOCATIONS (SIDEWALL SAMPLE; MID-DEPTH ON SIDEWALL)
- PROPOSED CONFIRMATION GRAB SAMPLE LOCATIONS (BOTTOM SAMPLE ONLY)
- DIRECTION OF STREAM FLOW
- CONCRETE PAD
- STONE/GRAVEL SURFACE
- FORMER DUST COLLECTOR AND DUST PILE AREA
- PCB REMEDIATION AREA (APPROXIMATELY 1,750 SQ. FEET)
- PCB ASSESSEMENT AND POTENTIAL REMEDIATION AREA
- 77 COOPER STREET PARCEL
- PROPOSED SILT FENCE
- PROPOSED EXCAVATION LIMITS
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- FEMA FLOODPLAIN LINE
- ZONE AE — 100 YEAR FLOODPLAIN AREA
- ZONE X — AREAS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOODPLAIN



AREA A & B DETAIL AREA
SCALE: 1"=20'

REV	DESCRIPTION	DRN	CHK	DATE (M/D/Y)
—				

1-INCH — VERIFY SCALE IF PLAN SHEET IS REDUCED

DRN BY: — DES BY: — CHK BY: — APP BY: —

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CITY OF MERIDEN
FACTORY H

77 COOPER STREET
INTERIM SOIL REMEDIATION PLAN

DATE (M/Y) SEPTEMBER 2011
PROJECT NO. 60148468
FILENAME CZMER007.dwg
DRAWING NO. 7

Plotted By: thibodm
Plot File Date Created: Sep/14/2011 1:04 PM
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Appendix A

APPENDIX A

Statement of Limitations

STATEMENT OF LIMITATIONS

The data presented and the opinions expressed in this report are qualified as follows:

1. The sole purpose of the investigation and of this report is to assess the physical characteristics of the Site with respect to the presence or absence in the environment of oil or hazardous materials and substances as defined in the applicable state and federal environmental laws and regulations and to gather information regarding current and past environmental conditions at the Site.

2. AECOM derived the data in this report primarily from visual inspections, examinations of records provided by the Client, interviews with individuals with information about the Site, and a limited number of subsurface explorations made on the dates indicated. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

3. In preparing this report, AECOM has relied upon and presumed accurate certain information (or the absence thereof) about the Site and adjacent properties provided by governmental officials and agencies, the Client, and others identified herein. Except as otherwise stated in the report, AECOM has not attempted to verify the accuracy or completeness of any such information.

4. The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Services, including the extent of subsurface exploration and other tests. The Scope of Services was defined by the requests of the Client, the time and budgetary constraints imposed by the Client, and the availability of access to the Site.

5. Because of the limitations stated above, the findings, observations, and conclusions expressed by AECOM in this report are not, and should not be considered, an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation. No warranty or guarantee, whether express or implied, is made with respect to the data reported or findings, observations, and conclusions expressed in this report. Further, such data, findings, observations, and conclusions are based solely upon site conditions in existence at the time of investigation.

6. This report has been prepared on behalf of and for the exclusive use of the Client, and is subject to and issued in connection with the Agreement and the provisions thereof.

Appendix B

APPENDIX B

Previous Site Investigation Data Tables

TABLE 3A
Summary of Soil Sample Analytical Data

Supplemental Investigation and Soil Re-Use Evaluation
INSILCO, Factory H
Meriden, Connecticut
AECOM Environment
August 2009

Parameter	CT RSR Criteria			SAMPLE LOCATION								
				AOC 18 A/B (DEBRIS PILES), SA-B (CONTAMINATED SOIL PILES), SA-C (ASPHALT PILES), and SA-F (IMPACTED SOIL PILE, STAGING AREA #1)								
	I/C DEC	RES DEC	GB PMC	ME-SS-01 0-1 FT	ME-SS-02 0-1 FT	ME-SS-03 0-1 FT	ME-SS-04 0-1 FT	ME-SS-05 0-1 FT	ME-SS-06 0-1 FT	ME-SS-07 0-1 FT	ME-SS-08 0-1 FT	ME-SS-DUP
Sampling Date				2/17/09	2/17/09	2/17/09	2/17/09	2/17/09	2/17/09	2/17/09	2/17/09	2/17/09
Laboratory Report Number				LIMT-23332	LIMT-23332/23698/23748	LIMT-23332	LIMT-23332	LIMT-23332/23748	LIMT-23332/23695/23748	LIMT-23332/23748	LIMT-23332	LIMT-23332
CTDEP ETPH (mg/kg)												
ETPH	2,500	500	2,500	NT	NT	NT	NT	NT	NT	NT	NT	NT
PCBs 8082 (mg/kg)				NT	NT	NT	NT	NT	NT	NT	NT	NT
VOCs 8260 (mg/kg)												
Naphthalene	2,500	1,000	56	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene	110	12	~	NT	NT	NT	NT	NT	NT	NT	NT	NT
Trichloroethylene	520	56	~	NT	NT	NT	NT	NT	NT	NT	NT	NT
VOCs 8260 - solid (mg/kg)				NT	NT	NT	NT	NT	NT	NT	NT	NT
CTDEP 15 RSR Metals (mg/kg)												
Arsenic†	10	10	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Barium†	140,000	4,700	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Beryllium	2	2	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Cadmium†	1,000	34	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chromium†	~	~	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Copper	76,000	2,500	NDC	**144**	**1,950**	**66.2**	**405**	**108**	**742**	**1,060**	**336**	**305**
Lead†	1,000	400	NDC	**57.8**	**436**	**169**	**245**	**39.2**	**252**	**744**	**695**	**482**
Mercury†	610	20	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Nickel	7,500	1,400	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Silver†	10,000	340	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Vanadium	14,000	470	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	610,000	20,000	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Cyanide 9014 (mg/kg)												
Cyanide	41,000	1,400	NDC	NT	NT	NT	NT	NT	NT	NT	NT	NT
SPLP Metals (ug/L)												
Silver	NDC	NDC	360	NT	NT	NT	NT	NT	NT	NT	NT	NT
Copper	NDC	NDC	13,000	NT	**6,760 J**	NT	NT	<25.0 UJ	NT	NT	NT	NT
Cyanide	NDC	NDC	2000000	NT	NT	NT	NT	NT	NT	NT	NT	NT
Lead	NDC	NDC	150	NT	NT	NT	NT	NT	**37.5**	**101**	NT	NT
Mercury	NDC	NDC	20000	NT	NT	NT	NT	NT	NT	NT	NT	NT
PAHs 8270C (mg/kG)												
Acenaphthene	2,500	1,000	84	<0.201	**2.40**	<0.221	<0.195	<0.182	<0.720	**0.652**	<0.369	<0.380
Anthracene	2,500	1,000	400	<0.201	**8.44**	<0.221	<0.195	<0.182	**1.34**	**2.03**	**0.938**	**1.21**
Benzo(a)anthracene	7.8	1	1	**0.285**	**24.1**	**0.449**	**0.609**	<0.182	**3.34*****	**4.12*****	**5.23*****	**3.87*****
Benzo(a)pyrene	1	1	1	**0.229**	**21.1*****	**0.449**	**0.586**	<0.182	**3.27*****	**2.97*****	**3.08*****	**3.59*****
Benzo(b)fluoranthene	7.8	1	1	**0.273**	**27.4*****	**0.674**	**0.704**	**0.277**	**4.26*****	**3.98*****	**4.23*****	**4.82*****
Benzo(g,h,i)perylene	2,500	1,000	42	<0.201	**6.71**	<0.221	**0.259**	<0.182	**1.37**	**1.12**	**1.34**	**1.62**
Benzo(k)fluoranthene	78	8.4	1	<0.201	**7.39*****	**0.288**	**0.301**	<0.182	**1.52*****	**1.56*****	**1.8*****	**1.85*****
Chrysene	780	84	1	**0.314**	**26.4*****	**0.583**	**0.559**	**0.199**	**3.55*****	**3.32*****	**3.41*****	**3.94*****
Dibenz(a,h)anthracene	1	1	1	<0.201	**1.8*****	<0.221	<0.195	<0.182	<0.720	**0.360**	**0.402**	**0.492**
Fluoranthene	2,500	1,000	56	**0.334**	**49.4**	**0.654**	**0.786**	**0.226**	**6.24**	**6.34**	**6.45**	**6.66**
Fluorene	2,500	1,000	56	<0.201	**4.38**	<0.221	<0.195	<0.182	<0.720	**0.556**	**0.515**	**0.622**
Indeno(1,2,3-cd)pyrene	7.8	1	1	<0.201	**7.06*****	**0.234**	**0.329**	<0.182	**1.3*****	**1.4*****	**1.62*****	**1.8*****
2-Methylnaphthalene	2,500	474	9.8	<0.201	**1.96**	<0.221	<0.195	<0.182	<0.720	**0.239**	<0.369	<0.380
Naphthalene	2,500	1,000	56	<0.201	**2.28**	<0.221	<0.195	<0.182	<0.720	**0.281**	<0.369	<0.380
Phenanthrene	2,500	1,000	40	<0.201	**53.4*****	**0.350**	**0.647**	<0.182	**6.09**	**7.53**	**3.94**	**4.90**
Pyrene	2,500	1,000	40	**0.386**	**46.2*****	**0.603**	**0.849**	<0.182	**5.09**	**5.52**	**5.63**	**5.33**
SPLP PAHs 8270C (ug/l)			**(GA GWPC x 10)**									
Acenaphthene	NDC	NDC	4,200	NT	<0.30	NT	NT	NT	<0.30	NT	NT	NT
Acenaphthylene	NDC	NDC	4,200	NT	**0.3 J**	NT	NT	NT	<0.30 UJ	NT	NT	NT
Anthracene	NDC	NDC	20,000	NT	**0.21 J**	NT	NT	NT	<0.20 UJ	NT	NT	NT
Benzo(a)anthracene	NDC	NDC	0.6	NT	**0.61 J**	NT	NT	NT	<0.050 UJ	NT	NT	NT
Benzo(a)pyrene	NDC	NDC	2	NT	**0.39 J**	NT	NT	NT	<0.100 UJ	NT	NT	NT
Benzo(b)fluoranthene	NDC	NDC	0.8	NT	**0.66 J**	NT	NT	NT	<0.050 UJ	NT	NT	NT
Benzo(g,h,i)perylene	NDC	NDC	42	NT	<0.500 UJ	NT	NT	NT	<0.500 UJ	NT	NT	NT
Chrysene	NDC	NDC	48	NT	**0.49 J**	NT	NT	NT	<0.20 UJ	NT	NT	NT
Fluoranthene	NDC	NDC	2,800	NT	**1.18 J**	NT	NT	NT	<0.50 UJ	NT	NT	NT
Fluorene	NDC	NDC	2,800	NT	<1.00	NT	NT	NT	<1.00	NT	NT	NT
2-Methylnaphthalene	NDC	NDC	490	NT	<1.00	NT	NT	NT	<1.00	NT	NT	NT
Naphthalene	NDC	NDC	2,800	NT	<1.00	NT	NT	NT	<1.00	NT	NT	NT
Phenanthrene	NDC	NDC	4,200	NT	**1.66 J**	NT	NT	NT	<0.05 UJ	NT	NT	NT
Pyrene	NDC	NDC	2,000	NT	**1.14 J**	NT	NT	NT	<1.00 UJ	NT	NT	NT
% Solids				83.0	85.6	75.5	85.7	91.6	92.7	84.2	90.5	87.8

Notes:
1. An asterisk (*) following a detection limit indicates that the minumum laboratory reporting limit exceeds one or more of the regulatory criteria.
2. NT = Not tested.
3. ~ = No Standard available
4. Detected compounds only are shown on this table (with the exception of SPLP metals, all are shown). For a complete analyte list, see laboratory analytical reports.
5. Bolded values indicate the compound was reported at the concentration indicated.
6. Soil samples with shaded values exceed the RSR Direct Exposure Criteria (DEC) for the parameter.
7. Soil samples with bolded outline exceed the RSR PMC for the parameter.
8. RSR criteria are in same units as analyte.
9. † = RCRA 8 Metal. Samples were analyzed either for select metals, RCRA 8 or CTDEP 15 Metals.
10. SPLP analyses not shown may have been performed at certain locations. Only detected SPLP results are shown.
11. If detected, SPLP PAH results are compared to the GWPCx10.

** Based on comparison of mass analyses results to SPLP results from other samples, mass analytical results may not exceed the GB PMC if the sample was reanalyzed for SPLP.
*** Based on SPLP results from this sample, mass analyses results do not exceed the GB PMC.

RSRs = Remediation Standard Regulations
Res DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
PMC = Pollutant Mobility Criteria

VOCs = Volatile Organic Compounds
PAHs = Poly-cyclic Aromatic Hydrocarbons
ETPH = Extractable Petroleum Hydrocarbons
PCBs = Poly Chlorinated Biphenyls
ND = Not Detected above laboratory detection limit (shown in parenthesis)
NT = Not Tested
NDC = Not Directly Comparable based on the analytical method

EB= analyte was detected in the associated equipment blank and there is an indeterminate amount of error in the result presented
J = concentration is an estimate
UJ =reporting limit is an estimate

TABLE 3A
Summary of Soil Sample Analytical Data

Supplemental Investigation and Soil Re-Use Evaluation
INSILCO, Factory H
Meriden, Connecticut
AECOM Environment
August 2009

Parameter	CT RSR Criteria			SAMPLE LOCATION AOC 33 (BUILDING A)											
	I/C DEC	RES DEC	GB PMC	ME-MW-02 4.5-6FT	ME-MW-02 13-14FT	ME-SB-01 0.5-1.5FT	ME-SB-01 8-9FT	ME-SB-02 1-2FT	ME-SB-02 9-9FT	ME-SB-03 1-2FT	ME-SB-03 7.5-8.5FT	ME-SB-04 0-1FT	ME-SB-04 8-9FT	ME-SB-05 0.5-1.5FT	ME-SB-05 5.5-6FT
Sampling Date				2/19/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09
Laboratory Report Number				LIMT-23411/23748	LIMT-23411	LIMT-23411/23695/23748	LIMT-23411/23748	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411/23748
CTDEP ETPH (mg/kg)															
ETPH	2,500	500	2,500	**170**	<12	**620**	**13**	<11	<11	**31**	<12	<11	<12	**55**	**73**
PCBs 8082 (mg/kg)				NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
VOCs 8260 (mg/kg)															
Naphthalene	2,500	1,000	56	<0.006	<0.005	<0.004	<0.005	<0.004	<0.004	<0.004	<0.005	<0.004	<0.004	<0.004	<0.005
Tetrachloroethylene	110	12	~	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Trichloroethylene	520	56	~	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	**0.002**	<0.003	<0.002	<0.002	<0.002	<0.003
VOCs 8260 - solid (mg/kg)				NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
CTDEP 16 RSR Metals (mg/kg)															
Arsenic†	10	10	NDC	**14.4**	<2.86	**3.16**	**4.70**	**3.75**	<2.63	**6.71**	<2.89	**5.36**	**3.08**	**4.80**	**7.10**
Barium†	140,000	4,700	NDC	**66.4**	**28.7**	**80.5**	**292**	**96.3**	**90.7**	**224**	**173**	**249**	**106**	**178**	**256**
Beryllium	2	2	NDC	**0.41**	NT	NT	**0.90**	NT	NT	NT	NT	NT	NT	**0.53**	NT
Cadmium†	1,000	34	NDC	<0.26	<0.29	**0.31**	**0.37**	**0.28**	<0.27	<0.28	<0.29	**0.35**	<0.28	**0.26**	**0.55**
Chromium†	~	~	NDC	**5.11**	**6.17**	**11.5**	**32.8**	**14.8**	**9.86**	**25.9**	**18.9**	**19.8**	**16.4**	**19.7**	**26.3**
Copper	76,000	2,500	NDC	**202**	NT	NT	**31.7**	NT	NT	NT	NT	NT	NT	**350**	NT
Lead†	1,000	400	NDC	**90.9**	**4.19**	**58.5**	**31.6**	**8.21**	**9.76**	**33.5**	**7.96**	**12.7**	**6.28**	**129**	**484**
Mercury†	610	20	NDC	**0.099**	<0.014	**0.089**	**0.105**	<0.010	<0.014	**0.053**	**0.022**	**0.010**	<0.012	**0.307**	**2.07**
Nickel	7,500	1,400	NDC	**40.0**	NT	NT	**13.2**	NT	NT	NT	NT	NT	NT	**72.7**	NT
Silver†	10,000	340	NDC	**82.2**	<0.58	**1.83**	<0.66	<0.52	<0.53	**2.20**	<0.58	<0.52	<0.56	**4.47**	**9.77**
Vanadium	14,000	470	NDC	**12.1**	NT	NT	**59.8**	NT	NT	NT	NT	NT	NT	**38.1**	NT
Zinc	610,000	20,000	NDC	**85.3 J**	NT	NT	**77.4 J**	NT	NT	NT	NT	NT	NT	**144 J**	NT
Cyanide 9014 (mg/kg)															
Cyanide	41,000	1,400	NDC	<0.81	<1.1	**1.7**	**2.7**	<0.67	<0.89	<0.81	<0.64	<0.90	<0.94	<0.82	<0.98
SPLP Metals (ug/L)															
Silver	NDC	NDC	360	**21.0**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<2.50
Copper	NDC	NDC	13,000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Cyanide	NDC	NDC	2000000	NT	NT	**12**	<10	NT	NT	NT	NT	NT	NT	NT	NT
Lead	NDC	NDC	150	**19.2**	NT	<5.00	NT	NT	NT	NT	NT	NT	NT	NT	**21.6**
Mercury	NDC	NDC	20000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.10
PAHs 8270C (mg/kG)															
Acenaphthene	2,500	1,000	84	**0.200**	<0.191	**0.515**	<0.218	<0.171	<0.176	<0.184	<0.193	<0.173	<0.186	<0.170	<0.236
Anthracene	2,500	1,000	400	<0.170	<0.191	**1.95**	<0.218	<0.171	<0.176	<0.184	<0.193	<0.173	<0.186	<0.170	<0.236
Benzo(a)anthracene	7.8	1	1	**0.778**	<0.191	**6.8*** **	<0.218	<0.171	<0.176	**0.243**	<0.193	<0.173	<0.186	<0.170	<0.236
Benzo(a)pyrene	1	1	1	**0.407**	<0.191	**6.66*** **	<0.218	<0.171	<0.176	**0.197**	<0.193	<0.173	<0.186	<0.170	<0.236
Benzo(b)fluoranthene	7.8	1	1	**0.478**	<0.191	**6.15*** **	<0.218	<0.171	<0.176	**0.230**	<0.193	<0.173	<0.186	<0.170	<0.236
Benzo(g,h,i)perylene	2,500	1,000	42	**0.216**	<0.191	**2.01**	<0.218	<0.171	<0.176	<0.184	<0.193	<0.173	<0.186	<0.170	<0.236
Benzo(k)fluoranthene	78	8.4	1	<0.170	<0.191	**2.14*** **	<0.218	<0.171	<0.176	<0.184	<0.193	<0.173	<0.186	<0.170	<0.236
Chrysene	780	84	1	**1.08**	<0.191	**6.24*** **	<0.218	<0.171	<0.176	**0.264**	<0.193	<0.173	<0.186	**0.175**	<0.236
Dibenz(a,h)anthracene	1	1	1	<0.170	<0.191	**0.850**	<0.218	<0.171	<0.176	<0.184	<0.193	<0.173	<0.186	<0.170	<0.236
Fluoranthene	2,500	1,000	56	**0.978**	<0.191	**7.91**	<0.218	<0.171	<0.176	**0.441**	<0.193	<0.173	<0.186	**0.177**	<0.236
Fluorene	2,500	1,000	56	**0.203**	<0.191	**0.753**	<0.218	<0.171	<0.176	<0.184	<0.193	<0.173	<0.186	<0.170	<0.236
Indeno(1,2,3-cd)pyrene	7.8	1	1	**0.227**	<0.191	**2.78*** **	<0.218	<0.171	<0.176	<0.184	<0.193	<0.173	<0.186	<0.170	<0.236
2-Methylnaphthalene	2,500	474	9.8	**0.287**	<0.191	**1.05**	<0.218	<0.171	<0.176	<0.184	<0.193	<0.173	<0.186	<0.170	<0.236
Naphthalene	2,500	1,000	56	**0.867**	<0.191	**5.46**	**1.70**	<0.171	**0.780**	**3.93**	**9.96**	<0.173	**1.23**	**1.28**	<0.236
Phenanthrene	2,500	1,000	40	**2.91**	<0.191	**6.96**	<0.218	<0.171	<0.176	**0.356**	<0.193	<0.173	<0.186	<0.170	<0.236
Pyrene	2,500	1,000	40	**2.74**	<0.191	**8.68**	**0.281**	<0.171	<0.176	**0.568**	<0.193	<0.173	<0.186	**0.302**	**0.322**
SPLP PAHs 8270C (ug/l)	NDC	NDC	(GA GWPC x 10) 4,200	NT	NT	<0.30	NT	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthene	NDC	NDC	4,200	NT	NT	<0.30	NT	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	NDC	NDC	20,000	NT	NT	**0.20**	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	NDC	NDC	0.6	NT	NT	**0.210**	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	NDC	NDC	2	NT	NT	**0.200**	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene	NDC	NDC	0.8	NT	NT	**0.200**	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	NDC	NDC	42	NT	NT	<0.500 UJ	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	NDC	NDC	48	NT	NT	<0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chrysene	NDC	NDC	2,800	NT	NT	<0.50	NT	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	NDC	NDC	2,800	NT	NT	<1.00	NT	NT	NT	NT	NT	NT	NT	NT	NT
Fluorene	NDC	NDC	490	NT	NT	<1.00	NT	NT	NT	NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	NDC	NDC	2,800	NT	NT	<1.00	NT	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	NDC	NDC	4,200	NT	NT	**0.56**	NT	NT	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	NDC	NDC	2,000	NT	NT	<1.00	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pyrene				98.6	87.7	94.5	76.5	98.0	95.2	90.7	86.6	96.8	89.7	98.2	70.7
% Solids															

Notes:
1. An asterisk (*) following a detection limit indicates that the minumum laboratory reporting limit exceeds
2. NT = Not tested.
3. ~ = No Standard available
4. Detected compounds only are shown on this table (with the exception of SPLP metals, all are shown). see laboratory analytical reports.
5. Bolded values indicate the compound was reported at the concentration indicated.
6. Soil samples with shaded values exceed the RSR Direct Exposure Criteria (DEC) for the parameter.
7. Soil samples with bolded outline exceed the RSR PMC for the parameter.
8. RSR criteria are in same units as analyte.
9. † = RCRA 8 Metal. Samples were analyzed either for select metals, RCRA 8 or CTDEP 15 Metals.
10. SPLP analyses not shown may have been performed at certain locations. Only detected SPLP result
11. If detected, SPLP PAH results are compared to the GWPCx10.

** Based on comparison of mass analyses results to SPLP results from other samples, mass analytical re sample was reanalyzed for SPLP.

*** Based on SPLP results from this sample, mass analyses results do not exceed the GB PMC.

TABLE 3B
Summary of Soil Sample Analytical Data

Supplemental Investigation and Soil Re-Use Evaluation
INSILCO, Factory H
Meriden, Connecticut
AECOM Environment
August 2009

Parameter	CT RSR Criteria			SAMPLING LOCATION SOIL RE-USE EVALUTION													
	I/C DEC	RES DEC	GB PMC	ME-SB-08 2-3FT	ME-SB-08 5-6FT	ME-SB-09 3-4FT	ME-SB-09 3-4FT DUP	ME-SB-09 8-9FT	ME-SB-10 1-2FT	ME-SB-10 13-14FT	ME-SB-11 12-13FT	ME-SB-11 3-4FT	ME-SB-11 3-4FT DUP	ME-SB-12 3-4FT	ME-SB-12 6.5-7.5FT	ME-SB-13 3-4FT	ME-SB-13 8-9FT
Sampling Date				3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09
Laboratory Report Number				LIMT-24388/24711	LIMT-24388/24711	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388/24711	LIMT-24388
CTDEP ETPH (mg/kg)																	
ETPH	2,500	500	2,500	**160**	**270**	<12	<12	<13	**2,600**	<13	<12	<13	<13	**150**	<14	**1,800**	<12
PCBs 8082 (mg/kg)	1	1	NDC	<0.114	NT	<0.120	<0.120	NT	<0.115	NT	NT	<0.126	<0.129	<0.122	NT	<0.121	NT
VOCs 8260 (mg/kg)																	
Naphthalene	2,500	1,000	56	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	**0.045**	<0.007
CTDEP 15 RSR Metals (mg/kg)																	
Arsenic†	10	10	NDC	**9.06**	<2.80	**3.57**	**4.39**	**3.58**	**5.12**	<3.12	**3.52**	**4.13**	**4.10**	**6.85**	**5.49**	**5.86**	**9.28**
Barium†	140,000	4,700	NDC	**101**	**198**	**127**	**139**	**61.9**	**76.9**	**81.7**	**43.3**	**241**	**228**	**124**	**132**	**91.7**	**152**
Beryllium	2	2	NDC	<0.29	<0.28	<0.30	<0.30	<0.32	<0.29	<0.32	<0.30	<0.32	<0.33	<0.31	<0.34	<0.31	<0.29
Cadmium†	1,000	34	NDC	**1.34**	<0.28	<0.30	<0.30	<0.32	**0.39**	<0.32	<0.30	<0.32	<0.33	**0.51**	<0.34	**0.40**	<0.29
Chromium†	~	~	NDC	**52.1**	**11.4**	**11.8**	**13.2**	**10.5**	**15.2**	**8.55**	**10.1**	**21.0**	**19.9**	**21.9**	**15.2**	**13.6**	**17.9**
Copper	76,000	2,500	NDC	**518**	**44.1**	**14.9**	**20.2**	**17.5**	**455**	**14.0**	**12.6**	**11.4**	**14.2**	**251**	**11.3**	**269**	**10.2**
Lead†	1,000	400	NDC	**207**	**26.0**	**42.8**	**42.2**	**4.26**	**161**	**4.53**	**3.78**	**42.0**	**58.8**	**108**	**39.2**	**80.9**	**3.12**
Mercury†	610	20	NDC	**1.96**	**0.391**	**0.048**	**0.041**	<0.015	**0.210**	<0.015	<0.014	**0.072**	**0.052**	**0.390**	**0.025**	**0.135**	<0.025
Nickel	7,500	1,400	NDC	**85.6**	**10.0**	**8.69**	**9.89**	**9.39**	**71.5**	**9.83**	**12.2**	**9.87**	**10.3**	**42.4**	**8.58**	**65.5**	**11.5**
Silver†	10,000	340	NDC	**10.9**	**1.10**	<0.60	**0.60**	<0.63	**8.96**	<0.63	<0.60	<0.63	**0.65**	**8.61**	<0.67	**6.19**	**0.71**
Vanadium	14,000	470	NDC	**30.2**	**14.2**	**22.1**	**33.6**	**21.7**	**28.9**	**19.3**	**19.9**	**40.8**	**39.3**	**31.1**	**34.7**	**19.9**	**49.1**
Zinc	610,000	20,000	NDC	**473**	**102**	**45.1**	**55.1**	**29.1**	**146**	**28.6**	**26.8**	**53.6**	**59.7**	**175**	**35.4**	**132**	**40.8**
SPLP Metals (ug/L)																	
Silver†	NDC	NDC	360	<2.50	<2.50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<2.50	NT
Copper	NDC	NDC	13,000	**49.0**	<25.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**33.6**	NT
Cyanide	NDC	NDC	2000000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Lead†	NDC	NDC	150	**12.9**	**7.19**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**13.4**	NT
Mercury †	NDC	NDC	20000	**0.37**	<0.10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.10	NT
SVOCs 8270C (mg/kG)																	
Acenaphthene	2,500	1,000	84	<0.189	<0.187	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	**1.27**	<0.193
Acenaphthylene	2,500	1,000	84	<0.189	<0.187	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	**2.51**	<0.193
Anthracene	2,500	1,000	400	**0.370**	**0.602**	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	**8.70**	<0.193
Benzo(a)anthracene	7.8	1	1	**1.41*** **	**1.84*** **	<0.200	<0.199	<0.207	**1.09** **	<0.208	<0.199	<0.209	<0.215	**1.11** **	<0.224	**9.68*** **	<0.193
Benzo(a)pyrene	1	1	1	**1.18*** **	**1.31*** **	<0.200	<0.199	<0.207	**1.11** **	<0.208	<0.199	<0.209	<0.215	**0.903**	<0.224	**7.51*** **	<0.193
Benzo(b)fluoranthene	7.8	1	1	**1.38*** **	**1.47*** **	<0.200	<0.199	<0.207	**1.48** **	<0.208	<0.199	<0.209	<0.215	**1.1** **	<0.224	**8.8*** **	<0.193
Benzo(g,h,i)perylene	2,500	1,000	42	**0.902**	**0.494**	<0.200 UJ	<0.199 UJ	<0.207 UJ	<0.952	<0.208 UJ	<0.199	<0.209 UJ	<0.215 UJ	**0.557**	<0.224	**3.50**	<0.193
Benzo(k)fluoranthene	78	8.4	1	**0.570**	**0.601**	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	**0.420**	<0.224	**4.48*** **	<0.193
Carbazole	~	~	~	<0.19	<0.19	<0.20	<0.20	<0.21	<0.96	<0.21	<0.20	<0.21	<0.22	<0.21	<0.23	**2.34**	<0.20
Chrysene	780	84	1	**1.38*** **	**1.63*** **	<0.200	<0.199	<0.207	**1.37** **	<0.208	<0.199	<0.209	<0.215	**1.15** **	<0.224	**9.84*** **	<0.193
Dibenzofuran	2,500	270	1	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	**5.25*** **	<0.39
Dibenz(a,h)anthracene	1	1	1	**0.275**	**0.208**	<0.200 UJ	<0.199 UJ	<0.207 UJ	<0.952	<0.208 UJ	<0.199	<0.209 UJ	<0.215 UJ	**0.208**	<0.224	**1.38*** **	<0.193
Fluoranthene	2,500	1,000	56	**2.08**	**2.30**	<0.200	<0.199	<0.207	**1.56**	<0.208	<0.199	<0.209	<0.215	**1.22**	<0.224	**20.1**	<0.193
Fluorene	2,500	1,000	56	<0.189	**0.207**	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	**9.36**	<0.193
Indeno(1,2,3-cd)pyrene	7.8	1	1	**1.09*** **	**0.629**	<0.200 UJ	<0.199 UJ	<0.207 UJ	<0.952	<0.208 UJ	<0.199	<0.209 UJ	<0.215 UJ	**0.725**	<0.224	**4.53*** **	<0.193
2-Methylnaphthalene	2,500	474	9.8	<0.189	<0.187	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	**1.84**	<0.193
Naphthalene	2,500	1,000	56	<0.189	<0.187	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	**2.40**	<0.193
Phenanthrene	2,500	1,000	40	1.33	1.68	<0.200	<0.199	<0.207	**1.61**	<0.280	<0.199	<0.209	<0.215	**0.616**	<0.244	**28.5**	<0.193
Pyrene	2,500	1,000	40	**2.53**	**2.56**	<0.200 UJ	<0.199 UJ	<0.207 UJ	**1.98**	<0.208 UJ	<0.199	<0.209 UJ	<0.215 UJ	**1.67**	<0.224	**20.5**	<0.193
SPLP SVOCs 8270C (ug/l)			**(GA GWPC x 10)**														
Acenaphthene	NDC	NDC	4,200	<0.30	<0.30	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**3.51**	NT
Acenaphthylene	NDC	NDC	4,200	<0.30	<0.30	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**6.61**	NT
Anthracene	NDC	NDC	20,000	<0.20	<0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**4.91**	NT
Benzo(a)anthracene	NDC	NDC	0.6	<0.050	<0.050	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**0.440**	NT
Benzo(a)pyrene	NDC	NDC	2	<0.100	<0.100	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**0.180**	NT
Benzo(b)fluoranthene	NDC	NDC	0.8	<0.050	<0.050	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**0.190**	NT
Benzo(g,h,i)perylene	NDC	NDC	42	<0.0500	<0.500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**3.50**	NT
Bis(2-ethylhexyl)phthalate	NDC	NDC	20	**3.01**	**2.75**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**5.26**	NT
Carbazole	NDC	NDC	~	<5.00	<5.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**24.30**	NT
Chrysene	NDC	NDC	48	<0.20	<0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**0.36**	NT
Dibenzofuran	NDC	NDC	280	<10.0	<10.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**10.6**	NT
Fluoranthene	NDC	NDC	2,800	<0.50	<0.50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**5.19**	NT
Fluorene	NDC	NDC	2,800	<1.00	<1.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**23.5**	NT
2-Methylnaphthalene	NDC	NDC	490	<1.00	<1.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**3.12**	NT
Naphthalene	NDC	NDC	2,800	<1.00	<1.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**2.44**	NT
Phenanthrene	NDC	NDC	4,200	**0.08**	**0.56**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**31.8**	NT
Pyrene	NDC	NDC	2,000	<1.00	<1.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**3.49**	NT
% Solids				88.4	89.6	83.6	84.0	80.6	87.6	80.2	83.8	79.9	77.7	82.6	74.7	83.3	86.6

Notes:
1. An asterisk (*) following a detection limit indicates that the minumum laboratory reporting limit exceeds one or more of the regulatory criteria.
2. NT = Not tested.
3. ~ = No Standard available
4. Detected compounds only are shown on this table (with the exception of SPLP metals, all are shown). For a complete analyte list, see laboratory analytical reports.
5. Bolded values indicate the compound was reported at the concentration indicated.
6. Soil samples with shaded values exceed the RSR Direct Exposure Criteria (DEC) for the parameter.
7. Soil samples with bolded outline exceed the RSR PMC for the parameter.
8. RSR criteria are in same units as analyte.
9. † = RCRA 8 Metal. Samples were analyzed either for select metals, RCRA 8 or CTDEP 15 Metals.
10. SPLP analyses not shown may have been performed at certain locations. Only detected SPLP results are shown.
11. If detected, SPLP SVOC results are compared to the GWPCx10.

** Based on comparison of mass analyses results to SPLP results from other samples, mass analytical results may not exceed the GB PMC if the sample was reanalyzed for SPLP.

*** Based on SPLP results from this sample, mass analyses results do not exceed the GB PMC.

RSRs = Remediation Standard Regulations
Res DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
PMC = Pollutant Mobility Criteria

VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
ETPH = Extractable Petroleum Hydrocarbons
PCBs = Poly Chlorinated Biphenyls
ND = Not Detected above laboratory detection limit (shown in parenthesis)
NT = Not Tested
NDC = Not Directly Comparable based on the analytical method

EB= analyte was detected in the associated equipment blank and there is an indeterminate amount of error in the result presented
J = concentration is an estimate
UJ =reporting limit is an estimate

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC I/C DEC	RSR DEC R DEC	GB PMC	AOC-1 AOC-1-SB1 4-6	AOC-1 AOC-1-SB1 6-6	AOC-1 AOC-1-SB2 2-4	AOC-1 AOC-1-SB2 8-10	AOC-1 AOC-1-SB2 10-12	AOC-1 AOC-1-SB3 0-2	AOC-1 AOC-1-SB3 10-12	AOC-2 AOC-2-SS1	AOC-2 AOC-2-SB1 5.5-6	AOC-2 AOC-2-SB1 6-8	AOC-3 AOC-3-SB/MW01 2-4	AOC-3 AOC-3-SB/MW01 6-8	AOC-5-SS1
Sampling Date				3/29/06	3/29/06	3/31/06	3/31/06	3/31/06	3/29/06	3/29/06	3/29/06	3/29/06	3/31/06	3/30/06	3/30/06	3/29/06
Sample Depth (feet)				4-6	6	2-4	8-10	10-12	0-2	10-12	0-0.5	5.5-6	6-8	2-4	6-8	0-0.5
Laboratory Report Number				LIMS-96358, LIMS-96662	LIMS-96358, LIMS-96662	LIMS-96388, LIMS-96698	LIMS-96388	LIMS-96388	LIMS-96358, LIMS-96679, LIMS-	LIMS-96359	LIMS-96358, LIMS-96679, LIMS-	LIMS-96358	LIMS-96388, LIMS-96698	LIMS-96357, LIMS-96668	LIMS-96357	LIMS-96358
VOCs - MASS																
8260 dry weight (mg/kg dry wt)																
Acrylonitrile	11	1.1	0.10	<0.020*	<0.040* UJ	<0.023*	<4.7*	<0.019*	<0.017*	<0.018*	<0.012*	<0.021*	<3.7*	<0.015*	<0.019*	<0.020*
tert-Amylmethyl Ether	~	~	~	<0.001	<0.002 UJ	<0.001	<0.24	<0.001	<0.001	<0.001	<0.001	<0.002	<0.19	<0.001	<0.001	<0.001
Benzene	200	21	0.20	<0.002	<0.004 UJ	<0.002	<0.47*	<0.002	0.008	<0.002	<0.001	<0.003	<0.37*	<0.002	<0.002	<0.002
Bromodichloromethane	92	9.9	0.11	<0.002	<0.004 UJ	<0.002	<0.47*	<0.002	<0.002	<0.002	<0.001	<0.003	<0.37*	<0.002	<0.002	<0.002
Bromomethane	1,000	95	2.0	<0.010	<0.020 UJ	<0.012	<2.4*	<0.010	<0.009	<0.009	<0.006	<0.011	<1.9	<0.008	<0.010	<0.010
n-Butylbenzene	1,000	500	14	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	<0.002	<0.002	<0.001	0.049	17 J	<0.002	<0.002	<0.002
sec-Butylbenzene	1,000	500	14	<0.002	<0.004 UJ	<0.002	<0.47	0.003	<0.002	<0.002	<0.001	0.022	9.1 J	<0.002	<0.002	<0.002
tert-Butylbenzene	1,000	500	14	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	<0.002	<0.002	<0.001	0.006	0.83	<0.002	<0.002	<0.002
Carbon Tetrachloride	44	4.7	1.0	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	<0.002	<0.002	<0.001	<0.003	<0.37*	<0.002	<0.002	<0.002
Chlorodibromomethane	68	7.3	0.10	<0.001	<0.002 UJ	<0.001	<0.24*	<0.001	<0.001	<0.001	<0.001	<0.002	<0.19*	<0.001	<0.001	<0.001
Chloroform	940	100	1.2	<0.004	<0.008 UJ	<0.005	<0.94	<0.004	<0.004	<0.004	<0.002	<0.005	<0.73	<0.003	<0.004	<0.004
Chloromethane	440	47	0.54	<0.010	<0.020 UJ	<0.012	<2.4*	<0.010	<0.009	<0.009	<0.006	<0.011	<1.9* UJ	<0.008	<0.010	<0.010
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	<0.002	<0.004 UJ	<0.002	<0.47*	<0.002	<0.002	<0.002	<0.001	<0.003	<0.37	<0.002	<0.002	<0.002
1,2-Dibromoethane	0.067	0.007	~	<0.001	<0.002 UJ	<0.001	<0.24*	<0.001	<0.001	<0.001	<0.001	<0.002	<0.19*	<0.001	<0.001	<0.001
cis-1,2-Dichloroethylene	1,000	500	14	<0.002	0.017 J	<0.002	0.80	0.031	<0.002	<0.002	<0.001	<0.003	0.71	<0.002	0.002	<0.002
1,2-Dichloropropane	84	9.0	1.0	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	<0.002	<0.002	<0.001	<0.003	<0.37	<0.002	<0.002	<0.002
1,3-Dichloropropane	~	~	0.1	<0.001	<0.002 UJ	<0.001	<0.24	<0.001	<0.001	<0.001	<0.001	<0.002	<0.19	<0.001	<0.001	<0.001
Ethyl Benzene	1,000	500	10	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	<0.002	<0.002	<0.001	0.002	2.4 J	<0.002	<0.002	<0.002
Isopropylbenzene	1,000	500	130	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	<0.002	<0.002	<0.001	0.007	3.5 J	<0.002	<0.002	<0.002
p-Isopropyltoluene	1,000	500	14	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	<0.002	<0.002	<0.001	0.013	15	<0.002	<0.002	<0.002
Methylene Chloride	760	82	1.0	<0.020	<0.040 UJ	<0.023	<4.7*	<0.019	0.029	<0.018	<0.012	<0.021	<3.7*	<0.015	<0.019	<0.020
Naphthalene	2,500	1,000	56	<0.010	<0.020 UJ	<0.012	<2.4	<0.010	0.023	<0.009	<0.006	<0.011	21 J	<0.008	<0.010	<0.010
n-Propylbenzene	1,000	500	14	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	<0.002	<0.002	<0.001	0.008	5.6 J	<0.002	<0.002	<0.002
1,1,1,2-Tetrachloroethane	220	24	0.20	<0.002	<0.004 UJ	<0.002	<0.47*	<0.002	<0.002	<0.002	<0.001	<0.003	<0.37*	<0.002	<0.002	<0.002
1,1,2,2-Tetrachloroethane	29	3.1	0.10	<0.001	<0.002 UJ	<0.001	<0.24*	<0.001	<0.001	<0.001	<0.001	<0.002	<0.19*	<0.001	<0.001	<0.001
Tetrachloroethylene	110	12	1.0	0.024 J	11 J	0.003	0.63	<0.002	0.002 J	<0.002	<0.001	<0.003	<0.37	<0.002	<0.002	<0.002
Toluene	1,000	500	67	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	0.002	<0.002	<0.001	<0.003	0.65	<0.002	<0.002	<0.002
Trichloroethylene	520	56	1.0	0.010	8.6 J	0.027	<0.47	0.005	<0.002	<0.002	<0.001	0.035	<0.37	<0.002	<0.002	<0.002
1,2,4-Trimethylbenzene	1,000	500	70	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	0.003	<0.002	<0.001	0.086	37 J	<0.002	<0.002	<0.002
1,3,5-Trimethylbenzene	1,000	500	70	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	<0.002	<0.002	<0.001	0.093	17	<0.002	<0.002	<0.002
Vinyl Chloride	3.0	0.32	0.40	<0.010	<0.020 UJ	<0.012	<2.4*	<0.010	<0.009	<0.009	<0.006	<0.011	<1.9* J	<0.008	<0.010	<0.010
m + p Xylene	1,000	500	20	<0.004	<0.008 UJ	<0.005	<0.94	<0.004	<0.004	<0.004	<0.002	0.007	5.0 J	<0.003	<0.004	<0.004
o-Xylene	1,000	500	20	<0.002	<0.004 UJ	<0.002	<0.47	<0.002	<0.002	<0.002	<0.001	0.005	3.1	<0.002	<0.002	<0.002
VOCs - (self-implementing)																
splp 8260 (ug/l)			**GWPC X 10**													
Acetone	~	~	7000	NT	<5.0	NT	NT	NT	NT	NT	NT	NT	15.6	NT	NT	NT
n-Butylbenzene	~	~	610	NT	<0.5	NT	NT	NT	NT	NT	NT	NT	12.7	NT	NT	NT
tert-Butylbenzene	~	~	610	NT	<0.5	NT	NT	NT	NT	NT	NT	NT	1.8	NT	NT	NT
Carbon Disulfide	~	~	7000	NT	<0.5	NT	NT	NT	NT	NT	NT	NT	0.9	NT	NT	NT
1,2-Dichloroethylene	~	~	700	NT	0.9	NT	NT	NT	NT	NT	NT	NT	<0.5	NT	NT	NT
p-Isopropyltoluene	~	~	700	NT	<0.5	NT	NT	NT	NT	NT	NT	NT	7.7	NT	NT	NT
Methylene Chloride	~	~	50	NT	18.1	NT	NT	NT	NT	NT	NT	NT	9.7	NT	NT	NT
Naphthalene	~	~	2800	NT	<2.0	NT	NT	NT	NT	NT	NT	NT	4.1	NT	NT	NT
Tetrachloroethylene	~	~	50	NT	15.8	NT	NT	NT	NT	NT	NT	NT	<0.5	NT	NT	NT
Trichloroethylene	~	~	50	NT	10.5	NT	NT	NT	NT	NT	NT	NT	<0.5	NT	NT	NT
1,2,4-Trimethylbenzene	~	~	3500	NT	<0.5	NT	NT	NT	NT	NT	NT	NT	1.2	NT	NT	NT
1,3,5-Trimethylbenzene	~	~	3500	NT	<0.5	NT	NT	NT	NT	NT	NT	NT	59.4	NT	NT	NT
Vinyl Chloride	~	~	20	NT	<0.5	NT	NT	NT	NT	NT	NT	NT	0.8	NT	NT	NT
o-Xylene	~	~	5300	NT	<0.5	NT	NT	NT	NT	NT	NT	NT	8.6	NT	NT	NT
METALS - TOTAL (mg/kg)			**PMC X 20 (screening)**													
ag (mg/kg)dw icp (mg/kg dry wt)																
Silver	10,000	340	7.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.89	0.73	NT
as (mg/kg)dw icp (mg/kg dry wt)																
Arsenic	10.0	10.0	10.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<5.51	<6.02	NT
ba (mg/kg)dw icp (mg/kg dry wt)																
Barium	140,000	4,700	200.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	47.1	84.7	NT
be (mg/kg)dw icp (mg/kg dry wt)																
Beryllium	2.00	2.00	0.80	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.29	0.32	NT
cd (mg/kg)dw icp (mg/kg dry wt)																
Cadmium	1,000	34.0	1.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.56	<0.61	NT
cr (mg/kg)dw icp (mg/kg dry wt)																
Chromium	~	~	10.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.6	14.1	NT
cu (mg/kg)dw icp (mg/kg dry wt)																
Copper	76,000	2,500	260.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.3	18.0	NT
hg (mg/kg) dw (mg/kg dry wt)																
Mercury	610	20.0	0.40	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.023	0.029	NT
ni (mg/kg)dw icp (mg/kg dry wt)																
Nickel	7,500	1,400	20.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.0	12.7	NT
pb (mg/kg)dw icp (mg/kg dry wt)																
Lead	1,000	400	3.00	NT	NT	NT	NT	NT	131	NT	17.9	NT	NT	13.5	5.70	NT
sb (mg/kg)dw icp (mg/kg dry wt)																
Antimony	8,200	27.0	1.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<4.41*	<4.82*	NT
v (mg/kg)dw icp (mg/kg dry wt)																
Vanadium	14,000	470	10.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	25.6	27.6	NT
zn (mg/kg)dw icp (mg/kg dry wt)																
Zinc	610,000	20,000	1000.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.3	34.8	NT
METALS - (SPLP)																
splp - beryllium (mg/l)																
Beryllium	~	~	0.04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - cd low (mg/l leachate)																
Cadmium	~	~	0.05	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - chromium (mg/l leachate)																
Chromium	~	~	0.50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - copper (mg/l leachate)																
Copper	~	~	13.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - lead icp (mg/l leachate)																
Lead	~	~	0.15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	NT	NT
splp - nickel (mg/l leachate)																

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC I/C DEC	RSR DEC R DEC	GB PMC	AOC-1 AOC-1 SB1 4-6	AOC-1 AOC-1-SB1 6-6	AOC-1 AOC-1-SB2 2-4	AOC-1 AOC-1-SB2 8-10	AOC-1 AOC-1-SB2 10-12	AOC-1 AOC-1-SB3 0-2	AOC-1 AOC-1-SB3 10-12	AOC-2 AOC-2-SS1	AOC-2 AOC-2-SB1 5.5-6	AOC-2 AOC-2-SB1 6-8	AOC-3 AOC-3-SB/MW01 2-4	AOC-3 AOC-3-SB/MW01 6-8	AOC-5-SS1
Sampling Date				3/29/06	3/29/06	3/31/06	3/31/06	3/31/06	3/29/06	3/29/06	3/29/06	3/29/06	3/31/06	3/30/06	3/30/06	3/29/06
Sample Depth (feet)				4-6	6	2-4	8-10	10-12	0-2	10-12	0-0.5	5.5-6	6-8	2-4	6-8	0-0.5
Laboratory Report Number				LIMS-96358, LIMS-96662	LIMS-96358, LIMS-96662	LIMS-96388, LIMS-96698	LIMS-96388	LIMS-96388	LIMS-96358, LIMS-96679, LIMS-	LIMS-96359	LIMS-96358, LIMS-96679, LIMS-	LIMS-96358	LIMS-96388, LIMS-96698	LIMS-96357, LIMS-96668	LIMS-96357	LIMS-96358
Nickel	~	~	1.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - sb furn (mg/l)																
Antimony	~	~	0.06	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - silver (mg/l leachate)																
Silver	~	~	0.36	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - tl furn (mg/l)																
Thallium	~	~	0.05	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - vanadium (mg/l leachate)																
Vanadium	~	~	0.50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp barium icp (mg/l leachate)																
Barium	~	~	10.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp mercury (mg/l leachate)																
Mercury	~	~	0.02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
PAHs - MASS																
peh - sludge (mg/kg dry wt)																
Acenaphthene	2,500	1,000	84	<3.63	<0.26	<0.20	<6.11	<0.40	22.9	<0.20	<1.81	<0.21	<1.07	<0.18	<0.20	<3.77
Acenaphthylene	2,500	1,000	84	3.96	<0.26	1.11	<6.11	<0.40	6.28	<0.20	3.59	<0.21	<1.07	<0.18	<0.20	<3.77
Anthracene	2,500	1,000	400	10.7	<0.26	1.42	<6.11	<0.40	67.4	<0.20	6.24	0.24	<1.07	<0.18	<0.20	5.86
Benzo(a)anthracene	7.80	1.00	1	36.0	<0.26	7.74	<6.11*	<0.40	56.9	<0.20	21.6	1.34	<1.07*	<0.18	<0.20	19.1
Benzo(a)pyrene	1.00	1.00	1	21.3	<0.26	7.08	<6.11*	<0.40	43.3	<0.20	15.3	1.32	<1.07*	<0.18	<0.20	13.8
Benzo(b)fluoranthene	7.80	1.00	1	26.7	0.28	2.49	<6.11*	<0.40	56.2	<0.20	23.7	1.71	<1.07*	<0.18	<0.20	19.1
Benzo(g,h,i)perylene	2,500	1,000	42	10.8	<0.26	2.27	<6.11	<0.40	20.5	<0.20	8.49	0.76	<1.07	<0.18	<0.20	6.03
Benzo(k)fluoranthene	76.0	8.40	1	8.36	<0.26	2.19	<6.11*	<0.40	19.4	<0.20	9.69	0.63	<1.07*	<0.18	<0.20	8.12
Chrysene	780	84.0	1	33.0	<0.26	8.21	<6.11*	<0.40	52.6	<0.20	23.1	1.32	<1.07*	<0.18	<0.20	21.3
Dibenz(a,h)anthracene	1.00	1.00	1	<3.63*	<0.26	0.85	<6.11*	<0.40	7.32	<0.20	3.43	0.26	<1.07*	<0.18	<0.20	<3.77*
Fluoranthene	2,500	1,000	56	30.6	0.54	16.7	<6.11	0.45	226	<0.20	35.5	1.82	<1.07	<0.18	<0.20	32.1
Fluorene	2,500	1,000	56	<3.63	<0.26	0.46	<6.11	<0.40	37.3	<0.20	1.85	<0.21	<1.07	<0.18	<0.20	<3.77
Indeno(1,2,3-cd)pyrene	7.80	1.00	1	13.4	<0.26	2.96	<6.11*	<0.40	24.3	<0.20	10.3	0.86	<1.07*	<0.18	<0.20	6.57
2-Methylnaphthalene	2,500	474	9.8	<3.63	<0.26	0.21	<6.11	<0.40	23.7	<0.20	<1.81	1.12	3.36	<0.18	<0.20	<3.77
Naphthalene	2,500	1,000	56	3.79	<0.26	0.58	<6.11	<0.40	38.7	<0.20	<1.81	0.56	2.03	<0.18	<0.20	<3.77
Phenanthrene	2,500	1,000	40	24.8	<0.26	8.91	<6.11	<0.40	286	<0.20	25.0	0.71	<1.07	<0.18	<0.20	26.0
Pyrene	2,500	1,000	40	69.2	0.46	15.7	<6.11	0.58	197	<0.20	41.3	1.86	<1.07	<0.18	<0.20	37.7
PAHs - (self-implementing)																
splp - peh (ug/l)			GWPC X 10													
Acenaphthene	~	~	4200	<0.30	NT	<0.30	NT	NT	50.2	NT	1.00	NT	NT	NT	NT	NT
Acenaphthylene	~	~	4200	<0.30	NT	<0.30	NT	NT	1.82	NT	0.51	NT	NT	NT	NT	NT
Anthracene	~	~	20000	<0.20	NT	<0.20	NT	NT	13.6	NT	10.5	NT	NT	NT	NT	NT
Benzo(a)anthracene	~	~	0.6	<0.050	NT	0.260	NT	NT	<0.050	NT	0.460	NT	NT	NT	NT	NT
Benzo(a)pyrene	~	~	2.0	<0.100	NT	0.270	NT	NT	<0.100	NT	<0.100	NT	NT	NT	NT	NT
?o(b)fluoranthene	~	~	0.8	<0.050	NT	0.260	NT	NT	<0.050	NT	<0.050	NT	NT	NT	NT	NT
o(g,h,i)perylene	~	~	2100	<0.500	NT	<0.500	NT	NT	<0.500	NT	<0.500	NT	NT	NT	NT	NT
.o(k)fluoranthene	~	~	5.0	<0.200	NT	0.320	NT	NT	<0.200	NT	<0.200	NT	NT	NT	NT	NT
hrysene	~	~	48	<0.20	NT	0.32	NT	NT	<0.20	NT	0.53	NT	NT	NT	NT	NT
Dibenz(a,h)anthracene	~	~	5.0	<0.500	NT	<0.500	NT	NT	<0.500	NT	<0.500	NT	NT	NT	NT	NT
Fluoranthene	~	~	2800	<0.50	NT	<0.50	NT	NT	13.2	NT	6.24	NT	NT	NT	NT	NT
Fluorene	~	~	2800	<1.00	NT	<1.00	NT	NT	53.9	NT	1.18	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	~	~	5.0	<0.500	NT	<0.500	NT	NT	<0.500	NT	<0.500	NT	NT	NT	NT	NT
2-Methylnaphthalene	~	~	49	<1.00	NT	<1.00	NT	NT	8.44	NT	<1.00	NT	NT	NT	NT	NT
Naphthalene	~	~	2800	<1.00	NT	<1.00	NT	NT	<1.00	NT	<1.00	NT	NT	NT	NT	NT
Phenanthrene	~	~	2000	<0.10	NT	<0.10	NT	NT	72.7	NT	10.5	NT	NT	NT	NT	NT
Pyrene	~	~	2000	<1.00	NT	<1.00	NT	NT	7.36	NT	3.45	NT	NT	NT	NT	NT
Method 600/R-93/116																
Asbestos	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
cyanide-tot sldg (mg/kg dry wt)																
Cyanide - None detected	41000	1400	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.63	<0.67	NT
etph dry weight (mg/kg dry weight)																
Extractable TPH (ETPH)	2,500	500	2500	440	18 J	180	4,000	330	1,900	<12	930	290	5,300	43	44	1,600
solids (percent) (%)																
Solids, total	~	~	~	91.9	64.9	84.4	68.3	83.6	87.8	83.5	92.5	80.0	78.0	90.8	83.1	88.5

Notes:
1. An asterisk (*) following a detection limit indicates that the minumum laboratory reporting limit exceeds one or more of the regulatory criteria.
2. NT = Not tested.
3. ND = Not detected above the laboratory reporting limit
4. ~ = No Standard available
5. RSR criteria are in same units as analyte.
6. ** indicates a concentrations which would be considered hazardous based on toxicity
7. Bold cell boarders indicate a GB PMC and/or GB PMC X 20 exceedance
8. Shaded cells indicate a R DEC and/or I/C DEC exceedance
9. J = the associated value is an estimated quantity. The reported result is qualitatively accurate but quantitatively
10. UJ = the compound was analyzed for, but was not detected, and the associated value is an estimated value due to the variance from quality

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC			AOC-5				AOC-RB1	AOC-RB2	AOC-10		AOC 11			
	I/C DEC	R DEC	GB PMC	AOC-5-SB1 2-4	AOC-5-SB1 10-12	AOC-5-SB2 2-4	AOC-05-SB2 9-11	AOC-RB1 2-4	AOC-RB2 2-4	AOC10-SS-1	AOC10-SS-2MS/MSD	AOC-11SS -1DUP	AOC-11SS1 MS/MSD	AOC-11SS2	AOC-11SB2 2-4
Sampling Date				3/29/06	3/31/06	3/29/06	3/31/06	3/31/06	3/31/06	3/31/06	3/31/06	3/30/06	3/30/06	3/30/06	3/30/06
Sample Depth (feet)				2-4	10-12	2-4	9-11	2-4	2-4	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	2-4
Laboratory Report Number				LIMS-96358	LIMS-96388	LIMS-96358, LIMS-96679, LIMS-	LIMS-96392	LIMS-96388	LIMS-96388	LIMS-96392	LIMS-96392, LIMS-96737	LIMS-96357, LIMS-96668	LIMS-96357	LIMS-96357, LIMS-96668	LIMS-96357, LIMS-96668
VOCs - MASS															
8260 dry weight (mg/kg dry wt)															
Acrylonitrile	11	1.1	0.10	<0.015*	<0.016*	<0.011*	<3.2*	<0.024*	<0.013*	NT	NT	<0.018*	<0.020*	<0.020*	<0.018*
tert-Amylmethyl Ether	~	~	~	<0.001	<0.001	<0.001	<0.16	<0.002	<0.001	NT	NT	<0.001	<0.001	<0.001	<0.001
Benzene	200	21	0.20	<0.002	0.002	<0.002	<0.32*	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
Bromodichloromethane	92	9.9	0.11	<0.002	<0.002	<0.002	<0.32*	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
Bromomethane	1,000	95	2.0	<0.008	<0.008	<0.006	<1.6	<0.012	<0.006	NT	NT	<0.009	<0.010	<0.010	<0.009
n-Butylbenzene	1,000	500	14	<0.002	<0.002	<0.002	1.2	<0.003	<0.001	NT	NT	<0.002	<0.002 UJ	<0.002	<0.002
sec-Butylbenzene	1,000	500	14	<0.002	<0.002	<0.002	1.3	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
tert-Butylbenzene	1,000	500	14	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
Carbon Tetrachloride	44	4.7	1.0	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
Chlorodibromomethane	68	7.3	0.10	<0.001	<0.001	<0.001	<0.16*	<0.002	<0.001	NT	NT	<0.001	<0.001	<0.001	<0.001
Chloroform	940	100	1.2	<0.003	<0.004	<0.003	<0.64	<0.005	<0.003	NT	NT	<0.004	<0.004	<0.004	<0.004
Chloromethane	440	47	0.54	<0.008	<0.008	<0.006	<1.6*	<0.012	<0.006	NT	NT	<0.009	<0.010 UJ	<0.010	<0.009
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
1,2-Dibromoethane	0.067	0.007	~	<0.001	<0.001	<0.001	<0.16*	<0.002	<0.001	NT	NT	<0.001	<0.001 UJ	<0.001	<0.001
cis-1,2-Dichloroethylene	1,000	500	14	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
1,2-Dichloropropane	84	9.0	1.0	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
1,3-Dichloropropane	~	~	0.1	<0.001	<0.001	<0.001	<0.16	<0.002	<0.001	NT	NT	<0.001	<0.001	<0.001	<0.001
Ethyl Benzene	1,000	500	10	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
Isopropylbenzene	1,000	500	130	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
p-Isopropyltoluene	1,000	500	14	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
Methylene Chloride	760	82	1.0	<0.015	<0.016	<0.011	<3.2*	<0.024	<0.013	NT	NT	<0.018	<0.020 UJ	<0.020	<0.018
Naphthalene	2,500	1,000	56	<0.008	<0.008	<0.006	<1.6	<0.012	<0.006	NT	NT	<0.009	<0.010 UJ	<0.010	<0.009
n-Propylbenzene	1,000	500	14	<0.002	<0.002	<0.002	0.37	<0.003	<0.001	NT	NT	<0.002	<0.002 UJ	<0.002	<0.002
1,1,1,2-Tetrachloroethane	220	24	0.20	<0.002	<0.002	<0.002	<0.32*	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
1,1,2,2-Tetrachloroethane	29	3.1	0.10	<0.001	<0.001	<0.001	<0.16*	<0.002	<0.001	NT	NT	<0.001	<0.001	<0.001	<0.001
Tetrachloroethylene	110	12	1.0	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
Toluene	1,000	500	67	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
Trichloroethylene	520	56	1.0	<0.002	0.003	0.002	<0.32	<0.003	0.003	NT	NT	<0.002	<0.002	<0.002	<0.002
1,2,4-Trimethylbenzene	1,000	500	70	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
1,3,5-Trimethylbenzene	1,000	500	70	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
Vinyl Chloride	3.0	0.32	0.40	<0.008	<0.008	<0.006	<1.6*	<0.012	<0.006	NT	NT	<0.009	<0.010 UJ	<0.010	<0.009
m + p Xylene	1,000	500	20	<0.003	<0.004	<0.003	<0.64	<0.005	<0.003	NT	NT	<0.004	<0.004	<0.004	<0.004
o-Xylene	1,000	500	20	<0.002	<0.002	<0.002	<0.32	<0.003	<0.001	NT	NT	<0.002	<0.002	<0.002	<0.002
VOCs - (self-implementing)															
splp 8260 (ug/l)			GWPC X 10												
Acetone	~	~	7000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
n-Butylbenzene	~	~	610	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	~	~	610	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Disulfide	~	~	7000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
cis-1,2-Dichloroethylene	~	~	700	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
p-Isopropyltoluene	~	~	700	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Trichloroethylene	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	~	~	3500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	~	~	3500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Vinyl Chloride	~	~	20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
o-Xylene	~	~	5300	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
METALS - TOTAL (mg/kg)			PMC X 20 (screening)												
ag (mg/kg)dw icp (mg/kg dry wt)															
Silver	10,000	340	7.20	NT	NT	**12.7** J	2.11	NT	NT	NT	**19.8**	6.03 J	**15.4** J	0.84	2.00
as (mg/kg)dw icp (mg/kg dry wt)															
Arsenic	10.0	10.0	10.00	NT	NT	<5.52	<6.31	NT	NT	NT	<6.31	<5.70	<5.81	<5.38	<5.83
ba (mg/kg)dw icp (mg/kg dry wt)															
Barium	140,000	4,700	200.00	NT	NT	65.0	110	NT	NT	NT	120	83.8	91.2	109	**361**
be (mg/kg)dw icp (mg/kg dry wt)															
Beryllium	2.00	2.00	0.80	NT	NT	0.37	0.41	NT	NT	NT	0.49	0.59	0.55	**1.26**	0.57
cd (mg/kg)dw icp (mg/kg dry wt)															
Cadmium	1,000	34.0	1.00	NT	NT	<0.56	<0.64	NT	NT	NT	0.92	<0.57	<0.59	<0.54	<0.59
cr (mg/kg)dw icp (mg/kg dry wt)															
Chromium	~	~	10.00	NT	NT	7.80	**16.4**	NT	NT	NT	**96.1**	**12.2**	**15.6**	**13.0**	**11.4**
cu (mg/kg)dw icp (mg/kg dry wt)															
Copper	76,000	2,500	260.00	NT	NT	**1,190** J	68.5	NT	NT	NT	**481**	146	194	42.0	27.1
hg (mg/kg) dw (mg/kg dry wt)															
Mercury	610	20.0	0.40	NT	NT	0.188	0.111	NT	NT	NT	0.209	0.073	0.100	0.147	0.167
ni (mg/kg)dw icp (mg/kg dry wt)															
Nickel	7,500	1,400	20.00	NT	NT	**348**	18.0	NT	NT	NT	**51.3**	**34.3**	**40.1**	16.1	9.61
pb (mg/kg)dw icp (mg/kg dry wt)															
Lead	1,000	400	3.00	NT	NT	**107**	**17.0**	NT	NT	**6.75**	**208**	**62.0** J	**105** J	**35.9**	**481**
sb (mg/kg)dw icp (mg/kg dry wt)															
Antimony	8,200	27.0	1.20	NT	NT	<4.41* UJ	<5.05*	NT	NT	NT	<5.05*	<4.56*	<4.65*		5.30
v (mg/kg)dw icp (mg/kg dry wt)															
Vanadium	14,000	470	10.00	NT	NT	**28.7**	**30.6**	NT	NT	NT	**37.4**	**39.7**	**34.3**	**31.9**	**23.7**
zn (mg/kg)dw icp (mg/kg dry wt)															
Zinc	610,000	20,000	1000.00	NT	NT	435	58.4	NT	NT	NT	222	95.6	121	76.0	80.8
METALS - (SPLP)															
splp - beryllium (mg/l)															
Beryllium	~	~	0.04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.0010	NT
splp - cd low (mg/l leachate)															
Cadmium	~	~	0.05	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - chromium (mg/l leachate)															
Chromium	~	~	0.50	NT	NT	NT	NT	NT	NT	NT	<0.03	<0.03	NT	NT	<0.02
splp - copper (mg/l leachate)															
Copper	~	~	13.00	NT	NT	2.91	NT	NT	NT	NT	0.09	NT	NT	NT	NT
splp - lead icp (mg/l leachate)															
Lead	~	~	0.15	NT	NT	0.08	NT	NT	NT	NT	0.02	0.14	NT	NT	0.03
splp - nickel (mg/l leachate)															

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC			AOC-5				AOC-RB1		AOC-RB2		AOC-10		AOC 11			
	I/C DEC	R DEC	GB PMC	AOC-5-SB1 2-4	AOC-5-SB1 10-12	AOC-5-SB2 2-4	AOC-05-SB2 9-11	AOC-RB1 2-4		AOC-RB2 2-4		AOC10-SS-1	AOC10-SS-2MS/MSD	AOC-11SS -1DUP	AOC-11SS1 MS/MSD	AOC-11SS2	AOC-11SB2 2-4
Sampling Date				3/29/06	3/31/06	3/29/06	3/31/06	3/31/06		3/31/06		3/31/06	3/31/06	3/30/06	3/30/06	3/30/06	3/30/06
Sample Depth (feet)				2-4	10-12	2-4	9-11	2-4		2-4		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	2-4
Laboratory Report Number				LIMS-96358	LIMS-96388	LIMS-96358, LIMS-96679, LIMS-	LIMS-96392	LIMS-96388		LIMS-96388		LIMS-96392	LIMS-96392, LIMS-96737	LIMS-96357, LIMS-96668	LIMS-96357	LIMS-96357, LIMS-96668	LIMS-96357, LIMS-96668
Nickel	~	~	1.00	NT	NT	0.38	NT	NT		NT		NT	<0.03	<0.03	NT	NT	NT
splp - sb furn (mg/l)																	
Antimony	~	~	0.06	NT	NT	0.0114	NT	NT		NT		NT	NT	0.0077	NT	NT	0.0145
splp - silver (mg/l leachate)																	
Silver	~	~	0.36	NT	NT	**<0.05***	NT	NT		NT		NT	<0.03	<0.03	NT	NT	NT
splp - tl furn (mg/l)																	
Thallium	~	~	0.05	NT	NT	<0.0005	NT	NT		NT		NT	NT	<0.0005	NT	NT	<0.0010
splp - vanadium (mg/l leachate)																	
Vanadium	~	~	0.50	NT	NT	<0.05	NT	NT		NT		NT	NT	<0.03	NT	NT	<0.02
splp barium icp (mg/l leachate)																	
Barium	~	~	10.00	NT	NT	NT	NT	NT		NT		NT	NT	NT	NT	NT	0.63
splp mercury (mg/l leachate)																	
Mercury	~	~	0.02	NT	NT	NT	NT	NT		NT		NT	NT	NT	NT	NT	NT
PAHs - MASS																	
pah - sludge (mg/kg dry wt)																	
Acenaphthene	2,500	1,000	84	<0.38	<0.19	<0.37	<0.22	<0.26	UJ	<0.21		NT	<0.22	NT	NT	NT	NT
Acenaphthylene	2,500	1,000	84	0.80	<0.19	4.93	<0.22	<0.26	UJ	<0.21		NT	0.22	NT	NT	NT	NT
Anthracene	2,500	1,000	400	1.72	<0.19	3.30	<0.22	<0.26	UJ	0.33		NT	<0.22	NT	NT	NT	NT
Benzo(a)anthracene	7.80	1.00	1	**3.96**	<0.19	**19.4**	0.28	<0.26	UJ	0.31		NT	0.67	NT	NT	NT	NT
Benzo(a)pyrene	1.00	1.00	1	**3.95**	<0.19	**16.6**	<0.22	<0.26	UJ	0.32		NT	0.76	NT	NT	NT	NT
Benzo(b)fluoranthene	7.80	1.00	1	**6.16**	<0.19	**27.1**	0.28	<0.26	UJ	0.43		NT	**1.08**	NT	NT	NT	NT
Benzo(g,h,i)perylene	2,500	1,000	42	2.11	<0.19	5.46	<0.22	<0.26	UJ	0.24		NT	0.52	NT	NT	NT	NT
Benzo(k)fluoranthene	78.0	6.40	1	**2.2**	<0.19	**7.48**	<0.22	<0.26	UJ	<0.21		NT	0.46	NT	NT	NT	NT
Chrysene	780	84.0	1	**4.12**	<0.19	**21.9**	0.25	<0.26	UJ	0.35		NT	0.90	NT	NT	NT	NT
Dibenz(a,h)anthracene	1.00	1.00	1	0.76	<0.19	**2.38**	<0.22	<0.26	UJ	<0.21		NT	<0.22	NT	NT	NT	NT
Fluoranthene	2,500	1,000	56	8.75	<0.19	33.1	0.37	0.30	J	0.67		NT	1.36	NT	NT	NT	NT
Fluorene	2,500	1,000	56	1.00	<0.19	2.03	<0.22	<0.26	UJ	<0.21		NT	<0.22	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	7.80	1.00	1	**2.52**	<0.19	**7.4**	<0.22	<0.26	UJ	0.23		NT	0.54	NT	NT	NT	NT
2-Methylnaphthalene	2,500	474	9.8	<0.38	<0.19	0.53	0.54	<0.26	UJ	<0.21		NT	<0.22	NT	NT	NT	NT
Naphthalene	2,500	1,000	56	<0.38	<0.19	0.63	<0.22	<0.26	UJ	<0.21		NT	<0.22	NT	NT	NT	NT
Phenanthrene	2,500	1,000	40	7.61	<0.19	16.0	<0.22	<0.26	UJ	0.33		NT	0.75	NT	NT	NT	NT
Pyrene	2,500	1,000	40	8.74	<0.19	38.7	0.40	0.30	J	0.65		NT	1.41	NT	NT	NT	NT
PAHs - (self-implementing)																	
splp - pah (ug/l)			**GWPC X 10**														
Acenaphthene	~	~	4200	NT	NT	1.36	NT	NT		NT		NT	NT	NT	NT	NT	NT
Acenaphthylene	~	~	4200	NT	NT	8.07	NT	NT		NT		NT	NT	NT	NT	NT	NT
Anthracene	~	~	20000	NT	NT	1.01	NT	NT		NT		NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	~	~	0.6	NT	NT	<0.050	NT	NT		NT		NT	NT	NT	NT	NT	NT
Benzo(a)pyrene	~	~	2.0	NT	NT	<0.100	NT	NT		NT		NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	~	~	0.8	NT	NT	<0.050	NT	NT		NT		NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	~	~	2100	NT	NT	<0.500	NT	NT		NT		NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene	~	~	5.0	NT	NT	<0.200	NT	NT		NT		NT	NT	NT	NT	NT	NT
Chrysene	~	~	48	NT	NT	<0.20	NT	NT		NT		NT	NT	NT	NT	NT	NT
Dibenz(a,h)anthracene	~	~	5.0	NT	NT	<0.500	NT	NT		NT		NT	NT	NT	NT	NT	NT
Fluoranthene	~	~	2800	NT	NT	2.17	NT	NT		NT		NT	NT	NT	NT	NT	NT
Fluorene	~	~	2800	NT	NT	11.0	NT	NT		NT		NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	~	~	5.0	NT	NT	<0.500	NT	NT		NT		NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	~	~	49	NT	NT	1.59	NT	NT		NT		NT	NT	NT	NT	NT	NT
Naphthalene	~	~	2800	NT	NT	<1.00	NT	NT		NT		NT	NT	NT	NT	NT	NT
Phenanthrene	~	~	2000	NT	NT	3.47	NT	NT		NT		NT	NT	NT	NT	NT	NT
Pyrene	~	~	2000	NT	NT	1.30	NT	NT		NT		NT	NT	NT	NT	NT	NT
Method 600/R-93/116																	
Asbestos	~	~	~	NT	NT	NT	NT	NT		NT		ND	Anosite - trace	NT	NT	NT	NT
cyanide-tot sldg (mg/kg dry wt)																	
Cyanide - None detected	41000	1400	~	NT	NT	NT	NT	NT		NT		NT	NT	NT	NT	NT	NT
etph dry weight (mg/kg dry weight)																	
Extractable TPH (ETPH)	2,500	500	2500	190	36	590	2,300	170		140		NT	270	970	1,100	590	100
solids (percent) (%)																	
Solids, total	~	~	~	89.4	89.0	90.7	79.3	64.9		79.5		88.9	79.3	87.8	86.1	93.0	85.9

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC I/C DEC	RSR DEC R DEC	RSR DEC GB PMC	AOC-11SB2 8-10	AOC-11-MW1 4-6	AOC-11-MW1 8-10	AOC-13 SS1	AOC-13 SB1 2-4	AOC-13-SB1 4-6	AOC-15(A)-SS1	AOC-15(B)-SS2 DUP	AOC-15(B)-SS2 MS/MSD	AOC-15(B)-SS-3	AOC-15(B)-SS4	AOC-15(B)-SS-5
Sampling Date				3/30/06	3/30/06	3/30/06	3/29/06	3/29/06	3/29/06	3/29/06	3/31/06	3/31/06	3/30/06	3/30/06	3/30/06
Sample Depth (feet)				8-10	4-6	8-10	0-0.5	2-4	4-6	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Laboratory Report Number				LIMS-96357, LIMS-96668	LIMS-96356, LIMS-96679	LIMS-96356	LIMS-96358	LIMS-96358	LIMS-96359, LIMS-96668	LIMS-96359, LIMS-96668	LIMS-96388	LIMS-96388	LIMS-96356, LIMS-96679, LIMS-	LIMS-96356, LIMS-96679	LIMS-96356, LIMS-96679
VOCs - MASS															
8260 dry weight (mg/kg dry wt)															
Acrylonitrile	11	1.1	0.10	<0.023*	<0.022*	<0.024*	<0.018*	<0.025*	<0.019*	<0.020*	<0.019*	<0.018*	<0.019*	<0.022*	<0.019*
tert-Amylmethyl Ether	~	~	~	<0.002	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001
Benzene	200	21	0.20	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
Bromodichloromethane	92	9.9	0.11	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
Bromomethane	1,000	95	2.0	<0.012	<0.011	<0.012	<0.009	<0.013	<0.010	<0.010	<0.010	<0.009	<0.009	<0.011	<0.010
n-Butylbenzene	1,000	500	14	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
sec-Butylbenzene	1,000	500	14	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
tert-Butylbenzene	1,000	500	14	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
Carbon Tetrachloride	44	4.7	1.0	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
Chlorodibromomethane	68	7.3	0.10	<0.002	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001
Chloroform	940	100	1.2	<0.005	<0.004	<0.005	<0.004	<0.005	<0.004	<0.004	<0.004	<0.004	<0.004	<0.005	<0.004
Chloromethane	440	47	0.54	<0.012	<0.011	<0.012	<0.009	<0.013	<0.010	<0.010	<0.010	<0.009 UJ	<0.009	<0.011	<0.010
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
1,2-Dibromoethane	0.067	0.007	~	<0.002	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001
cis-1,2-Dichloroethylene	1,000	500	14	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
1,2-Dichloropropane	84	9.0	1.0	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
1,3-Dichloropropane	~	~	0.1	<0.002	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001
Ethyl Benzene	1,000	500	10	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
Isopropylbenzene	1,000	500	130	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
p-Isopropyltoluene	1,000	500	14	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
Methylene Chloride	760	82	1.0	<0.023	<0.022 UJ	<0.024 UJ	<0.018	0.077	<0.019	<0.020	<0.019	<0.018	<0.019 J	0.049 J	0.026 J
Naphthalene	2,500	1,000	56	<0.012	<0.011	<0.012	<0.009	<0.013	<0.010	<0.010	<0.010	<0.009 UJ	<0.009	<0.011	<0.010
n-Propylbenzene	1,000	500	14	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
1,1,1,2-Tetrachloroethane	220	24	0.20	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
1,1,2,2-Tetrachloroethane	29	3.1	0.10	<0.002	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001
Tetrachloroethylene	110	12	1.0	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
Toluene	1,000	500	67	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
Trichloroethylene	520	56	1.0	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
1,2,4-Trimethylbenzene	1,000	500	70	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
1,3,5-Trimethylbenzene	1,000	500	70	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
Vinyl Chloride	3.0	0.32	0.40	<0.012	<0.011	<0.012	<0.009	<0.013	<0.010	<0.010	<0.010	<0.009	<0.009	<0.011	<0.010
m + p Xylene	1,000	500	20	<0.005	<0.004	<0.005	<0.004	<0.005	<0.004	<0.004	<0.004	<0.004	<0.004	<0.005	<0.004
o-Xylene	1,000	500	20	<0.003	<0.002	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002
VOCs - (self-implementing)															
splp 8260 (ug/l)			**GWPC X 10**												
Acetone	~	~	7000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
n-Butylbenzene	~	~	610	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	~	~	610	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Disulfide	~	~	7000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
cis-1,2-Dichloroethylene	~	~	700	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
p-Isopropyltoluene	~	~	700	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Trichloroethylene	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	~	~	3500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	~	~	3500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Vinyl Chloride	~	~	20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
o-Xylene	~	~	5300	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
METALS - TOTAL (mg/kg)			**PMC X 20 (screening)**												
ag (mg/kg)dw icp (mg/kg dry wt)															
Silver	10,000	340	7.20	<0.65	<0.66	<0.65	<0.56	<0.67	<0.56	4.41	5.22	**7.46**	**27.9**	3.57	2.43
as (mg/kg)dw icp (mg/kg dry wt)															
Arsenic	10.0	10.0	10.00	<6.41	<6.59	<6.45	<5.58	<6.63	<5.56	8.04	<5.48	6.16	9.28	<6.36	<5.84
ba (mg/kg)dw icp (mg/kg dry wt)															
Barium	140,000	4,700	200.00	133	**318**	116	132	**268**	102	43.3	80.0	101	**243**	81.3	96.7
be (mg/kg)dw icp (mg/kg dry wt)															
Beryllium	2.00	2.00	0.80	0.44	**0.92**	0.40	0.56	**0.84**	0.29	**0.91**	0.30	0.45	0.44	0.71	0.76
cd (mg/kg)dw icp (mg/kg dry wt)															
Cadmium	1,000	34.0	1.00	<0.65	<0.66	<0.65	<0.56	<0.67	<0.56	<0.56	<0.55	<0.55	<0.58	<0.64	<0.59
cr (mg/kg)dw icp (mg/kg dry wt)															
Chromium	~	~	10.00	**21.8**	**33.8**	**15.5**	**22.8**	**27.4**	**13.1**	8.35	**11.0**	**12.1**	**25.4**	**16.9**	**20.1**
cu (mg/kg)dw icp (mg/kg dry wt)															
Copper	76,000	2,500	260.00	11.7	90.5	18.2	90.5	29.2	9.03	**701**	**375**	**405**	**4,110**	161	122
hg (mg/kg) dw (mg/kg dry wt)															
Mercury	610	20.0	0.40	0.089	0.089	0.006	0.384	0.050	0.011	0.093	0.402	0.332 J	0.334	0.070	0.212
ni (mg/kg)dw icp (mg/kg dry wt)															
Nickel	7,500	1,400	20.00	10.1	**72.7**	**74.5**	12.9	15.6	8.00	**140**	**68.0**	**63.7**	**642**	**64.4**	**42.9**
pb (mg/kg)dw icp (mg/kg dry wt)															
Lead	1,000	400	3.00	**11.9**	**36.5**	**5.36**	**75.6**	**138**	**5.64**	**246**	**269**	**391**	**325**	**48.1**	**69.4**
sb (mg/kg)dw icp (mg/kg dry wt)															
Antimony	8,200	27.0	1.20	<5.13*	<5.27*	<5.16*	<4.47*	<5.30*	<4.45*	**11.6**	<4.39*	<4.36*	**7.95**	<5.09*	<4.67*
v (mg/kg)dw icp (mg/kg dry wt)															
Vanadium	14,000	470	10.00	**36.5**	**81.7**	**43.5**	**50.1**	**57.2**	**23.7**	**19.6**	**34.0**	**34.4**	**49.1**	**33.4**	**38.1**
zn (mg/kg)dw icp (mg/kg dry wt)															
Zinc	610,000	20,000	1000.00	38.4	141	130	95.4	109	24.6	205	162	214	842	106	134
METALS - (SPLP)															
splp - beryllium (mg/l)															
Beryllium	~	~	0.04	NT	<0.0010	NT	NT	0.0021	NT	<0.0010	NT	NT	NT	NT	NT
splp - cd low (mg/l leachate)															
Cadmium	~	~	0.05	NT	<0.03	NT	NT	<0.03	NT	NT	NT	NT	<0.03	<0.02	<0.03
splp - chromium (mg/l leachate)															
Chromium	~	~	0.50	<0.03	NT	NT	NT	NT	<0.03	NT	NT	NT	NT	NT	NT
splp - copper (mg/l leachate)															
Copper	~	~	13.00	NT	NT	NT	NT	NT	NT	0.03	NT	NT	1.95	NT	NT
splp - lead icp (mg/l leachate)															
Lead	~	~	0.15	0.06	<0.01	NT	NT	<0.01	<0.01	0.03	NT	NT	0.15	0.02	0.01
splp - nickel (mg/l leachate)															

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC						AOC-13								AO
	I/C DEC	R DEC	GB PMC	AOC-11SB2 8-10	AOC-11-MW1 4-6	AOC-11-MW1 8-10	AOC-13 SS1	AOC-13 SB1 2-4	AOC-13-SB1 4-6	AOC-15(A)-SS1	AOC-15(B)-SS2 DUP	AOC-15(B)-SS2 MS/MSD	AOC-15(B)-SS-3	AOC-15(B)-SS4	AOC-15(B)-SS-5
Sampling Date				3/30/06	3/30/06	3/30/06	3/29/06	3/29/06	3/29/06	3/29/06	3/31/06	3/31/06	3/30/06	3/30/06	3/30/06
Sample Depth (feet)				8-10	4-6	8-10	0-0.5	2-4	4-6	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Laboratory Report Number				LIMS-96357, LIMS-96668	LIMS-96356, LIMS-96679	LIMS-96356	LIMS-96358	LIMS-96358	LIMS-96359, LIMS-96668	LIMS-96359, LIMS-96668	LIMS-96388	LIMS-96388	LIMS-96356, LIMS-96679, LIMS-	LIMS-96356, LIMS-96679	LIMS-96356, LIMS-96679
Nickel	~	~	1.00	NT	0.09	NT	NT	NT	NT	<0.03	NT	NT	0.15	0.04	<0.03
splp - sb furn (mg/l)															
Antimony	~	~	0.06	0.0117	0.0204	NT	NT	NT	0.0128	0.0418	NT	NT	0.0109	0.0089	0.0079
splp - silver (mg/l leachate)															
Silver	~	~	0.36	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.03	NT	NT
splp - tl furn (mg/l)															
Thallium	~	~	0.05	<0.0005	<0.0005	NT	NT	NT	<0.0005	NT	NT	NT	<0.0005	<0.0005	<0.0005
splp - vanadium (mg/l leachate)															
Vanadium	~	~	0.50	0.04	<0.03	NT	NT	NT	<0.03	NT	NT	NT	<0.03	<0.02	<0.03
splp barium icp (mg/l leachate)															
Barium	~	~	10.00	NT	1.24	NT	NT	1.28	NT	NT	NT	NT	1.37	NT	NT
splp mercury (mg/l leachate)															
Mercury	~	~	0.02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
PAHs - MASS															
pah - sludge (mg/kg dry wt)															
Acenaphthene	2,500	1,000	84	NT	NT	NT	NT	NT	NT	<0.19	<0.19	<0.91	1.80	<0.22	<0.20
Acenaphthylene	2,500	1,000	84	NT	NT	NT	NT	NT	NT	<0.19	<0.19	<0.91	<0.97	<0.22	<0.20
Anthracene	2,500	1,000	400	NT	NT	NT	NT	NT	NT	<0.19	<0.19	<0.91	3.83	<0.22	0.27
Benzo(a)anthracene	7.80	1.00	1	NT	NT	NT	NT	NT	NT	<0.19	0.71	0.92 J	8.47	<0.22	0.78
Benzo(a)pyrene	1.00	1.00	1	NT	NT	NT	NT	NT	NT	<0.19	0.76	<0.91	7.42	<0.22	0.59
Benzo(b)fluoranthene	7.80	1.00	1	NT	NT	NT	NT	NT	NT	<0.19	1.05	1.3 J	9.98	<0.22	0.71
Benzo(g,h,i)perylene	2,500	1,000	42	NT	NT	NT	NT	NT	NT	<0.19	0.44	<0.91	4.48	<0.22	0.27
Benzo(k)fluoranthene	78.0	8.40	1	NT	NT	NT	NT	NT	NT	<0.19	0.38	<0.91	3.45	<0.22	0.32
Chrysene	780	84.0	1	NT	NT	NT	NT	NT	NT	<0.19	0.78	0.98	8.23	<0.22	0.71
Dibenz(a,h)anthracene	1.00	1.00	1	NT	NT	NT	NT	NT	NT	<0.19	<0.19	<0.91	1.18	<0.22	<0.20
Fluoranthene	2,500	1,000	56	NT	NT	NT	NT	NT	NT	0.21	1.21	1.65 J	21.9	<0.22	1.44
Fluorene	2,500	1,000	56	NT	NT	NT	NT	NT	NT	<0.19	<0.19	<0.91	1.22	<0.22	<0.20
Indeno(1,2,3-cd)pyrene	7.80	1.00	1	NT	NT	NT	NT	NT	NT	<0.19	0.49	<0.91	4.99	<0.22	0.31
2-Methylnaphthalene	2,500	474	9.8	NT	NT	NT	NT	NT	NT	<0.19	<0.19	<0.91	<0.97	<0.22	<0.20
Naphthalene	2,500	1,000	56	NT	NT	NT	NT	NT	NT	<0.19	<0.19	<0.91	<0.97	<0.22	<0.20
Phenanthrene	2,500	1,000	40	NT	NT	NT	NT	NT	NT	<0.19	0.70	1.15	19.7	<0.22	0.87
Pyrene	2,500	1,000	40	NT	NT	NT	NT	NT	NT	<0.19	1.19	1.69 J	16.4	<0.22	1.19
PAHs - (self-implementing)															
splp - pah (ug/l)			GWPC X 10												
Acenaphthene	~	~	4200	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.32	NT	NT
Acenaphthylene	~	~	4200	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.30	NT	NT
Anthracene	~	~	20000	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.20	NT	NT
Benzo(a)anthracene	~	~	0.6	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.050	NT	NT
Benzo(a)pyrene	~	~	2.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.100	NT	NT
Benzo(b)fluoranthene	~	~	0.8	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.050	NT	NT
Benzo(g,h,i)perylene	~	~	2100	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.500	NT	NT
Benzo(k)fluoranthene	~	~	5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.200	NT	NT
Chrysene	~	~	48	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.23	NT	NT
Dibenz(a,h)anthracene	~	~	5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.500	NT	NT
Fluoranthene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.50	NT	NT
Fluorene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT	<1.00	NT	NT
Indeno(1,2,3-cd)pyrene	~	~	5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.500	NT	NT
2-Methylnaphthalene	~	~	49	NT	NT	NT	NT	NT	NT	NT	NT	NT	<1.00	NT	NT
Naphthalene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT	<1.00	NT	NT
Phenanthrene	~	~	2000	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.16	NT	NT
Pyrene	~	~	2000	NT	NT	NT	NT	NT	NT	NT	NT	NT	<1.00	NT	NT
Method 600/R-93/116															
Asbestos	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
cyanide-tot sldg (mg/kg dry wt)															
Cyanide - None detected	41000	1400	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
etph dry weight (mg/kg dry weight)															
Extractable TPH (ETPH)	2,500	500	2500	<13	29	<13	130	16 J	<12	360	110	140	160	20	43
solids (percent) (%)															
Solids, total	~	~	~	78.0	75.9	77.6	89.7	75.5	90.0	90.4	91.3	91.8	86.7	78.7	85.7

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC I/C DEC	RSR DEC R DEC	GB PMC	C-15 AOC-15(A)-SB1 2-4	AOC15(B)-SB2- 2-4	AOC-15(B)-MW3 4-6	AOC-15(B)-MW3 2-4	AOC-15(B)-SB4 2-4	AOC-15(B)-SB5 2-4	AOC-17 AOC-17-SS1	AOC-17-SS2	AOC-17-SB1 5-7	AOC-17-SB1 12-14	AOC-17-SB2 2-4	AOC-17-SB2 14-16
Sampling Date				3/29/06	3/31/06	3/30/06	3/30/06	3/30/06	3/30/06	3/29/06	3/29/06	3/29/06	3/29/06	3/29/06	3/29/06
Sample Depth (feet)				2-4	2-4	4-6	2-4	2-4	2-4	0-0.5	0-0.5	5-7	12-14	2-4	14-16
Laboratory Report Number				LIMS-96359, LIMS-96668	LIMS-96388	LIMS-96356, LIMS-96679	LIMS-96356, LIMS-96679	LIMS-96356	LIMS-96356	LIMS-96359	LIMS-96359, LIMS-96668	LIMS-96359	LIMS-96359	LIMS-96359, LIMS-96668	LIMS-96360
VOCs - MASS															
8260 dry weight (mg/kg dry wt)															
Acrylonitrile	11	1.1	0.10	<0.018*	<0.019*	<0.020*	<0.018*	<0.020*	<0.018*	<0.022*	<0.023*	<0.018*	<0.024*	<0.017*	<3.1*
tert-Amylmethyl Ether	~	~	~	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.002	<0.001	<0.16
Benzene	200	21	0.20	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31*
Bromodichloromethane	92	9.9	0.11	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31*
Bromomethane	1,000	95	2.0	<0.009	<0.010	<0.010	<0.009	<0.010	<0.009	<0.011	<0.012	<0.009	<0.012	<0.009	<1.6
n-Butylbenzene	1,000	500	14	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	0.95
sec-Butylbenzene	1,000	500	14	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	0.76
tert-Butylbenzene	1,000	500	14	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31
Carbon Tetrachloride	44	4.7	1.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31
Chlorodibromomethane	68	7.3	0.10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.002	<0.001	<0.16*
Chloroform	940	100	1.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.005	<0.005	<0.004	<0.005	<0.004	<0.61
Chloromethane	440	47	0.54	<0.009	<0.010	<0.010	<0.009	<0.010	<0.009	<0.011	<0.012	<0.009	<0.012	<0.009	<1.6*
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31
1,2-Dibromoethane	0.067	0.007	~	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.002	<0.001	<0.16*
cis-1,2-Dichloroethylene	1,000	500	14	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	0.005	0.002	2.5
1,2-Dichloropropane	84	9.0	1.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31*
1,3-Dichloropropane	~	~	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.002	<0.001	<0.16
Ethyl Benzene	1,000	500	10	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31
Isopropylbenzene	1,000	500	130	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	0.63
p-Isopropyltoluene	1,000	500	14	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	0.59
Methylene Chloride	760	82	1.0	<0.018	<0.019	<0.020 UJ	<0.018 UJ	0.047 J	<0.018	<0.022	<0.023	0.039	<0.024	<0.017	<3.1*
Naphthalene	2,500	1,000	56	<0.009	<0.010	<0.010	<0.009	<0.010	<0.009	<0.011	<0.012	<0.009	<0.012	<0.009	<1.6
n-Propylbenzene	1,000	500	14	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	0.92
1,1,1,2-Tetrachloroethane	220	24	0.20	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31*
1,1,2,2-Tetrachloroethane	29	3.1	0.10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.002	<0.001	<0.16*
Tetrachloroethylene	110	12	1.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.007	<0.003	<0.002	<0.003	0.006	**80**
Toluene	1,000	500	67	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31
Trichloroethylene	520	56	1.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.008	0.003	0.025	0.004	0.022	**6.8**
1,2,4-Trimethylbenzene	1,000	500	70	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	1.1
1,3,5-Trimethylbenzene	1,000	500	70	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31
Vinyl Chloride	3.0	0.32	0.40	<0.009	<0.010	<0.010	<0.009	<0.010	<0.009	<0.011	<0.012	<0.009	<0.012	<0.009	<1.6*
m + p Xylene	1,000	500	20	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.005	<0.005	<0.004	<0.005	<0.004	<0.61
o-Xylene	1,000	500	20	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.003	<0.002	<0.31
VOCs - (self-implementing)															
splp 8260 (ug/l)			**GWPC X 10**												
Acetone	~	~	7000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
n-Butylbenzene	~	~	610	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	~	~	610	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Disulfide	~	~	7000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
cis-1,2-Dichloroethylene	~	~	700	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
p-Isopropyltoluene	~	~	700	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Trichloroethylene	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	~	~	3500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	~	~	3500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Vinyl Chloride	~	~	20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
o-Xylene	~	~	5300	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
METALS - TOTAL (mg/kg)			**PMC X 20 (screening)**												
ag (mg/kg)dw icp (mg/kg dry wt)															
Silver	10,000	340	7.20	<0.60	0.63	3.14	6.97	<0.61	<0.63	14.0	<0.58	<0.56	NT	0.80	NT
as (mg/kg)dw icp (mg/kg dry wt)															
Arsenic	**10.0**	**10.0**	10.00	<5.97	<5.67	<5.86	<5.41	<6.06	<6.26	8.84	**19.3**	<5.51	NT	<5.50	NT
ba (mg/kg)dw icp (mg/kg dry wt)															
Barium	140,000	4,700	200.00	73.3	59.8	**216**	103	83.4	142	113	172	40.8	NT	65.0	NT
be (mg/kg)dw icp (mg/kg dry wt)															
Beryllium	2.00	2.00	0.80	0.72	0.58	0.66	0.49	0.63	0.71	0.61	0.60	0.72	NT	0.62	NT
cd (mg/kg)dw icp (mg/kg dry wt)															
Cadmium	1,000	34.0	1.00	<0.60	<0.57	<0.59	<0.55	<0.61	<0.63	0.71	1.15	<0.56	NT	<0.55	NT
cr (mg/kg)dw icp (mg/kg dry wt)															
Chromium	~	~	10.00	**14.2**	7.61	**44.2**	**51.7**	**17.0**	**19.9**	**18.0**	**38.4**	**14.8**	NT	**15.0**	NT
cu (mg/kg)dw icp (mg/kg dry wt)															
Copper	76,000	**2,500**	260.00	30.7	57.5	173	233	44.4	57.6 J	**593**	**721**	25.2	NT	71.3	NT
hg (mg/kg) dw (mg/kg dry wt)															
Mercury	610	20.0	0.40	0.038	0.031	0.162	0.141	0.040	0.257	0.238	0.518	<0.006	NT	0.047	NT
ni (mg/kg)dw icp (mg/kg dry wt)															
Nickel	7,500	1,400	20.00	14.7	12.1	**22.6**	**24.7**	15.1	16.8	**117**	**136**	15.1	NT	17.8	NT
pb (mg/kg)dw icp (mg/kg dry wt)															
Lead	1,000	**400**	3.00	**14.4**	**29.1**	**64.7**	**134**	**28.3**	**74.2**	**179**	**154**	**7.40**	NT	**31.8**	NT
sb (mg/kg)dw icp (mg/kg dry wt)															
Antimony	8,200	**27.0**	1.20	<4.78*	<4.54*	<4.69*	<4.33*	<4.85*	<5.01* UJ	**6.21**	**8.96**	<4.41*	NT	**4.67**	NT
v (mg/kg)dw icp (mg/kg dry wt)															
Vanadium	14,000	**470**	10.00	**44.0**	**17.4**	**54.9**	**35.1**	**43.3**	**39.4**	**43.2**	**817**	**40.2**	NT	**41.8**	NT
zn (mg/kg)dw icp (mg/kg dry wt)															
Zinc	610,000	20,000	1000.00	82.6	67.7	114	142	82.5	126	331	415	136	NT	64.9	NT
METALS - (SPLP)															
splp - beryllium (mg/l)															
Beryllium	~	~	0.04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - cd low (mg/l leachate)															
Cadmium	~	~	0.05	NT	NT	<0.03	<0.03	NT	NT	NT	<0.003	NT	NT	NT	NT
splp - chromium (mg/l leachate)															
Chromium	~	~	0.50	<0.03	NT	NT	NT	NT	NT	NT	<0.03	NT	NT	<0.03	NT
splp - copper (mg/l leachate)															
Copper	~	~	13.00	NT	NT	NT	NT	NT	NT	NT	0.13	NT	NT	NT	NT
splp - lead icp (mg/l leachate)															
Lead	~	~	0.15	<0.01	NT	0.02	0.03	NT	NT	NT	0.16	NT	NT	0.01	NT
splp - nickel (mg/l leachate)															

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mmary - Soil Samples
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, Connecticut
f Eddy, Inc.
rch 2007

				AOC-17					
5(B)-SB4 2-4		**AOC-15(B)-SB5 2-4**		**AOC-17-SS1**	**AOC-17-SS2**	**AOC-17-SB1 5-7**	**AOC-17-SB1 12-14**	**AOC-17-SB2 2-4**	**AOC-17-SB2 14-16**
/30/06		3/30/06		3/29/06	3/29/06	3/29/06	3/29/06	3/29/06	3/29/06
2-4		2-4		0-0.5	0-0.5	5-7	12-14	2-4	14-16
S-96356		LIMS-96356		LIMS-96359	LIMS-96359, LIMS-96668	LIMS-96359	LIMS-96359	LIMS-96359, LIMS-96668	LIMS-96360
T		NT		NT	<0.03	NT	NT	NT	NT
T		NT		NT	0.0920	NT	NT	0.0043	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	<0.0005	NT	NT	<0.0005	NT
T		NT		NT	0.03	NT	NT	<0.03	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	<0.00004	NT	NT	NT	NT
21	UJ	<0.21	UJ	NT	NT	NT	NT	NT	NT
21	UJ	<0.21	UJ	NT	NT	NT	NT	NT	NT
21	UJ	0.73	J	NT	NT	NT	NT	NT	NT
21	UJ	1.07	J	NT	NT	NT	NT	NT	NT
21	UJ	0.76	J	NT	NT	NT	NT	NT	NT
21	UJ	0.93	J	NT	NT	NT	NT	NT	NT
21	UJ	0.30	J	NT	NT	NT	NT	NT	NT
21	UJ	0.37	J	NT	NT	NT	NT	NT	NT
21	UJ	0.93	J	NT	NT	NT	NT	NT	NT
21	UJ	<0.21	UJ	NT	NT	NT	NT	NT	NT
21	UJ	2.09	J	NT	NT	NT	NT	NT	NT
21	UJ	0.27	J	NT	NT	NT	NT	NT	NT
21	UJ	0.36	J	NT	NT	NT	NT	NT	NT
21	UJ	<0.21	UJ	NT	NT	NT	NT	NT	NT
21	UJ	<0.21	UJ	NT	NT	NT	NT	NT	NT
21	UJ	2.04	J	NT	NT	NT	NT	NT	NT
21	UJ	1.82	J	NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
T		NT		NT	NT	NT	NT	NT	NT
3		<13		NT	NT	NT	NT	NT	NT
6		80.0		88.2	87.4	90.8	77.8	91.0	NT

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC				AOC-19						AOC-24			AOC-30		
	I/C DEC	R DEC	GB PMC	AOC-17-SB2 18-20	AOC-19-SB02 2-4	AOC-19-SB2 7-9	AOC-19-SB3 2-4	AOC-19-SB3-8-10	AOC-19-MW1 2-4	AOC19-MW-1 5-7	AOC-24-SS1	AOC-24-MW1 2-4	AOC-24-MW1 4-6	AOC-30-SS1 MS/MSD	AOC-30-SS1DUP	AOC-30-MW1 2-4
Sampling Date				3/29/06	3/30/06	3/31/06	3/29/06	3/31/06	3/29/06	3/30/06	3/29/06	3/29/06	3/29/06	3/30/06	3/30/06	3/30/06
Sample Depth (feet)				18-20	2-4	7-9	2-4	8-10	2-4	5-7	0-0.5	2-4	4-6	0-0.5	0-0.5	2-4
Laboratory Report Number				LIMS-96360	LIMS-96357, LIMS-96668	LIMS-96388, LIMS-96737	LIMS-96358, LIMS-96679, LIMS-	LIMS-96388	LIMS-96358	LIMS-96392, LIMS-96737	LIMS-96359, LIMS-96661	LIMS-96359, LIMS-96661	LIMS-96358	LIMS-96356	LIMS-96356	LIMS-96356
VOCs - MASS																
8260 dry weight (mg/kg dry wt)																
Acrylonitrile	11	1.1	0.10	<3.0*	<0.017*	<0.015*	<0.021*	<0.019*	NT	<0.020*	<0.021*	<0.022*	NT	<0.017*	<0.025*	<0.023*
tert-Amylmethyl Ether	~	~	~	<0.15	<0.001	<0.001	<0.002	<0.001	NT	<0.001	<0.002	<0.002	NT	<0.001	<0.002	<0.002
Benzene	200	21	0.20	<0.30*	<0.002	<0.002	0.004	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002	<0.003	<0.003
Bromodichloromethane	92	9.9	0.11	<0.30*	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002	<0.003	<0.003
Bromomethane	1,000	95	2.0	<1.5	<0.009	<0.008	<0.011	<0.010	NT	<0.010	<0.011	<0.011	NT	<0.009	<0.013	<0.012
n-Butylbenzene	1,000	500	14	0.57	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002 UJ	<0.003	<0.003
sec-Butylbenzene	1,000	500	14	0.48	<0.002	0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002 UJ	<0.003	<0.003
tert-Butylbenzene	1,000	500	14	<0.30	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002 UJ	<0.003	<0.003
Carbon Tetrachloride	44	4.7	1.0	<0.30	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	0.003	NT	<0.002	<0.003	<0.003
Chlorodibromomethane	68	7.3	0.10	<0.15*	<0.001	<0.001	<0.002	<0.001	NT	<0.001	<0.002	<0.002	NT	<0.001	<0.002	<0.002
Chloroform	940	100	1.2	<0.59	<0.003	<0.003	<0.005	<0.004	NT	<0.004	<0.005	0.007	NT	<0.004	<0.005	<0.005
Chloromethane	440	47	0.54	<1.5*	<0.009	<0.008	<0.011	<0.010	NT	<0.010	<0.011	<0.011	NT	<0.009	<0.013	<0.012
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	<0.30	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002 UJ	<0.003	<0.003
1,2-Dibromoethane	0.067	0.007	~	<0.15*	<0.001	<0.001	<0.002	<0.001	NT	<0.001	<0.002	<0.002	NT	<0.001	<0.002	<0.002
cis-1,2-Dichloroethylene	1,000	500	14	6.1	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002	<0.003	<0.003
1,2-Dichloropropane	84	9.0	1.0	<0.30*	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	0.003	NT	<0.002	<0.003	<0.003
1,3-Dichloropropane	~	~	0.1	<0.15	<0.001	<0.001	<0.002	<0.001	NT	<0.001	<0.002	<0.002	NT	<0.001	<0.002	<0.002
Ethyl Benzene	1,000	500	10	<0.30	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002 UJ	<0.003	<0.003
Isopropylbenzene	1,000	500	130	0.52	<0.002	0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002 UJ	<0.003	<0.003
p-Isopropyltoluene	1,000	500	14	0.31	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002 UJ	<0.003	<0.003
Methylene Chloride	760	82	1.0	<3.0*	<0.017	<0.015	<0.021	<0.019	NT	0.040	<0.021	<0.022	NT	<0.017 UJ	<0.025	<0.023
Naphthalene	2,500	1,000	56	<1.5	<0.009	<0.008	<0.011	<0.010	NT	<0.010 UJ	<0.011	<0.011	NT	<0.009 UJ	<0.013	<0.012
n-Propylbenzene	1,000	500	14	0.79	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002	<0.003	<0.003
1,1,1,2-Tetrachloroethane	220	24	0.20	<0.30*	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002	<0.003	<0.003
1,1,2,2-Tetrachloroethane	29	3.1	0.10	<0.15*	<0.001	<0.001	<0.002	<0.001	NT	<0.001	<0.002	<0.002	NT	<0.001	<0.002	<0.002
Tetrachloroethylene	110	12	1.0	54	<0.002	<0.002	<0.003	<0.002	NT	<0.002	0.007	0.021	NT	<0.002 UJ	<0.003	<0.003
Toluene	1,000	500	67	<0.30	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002	<0.003	<0.003
Trichloroethylene	520	56	1.0	12	<0.002	<0.002	0.008	<0.002	NT	0.005	0.063	27	NT	<0.002	<0.003	<0.003
1,2,4-Trimethylbenzene	1,000	500	70	<0.30	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002 UJ	<0.003	<0.003
1,3,5-Trimethylbenzene	1,000	500	70	<0.30	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002 UJ	<0.003	<0.003
Vinyl Chloride	3.0	0.32	0.40	<1.5*	<0.009	<0.008	<0.011	<0.010	NT	<0.010	<0.011	<0.011	NT	<0.009	<0.013	<0.012
m + p Xylene	1,000	500	20	<0.59	<0.003	<0.003	<0.005	<0.004	NT	<0.004	<0.005	<0.005	NT	<0.004 UJ	<0.005	<0.005
o-Xylene	1,000	500	20	<0.30	<0.002	<0.002	<0.003	<0.002	NT	<0.002	<0.003	<0.003	NT	<0.002 UJ	<0.003	<0.003
VOCs - (self-implementing)																
splp 8260 (ug/l)			GWPC X 10													
Acetone	~	~	7000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
n-Butylbenzene	~	~	610	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
[illegible]-Butylbenzene	~	~	610	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
[illegible]n Disulfide	~	~	7000	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
[illegible]-Dichloroethylene	~	~	700	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
[illegible]propyltoluene	~	~	700	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Trichloroethylene	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	~	~	3500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	~	~	3500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Vinyl Chloride	~	~	20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
o-Xylene	~	~	5300	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
METALS - TOTAL (mg/kg)			PMC X 20 (screening)													
ag (mg/kg)dw icp (mg/kg dry wt)																
Silver	10,000	340	7.20	NT	46.1	1.38	19.7	<0.57	109	5.20	NT	NT	NT	NT	NT	NT
as (mg/kg)dw icp (mg/kg dry wt)																
Arsenic	10.0	10.0	10.00	NT	<5.95	<5.66	7.10	<5.68	6.04	<5.82	NT	NT	NT	NT	NT	NT
ba (mg/kg)dw icp (mg/kg dry wt)																
Barium	140,000	4,700	200.00	NT	168	64.7	148	97.1	196	98.9	NT	NT	NT	NT	NT	NT
be (mg/kg)dw icp (mg/kg dry wt)																
Beryllium	2.00	2.00	0.80	NT	0.68	0.52	0.52	0.53	0.45	0.51	NT	NT	NT	NT	NT	NT
cd (mg/kg)dw icp (mg/kg dry wt)																
Cadmium	1,000	34.0	1.00	NT	<0.60	<0.57	<0.61	<0.57	<0.60	0.60	NT	NT	NT	NT	NT	NT
cr (mg/kg)dw icp (mg/kg dry wt)																
Chromium	~	~	10.00	NT	20.3	10.4	17.9	13.6	33.3	14.8	NT	NT	NT	NT	NT	NT
cu (mg/kg)dw icp (mg/kg dry wt)																
Copper	76,000	2,500	260.00	NT	614	91.0	3,710	110	2,580	187	NT	NT	NT	NT	NT	NT
hg (mg/kg) dw (mg/kg dry wt)																
Mercury	610	20.0	0.40	NT	0.557	0.031	0.092	0.011	0.244	0.239	NT	NT	NT	NT	NT	NT
ni (mg/kg)dw icp (mg/kg dry wt)																
Nickel	7,500	1,400	20.00	NT	110	197	762	67.4	501	125	NT	NT	NT	NT	NT	NT
pb (mg/kg)dw icp (mg/kg dry wt)																
Lead	1,000	400	3.00	NT	797	15.3	209	3.77	234	51.8	NT	NT	NT	NT	NT	NT
sb (mg/kg)dw icp (mg/kg dry wt)																
Antimony	8,200	27.0	1.20	NT	8.31	<4.53*	<4.83*	<4.55*	<4.73*	<4.66*	NT	NT	NT	NT	NT	NT
v (mg/kg)dw icp (mg/kg dry wt)																
Vanadium	14,000	470	10.00	NT	40.2	35.0	33.6	40.7	29.5	39.1	NT	NT	NT	NT	NT	NT
zn (mg/kg)dw icp (mg/kg dry wt)																
Zinc	610,000	20,000	1000.00	NT	279	247	800	103	778	231	NT	NT	NT	NT	NT	NT
METALS - (SPLP)																
splp - beryllium (mg/l)																
Beryllium	~	~	0.04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - cd low (mg/l leachate)																
Cadmium	~	~	0.05	NT	NT	NT	<0.03	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - chromium (mg/l leachate)																
Chromium	~	~	0.50	NT	<0.03	<0.03	NT	NT	NT	<0.03	NT	NT	NT	NT	NT	NT
[illegible]lo - copper (mg/l leachate)																
[illegible]r	~	~	13.00	NT	1.01	NT	4.31	NT	NT	NT	NT	NT	NT	NT	NT	NT
lead icp (mg/l leachate)																
[illegible]	~	~	0.15	NT	3.06	<0.01	0.07	NT	NT	0.02	NT	NT	NT	NT	NT	NT
splp - nickel (mg/l leachate)																

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC I/C DEC	RSR DEC R DEC	GB PMC	AOC-17-SB2 18-20	AOC-19-SB02 2-4	AOC-19-SB2 7-9	AOC-19-SB3 2-4	AOC-19-SB3-8-10	AOC-19-MW1 2-4	AOC19-MW-1 5-7	AOC-24-SS1	AOC-24-MW1 2-4	AOC-24-MW1 4-6	AOC-30-SS1 MS/MSD	AOC-30-SS1DUP	AOC-30-MW1 2-4
					AOC-19						AOC-24			AOC-30		
Sampling Date				3/29/06	3/30/06	3/31/06	3/29/06	3/31/06	3/29/06	3/30/06	3/29/06	3/29/06	3/29/06	3/30/06	3/30/06	3/30/06
Sample Depth (feet)				18-20	2-4	7-9	2-4	8-10	2-4	5-7	0-0.5	2-4	4-6	0-0.5	0-0.5	2-4
Laboratory Report Number				LIMS-96360	LIMS-96357, LIMS-96668	LIMS-96388, LIMS-96737	LIMS-96358, LIMS-96679, LIMS-	LIMS-96388	LIMS-96358	LIMS-96392, LIMS-96737	LIMS-96359, LIMS-96661	LIMS-96359, LIMS-96661	LIMS-96358	LIMS-96356	LIMS-96356	LIMS-96356
Nickel	~	~	1.00	NT	0.05	0.11	0.31	NT	NT	<0.03	NT	NT	NT	NT	NT	NT
splp - sb furn (mg/l) Antimony	~	~	0.06	NT	0.0520	0.0060	0.0098	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - silver (mg/l leachate) Silver	~	~	0.36	NT	<0.03	NT	<0.03	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - tl furn (mg/l) Thallium	~	~	0.05	NT	<0.0005	<0.0005	<0.0005	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - vanadium (mg/l leachate) Vanadium	~	~	0.50	NT	<0.03	<0.03	<0.03	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp barium icp (mg/l leachate) Barium	~	~	10.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp mercury (mg/l leachate) Mercury	~	~	0.02	NT	0.00004	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
PAHs - MASS																
pah - sludge (mg/kg dry wt)																
Acenaphthene	2,500	1,000	84	NT	<0.20	<0.95	0.22	<0.19	<0.20	<0.19	<1.82	<0.94	<0.30	NT	NT	NT
Acenaphthylene	2,500	1,000	84	NT	<0.20	<0.95	<0.21	<0.19	<0.20	<0.19	<1.82	<0.94	<0.30	NT	NT	NT
Anthracene	2,500	1,000	400	NT	0.31	<0.95	0.45	<0.19	0.27	<0.19	<1.82	1.28	<0.30	NT	NT	NT
Benzo(a)anthracene	7.80	1.00	1	NT	0.87	<0.95	1.04	<0.19	0.97	<0.19	2.27	2.19	<0.30	NT	NT	NT
Benzo(a)pyrene	1.00	1.00	1	NT	0.70	<0.95	1.00	<0.19	0.92	<0.19	1.99	1.98	<0.30	NT	NT	NT
Benzo(b)fluoranthene	7.80	1.00	1	NT	0.93	<0.95	1.22	<0.19	1.24	<0.19	2.43	2.7	<0.30	NT	NT	NT
Benzo(g,h,i)perylene	2,500	1,000	42	NT	0.31	<0.95	0.62	<0.19	0.56	<0.19	<1.82	<0.94	<0.30	NT	NT	NT
Benzo(k)fluoranthene	78.0	8.40	1	NT	0.33	<0.95	0.46	<0.19	0.43	<0.19	<1.82*	1.08	<0.30	NT	NT	NT
Chrysene	780	84.0	1	NT	0.88	<0.95	1.06	<0.19	0.99	<0.19	2.44	2.23	<0.30	NT	NT	NT
Dibenz(a,h)anthracene	1.00	1.00	1	NT	<0.20	<0.95	<0.21	<0.19	<0.20	<0.19	<1.82*	<0.94	<0.30	NT	NT	NT
Fluoranthene	2,500	1,000	56	NT	1.43	<0.95	2.38	<0.19	1.73	<0.19	4.93	5.02	<0.30	NT	NT	NT
Fluorene	2,500	1,000	56	NT	<0.20	<0.95	<0.21	<0.19	<0.20	<0.19	<1.82	<0.94	<0.30	NT	NT	NT
Indeno(1,2,3-cd)pyrene	7.80	1.00	1	NT	0.36	<0.95	0.62	<0.19	0.63	<0.19	<1.82*	<0.94	<0.30	NT	NT	NT
2-Methylnaphthalene	2,500	474	9.8	NT	<0.20	<0.95	<0.21	<0.19	<0.20	<0.19	<1.82	<0.94	<0.30	NT	NT	NT
Naphthalene	2,500	1,000	56	NT	<0.20	<0.95	<0.21	<0.19	<0.20	<0.19	<1.82	<0.94	<0.30	NT	NT	NT
Phenanthrene	2,500	1,000	40	NT	1.19	<0.95	2.33	<0.19	1.21	<0.19	5.29	5.26	<0.30	NT	NT	NT
Pyrene	2,500	1,000	40	NT	1.54	<0.95	2.44	<0.19	1.73	<0.19	4.99	4.69	<0.30	NT	NT	NT
PAHs - (self-implementing)																
splp - pah (ug/l)			GWPC X 10													
Acenaphthene	~	~	4200	NT	NT	NT	<0.30	NT	NT	NT	<0.30	<0.30	NT	NT	NT	NT
Acenaphthylene	~	~	4200	NT	NT	NT	<0.30	NT	NT	NT	<0.30	<0.30	NT	NT	NT	NT
Anthracene	~	~	20000	NT	NT	NT	<0.20	NT	NT	NT	<0.20	<0.20	NT	NT	NT	NT
Benzo(a)anthracene	~	~	0.6	NT	NT	NT	<0.050	NT	NT	NT	<0.050	<0.050	NT	NT	NT	NT
Benzo(a)pyrene	~	~	2.0	NT	NT	NT	<0.100	NT	NT	NT	<0.100	<0.100	NT	NT	NT	NT
[illegible](b)fluoranthene	~	~	0.8	NT	NT	NT	<0.050	NT	NT	NT	<0.050	<0.050	NT	NT	NT	NT
[illegible],h,i)perylene	~	~	2100	NT	NT	NT	<0.500	NT	NT	NT	<0.500	<0.500	NT	NT	NT	NT
[illegible],k)fluoranthene	~	~	5.0	NT	NT	NT	<0.200	NT	NT	NT	<0.200	<0.200	NT	NT	NT	NT
[illegible]ysene	~	~	48	NT	NT	NT	<0.20	NT	NT	NT	<0.20	<0.20	NT	NT	NT	NT
Dibenz(a,h)anthracene	~	~	5.0	NT	NT	NT	<0.500	NT	NT	NT	<0.500	<0.500	NT	NT	NT	NT
Fluoranthene	~	~	2800	NT	NT	NT	<0.50	NT	NT	NT	<0.50	<0.50	NT	NT	NT	NT
Fluorene	~	~	2800	NT	NT	NT	<1.00	NT	NT	NT	<1.00	<1.00	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	~	~	5.0	NT	NT	NT	<0.500	NT	NT	NT	<0.500	<0.500	NT	NT	NT	NT
2-Methylnaphthalene	~	~	49	NT	NT	NT	<1.00	NT	NT	NT	<1.00	<1.00	NT	NT	NT	NT
Naphthalene	~	~	2800	NT	NT	NT	<1.00	NT	NT	NT	<1.00	<1.00	NT	NT	NT	NT
Phenanthrene	~	~	2000	NT	NT	NT	<0.10	NT	NT	NT	<0.10	<0.10	NT	NT	NT	NT
Pyrene	~	~	2000	NT	NT	NT	<1.00	NT	NT	NT	<1.00	<1.00	NT	NT	NT	NT
Method 600/R-93/116 Asbestos	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
cyanide-tot sldg (mg/kg dry wt) Cyanide - None detected	41000	1400	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
etph dry weight (mg/kg dry weight) Extractable TPH (ETPH)	2,500	500	2500	NT	190	4,800	160	17	200	<12	400	180	91 J	120	210	100
solids (percent) (%) Solids, total	~	~	~	NT	84.2	88.4	82.9	88.1	84.7	85.9	92.0	88.7	56.0	91.0	90.4	77.7

Table 4
mmary - Soil Samples
ver Company, Factory H
n, Connecticut
alf Eddy, Inc.
arch 2007

	AOC-SAH		AOC-SAM			AOC-SAN	
AOC-SAE-SB1 2-4	SAH-SB1 0-2	AOC-SA-H-SB01 2-4	AOC-SA-M-SB1 0-2	AOC-SA-M SB1 2-4	AOC-SA-M-SB-02	AOC-SAN-SS1	AOCSAN-SS-2
3/29/06	3/31/06	3/30/06	3/29/06	3/29/06	5/10/06	3/31/06	3/31/06
2-4	0-2	2-4	0-2	2-4	0-1	0-0.5	0-0.5
LIMS-96359	LIMS-96388	LIMS-96357, LIMS-96668	LIMS-96358, LIMS-96679, LIMS-	LIMS-96358	LIMS-97315	LIMS-96388, LIMS-96737	LIMS-96392
NT	<0.020*	<0.013*	<0.019*	NT	<0.022*	NT	NT
NT	<0.001	<0.001	<0.001	NT	<0.002	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.010	<0.007	<0.010	NT	<0.011	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.001	<0.001	<0.001	NT	<0.002	NT	NT
NT	<0.004	<0.003	<0.004	NT	<0.005	NT	NT
NT	<0.010	<0.007	<0.010	NT	<0.011	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.001	<0.001	<0.001	NT	<0.002	NT	NT
NT	<0.002	<0.002	0.006	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.001	<0.001	<0.001	NT	<0.002	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.020	<0.013	<0.019	NT	<0.022	NT	NT
NT	<0.010	<0.007	<0.010	NT	<0.011	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.001	<0.001	<0.001	NT	<0.002	NT	NT
NT	<0.002	<0.002	0.021	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.002	<0.002	0.034	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	<0.010	<0.007	<0.010	NT	<0.011	NT	NT
NT	<0.004	<0.003	<0.004	NT	<0.005	NT	NT
NT	<0.002	<0.002	<0.002	NT	<0.003	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
5.18	<0.54	<0.55	4.94	<0.59	2.75	NT	NT
<6.47	<5.36	<5.41	<5.67	<5.85	7.76	NT	NT
183	33.0	37.1	145	116	**304**	NT	NT
0.83	0.29	<0.28	0.50	**0.96**	0.48	NT	NT
<0.65	<0.54	<0.55	<0.57	<0.59	0.78	NT	NT
31.1	7.80	7.64	**19.7**	**14.2**	**14.7**	NT	NT
238	9.35	11.0	**410**	37.9	194	NT	NT
0.223	0.008	<0.008	0.236	0.061	0.393	NT	NT
21.1	7.43	8.00	**98.6**	16.1	**32.6**	NT	NT
53.0	**3.67**	**6.04**	**162**	**20.1**	**333**	**362** J	**3.09**
<5.17*	<4.29*	<4.33*	<4.54*	<4.68*	<3.13* UJ	NT	NT
59.7	**15.0**	**15.4**	**41.4**	**38.0**	**39.2**	NT	NT
143	18.6	20.5	283	179	290	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	<0.03	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	0.49	NT	NT	NT	NT
NT	NT	<0.01	0.05	NT	NT	0.02	NT

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC				AOC-SAC		AOC-SAE		AOC-SAH		AOC-SAM			AOC-SAN	
	I/C DEC	R DEC	GB PMC	AOC-30-MW1 5-7	AOC-SAC-SS1	AOC-SAC-SB1 2-4	AOC-SAE-SB1 0-2	AOC-SAE-SB1 2-4	SAH-SB1 0-2	AOC-SA-H-SB01 2-4	AOC-SA-M-SB1 0-2	AOC-SA-M SB1 2-4	AOC-SA-M-SB-02	AOC-SAN-SS1	AOCSAN-SS-2
Sampling Date				3/30/06	3/29/06	3/29/06	3/29/06	3/29/06	3/31/06	3/30/06	3/29/06	3/29/06	5/10/06	3/31/06	3/31/06
Sample Depth (feet)				5-7	0-0.5	2-4	0-2	2-4	0-2	2-4	0-2	2-4	0-1	0-0.5	0-0.5
Laboratory Report Number				LIMS-96356	LIMS-96359, LIMS-96668	LIMS-96359	LIMS-96359, LIMS-96668	LIMS-96359	LIMS-96388	LIMS-96357, LIMS-96668	LIMS-96358, LIMS-96679, LIMS-	LIMS-96358	LIMS-97315	LIMS-96388, LIMS-96737	LIMS-96392
Nickel	~	~	1.00	NT	0.14	NT	<0.03	NT	NT	NT	0.03	NT	NT	NT	NT
splp - sb furn (mg/l) Antimony	~	~	0.06	NT	**0.0997**	NT	0.0098	NT	NT	0.0089	0.0071	NT	NT	NT	NT
splp - silver (mg/l leachate) Silver	~	~	0.36	NT	<0.03	NT	<0.03	NT	NT	NT	NT	NT	NT	NT	NT
splp - tl furn (mg/l) Thallium	~	~	0.05	NT	<0.0005	NT	<0.0005	NT	NT	<0.0005	<0.0005	NT	NT	NT	NT
splp - vanadium (mg/l leachate) Vanadium	~	~	0.50	NT	<0.03	NT	<0.03	NT	NT	<0.03	<0.03	NT	NT	NT	NT
splp barium icp (mg/l leachate) Barium	~	~	10.00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp mercury (mg/l leachate) Mercury	~	~	0.02	NT	NT	NT	0.00012	NT	NT	NT	NT	NT	NT	NT	NT
PAHs - MASS															
pah - sludge (mg/kg dry wt)															
Acenaphthene	2,500	1,000	84	NT	<0.20	<0.20	NT	NT	NT	NT	<0.38	<0.20	NT	NT	NT
Acenaphthylene	2,500	1,000	84	NT	<0.20	<0.20	NT	NT	NT	NT	<0.38	<0.20	NT	NT	NT
Anthracene	2,500	1,000	400	NT	<0.20	<0.20	NT	NT	NT	NT	<0.38	<0.20	NT	NT	NT
Benzo(a)anthracene	7.80	1.00	1	NT	<0.20	0.28	NT	NT	NT	NT	**1.09**	<0.20	NT	NT	NT
Benzo(a)pyrene	1.00	1.00	1	NT	<0.20	0.22	NT	NT	NT	NT	**1.12**	<0.20	NT	NT	NT
Benzo(b)fluoranthene	7.80	1.00	1	NT	<0.20	0.32	NT	NT	NT	NT	**1.43**	<0.20	NT	NT	NT
Benzo(g,h,i)perylene	2,500	1,000	42	NT	<0.20	<0.20	NT	NT	NT	NT	0.62	<0.20	NT	NT	NT
Benzo(k)fluoranthene	78.0	8.40	1	NT	<0.20	<0.20	NT	NT	NT	NT	0.64	<0.20	NT	NT	NT
Chrysene	780	84.0	1	NT	<0.20	0.26	NT	NT	NT	NT	**1.15**	<0.20	NT	NT	NT
Dibenz(a,h)anthracene	1.00	1.00	1	NT	<0.20	<0.20	NT	NT	NT	NT	<0.38	<0.20	NT	NT	NT
Fluoranthene	2,500	1,000	56	NT	<0.20	0.37	NT	NT	NT	NT	1.86	<0.20	NT	NT	NT
Fluorene	2,500	1,000	56	NT	<0.20	<0.20	NT	NT	NT	NT	<0.38	<0.20	NT	NT	NT
Indeno(1,2,3-cd)pyrene	7.80	1.00	1	NT	<0.20	<0.20	NT	NT	NT	NT	0.72	<0.20	NT	NT	NT
2-Methylnaphthalene	2,500	474	9.8	NT	<0.20	<0.20	NT	NT	NT	NT	<0.38	<0.20	NT	NT	NT
Naphthalene	2,500	1,000	56	NT	<0.20	<0.20	NT	NT	NT	NT	<0.38	<0.20	NT	NT	NT
Phenanthrene	2,500	1,000	40	NT	<0.20	<0.20	NT	NT	NT	NT	1.02	<0.20	NT	NT	NT
Pyrene	2,500	1,000	40	NT	<0.20	0.38	NT	NT	NT	NT	1.90	<0.20	NT	NT	NT
PAHs - (self-implementing)															
splp - pah (ug/l)			GWPC X 10												
Acenaphthene	~	~	4200	NT	NT	NT	NT	NT	NT	NT	<0.30	NT	NT	NT	NT
Acenaphthylene	~	~	4200	NT	NT	NT	NT	NT	NT	NT	<0.30	NT	NT	NT	NT
Anthracene	~	~	20000	NT	NT	NT	NT	NT	NT	NT	<0.20	NT	NT	NT	NT
Benzo(a)anthracene	~	~	0.6	NT	NT	NT	NT	NT	NT	NT	<0.050	NT	NT	NT	NT
Benzo(a)pyrene	~	~	2.0	NT	NT	NT	NT	NT	NT	NT	<0.100	NT	NT	NT	NT
Benzo(b)fluoranthene	~	~	0.8	NT	NT	NT	NT	NT	NT	NT	<0.050	NT	NT	NT	NT
Benzo(g,h,i)perylene	~	~	2100	NT	NT	NT	NT	NT	NT	NT	<0.500	NT	NT	NT	NT
Benzo(k)fluoranthene	~	~	5.0	NT	NT	NT	NT	NT	NT	NT	<0.200	NT	NT	NT	NT
Chrysene	~	~	48	NT	NT	NT	NT	NT	NT	NT	<0.20	NT	NT	NT	NT
Dibenz(a,h)anthracene	~	~	5.0	NT	NT	NT	NT	NT	NT	NT	<0.500	NT	NT	NT	NT
Fluoranthene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	<0.50	NT	NT	NT	NT
Fluorene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	<1.00	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	~	~	5.0	NT	NT	NT	NT	NT	NT	NT	<0.500	NT	NT	NT	NT
2-Methylnaphthalene	~	~	49	NT	NT	NT	NT	NT	NT	NT	<1.00	NT	NT	NT	NT
Naphthalene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	<1.00	NT	NT	NT	NT
Phenanthrene	~	~	2000	NT	NT	NT	NT	NT	NT	NT	<0.10	NT	NT	NT	NT
Pyrene	~	~	2000	NT	NT	NT	NT	NT	NT	NT	<1.00	NT	NT	NT	NT
Method 600/R-93/116 Asbestos	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	Chrysotile - trace Anosite - trace
cyanide-tot sldg (mg/kg dry wt) Cyanide - None detected	41000	1400	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
etph dry weight (mg/kg dry weight) Extractable TPH (ETPH)	2,500	500	2500	<13	91	110	NT	NT	21	<11	210	<12	NT	NT	NT
solids (percent) (%) Solids, total	~	~	~	82.0 J	83.6	83.6	90.0	77.4	93.5	92.6	88.3	85.6	NT	65.1	86.3

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC			AOC-SAO		AOC-SAP		AOC-SAT			AOC-25	
	I/C DEC	R DEC	GB PMC	AOC-SAO-SB1 0-2	AOC-SAO-SB1-2-4	AOC-SAP-SS1	AOC-SAP-SS2	AOC-SAT-SS1	AOC-SA-T-03	AOC-SA-T-04	MW-100 11.5 -13.5	MW-107 6-8
Sampling Date				3/30/06	3/30/06	3/29/06	3/29/06	3/31/06	3/30/06	3/30/06	11/23/06	11/23/06
Sample Depth (feet)				0-2	2-4	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	11.5 -13.5	6-8
Laboratory Report Number				LIMS-96356, LIMS-96679	LIMS-96356, LIMS-96679	LIMS-96360	LIMS-96360	LIMS-96388	LIMS-96357, LIMS-96668	LIMS-96357	LIMT- 01995	LIMT- 01995
VOCs - MASS												
8260 dry weight (mg/kg dry wt)												
Acrylonitrile	11	1.1	0.10	<0.013*	<0.026*	NT	NT	NT	NT	NT	<0.021	<0.025
tert-Amylmethyl Ether	~	~	~	<0.001	<0.002	NT	NT	NT	NT	NT	<0.001	<0.002
Benzene	200	21	0.20	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
Bromodichloromethane	92	9.9	0.11	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
Bromomethane	1,000	95	2.0	<0.006	<0.013	NT	NT	NT	NT	NT	<0.011	<0.013
n-Butylbenzene	1,000	500	14	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
sec-Butylbenzene	1,000	500	14	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
tert-Butylbenzene	1,000	500	14	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
Carbon Tetrachloride	44	4.7	1.0	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
Chlorodibromomethane	68	7.3	0.10	<0.001	<0.002	NT	NT	NT	NT	NT	<0.001	<0.002
Chloroform	940	100	1.2	<0.003	<0.006	NT	NT	NT	NT	NT	<0.004	<0.005
Chloromethane	440	47	0.54	<0.006	<0.013	NT	NT	NT	NT	NT	<0.011	<0.013
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
1,2-Dibromoethane	0.067	0.007	~	<0.001	<0.002	NT	NT	NT	NT	NT	<0.001	<0.002
cis-1,2-Dichloroethylene	1,000	500	14	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
1,2-Dichloropropane	84	9.0	1.0	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
1,3-Dichloropropane	~	~	0.1	<0.001	<0.002	NT	NT	NT	NT	NT	<0.001	<0.002
Ethyl Benzene	1,000	500	10	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
Isopropylbenzene	1,000	500	130	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
p-Isopropyltoluene	1,000	500	14	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
Methylene Chloride	760	82	1.0	<0.013 UJ	<0.026 UJ	NT	NT	NT	NT	NT	<0.021	<0.025
Naphthalene	2,500	1,000	56	0.062	<0.013	NT	NT	NT	NT	NT	<0.004	<0.005
n-Propylbenzene	1,000	500	14	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
1,1,1,2-Tetrachloroethane	220	24	0.20	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
1,1,2,2-Tetrachloroethane	29	3.1	0.10	<0.001	<0.002	NT	NT	NT	NT	NT	<0.001	<0.002
Tetrachloroethylene	110	12	1.0	<0.001	<0.003	NT	NT	NT	NT	NT	0.008	<0.003
Toluene	1,000	500	67	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
Trichloroethylene	520	56	1.0	<0.001	<0.003	NT	NT	NT	NT	NT	0.007	<0.003
1,2,4-Trimethylbenzene	1,000	500	70	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
1,3,5-Trimethylbenzene	1,000	500	70	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
Vinyl Chloride	3.0	0.32	0.40	<0.006	<0.013	NT	NT	NT	NT	NT	<0.011	<0.013
m + p Xylene	1,000	500	20	<0.003	<0.006	NT	NT	NT	NT	NT	<0.004	<0.005
o-Xylene	1,000	500	20	<0.001	<0.003	NT	NT	NT	NT	NT	<0.002	<0.003
VOCs - (self-implementing)												
splp 8260 (ug/l)			**GWPC X 10**									
Acetone	~	~	7000	NT	NT	NT	NT	NT	NT	NT	NT	NT
n-Butylbenzene	~	~	610	NT	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	~	~	610	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Disulfide	~	~	7000	NT	NT	NT	NT	NT	NT	NT	NT	NT
cis-1,2-Dichloroethylene	~	~	700	NT	NT	NT	NT	NT	NT	NT	NT	NT
p-Isopropyltoluene	~	~	700	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT
Trichloroethylene	~	~	50	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	~	~	3500	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	~	~	3500	NT	NT	NT	NT	NT	NT	NT	NT	NT
Vinyl Chloride	~	~	20	NT	NT	NT	NT	NT	NT	NT	NT	NT
o-Xylene	~	~	5300	NT	NT	NT	NT	NT	NT	NT	NT	NT
METALS - TOTAL (mg/kg)			**PMC X 20 (screening)**									
ag (mg/kg)dw icp (mg/kg dry wt)												
Silver	10,000	340	7.20	**17.8**	<0.68	NT	NT	NT	NT	NT	NT	NT
as (mg/kg)dw icp (mg/kg dry wt)												
Arsenic	10.0	10.0	10.00	<5.66	<6.72	NT	NT	NT	NT	NT	NT	NT
ba (mg/kg)dw icp (mg/kg dry wt)												
Barium	140,000	4,700	200.00	106	**263**	NT	NT	NT	NT	NT	NT	NT
be (mg/kg)dw icp (mg/kg dry wt)												
Beryllium	2.00	2.00	0.80	0.69	0.76	NT	NT	NT	NT	NT	NT	NT
cd (mg/kg)dw icp (mg/kg dry wt)												
Cadmium	1,000	34.0	1.00	0.68	<0.68	NT	NT	NT	NT	NT	NT	NT
cr (mg/kg)dw icp (mg/kg dry wt)												
Chromium	~	~	10.00	**66.6**	**31.1**	NT	NT	NT	NT	NT	NT	NT
cu (mg/kg)dw icp (mg/kg dry wt)												
Copper	76,000	2,500	260.00	**1,200**	33.1	NT	NT	NT	NT	NT	NT	NT
hg (mg/kg) dw (mg/kg dry wt)												
Mercury	610	20.0	0.40	**0.406**	0.059	NT	NT	NT	NT	NT	NT	NT
ni (mg/kg)dw icp (mg/kg dry wt)												
Nickel	7,500	1,400	20.00	**117**	**27.3**	NT	NT	NT	NT	NT	NT	NT
pb (mg/kg)dw icp (mg/kg dry wt)												
Lead	1,000	400	3.00	**241**	**38.1**	NT	NT	**344**	**406**	**131**	NT	NT
sb (mg/kg)dw icp (mg/kg dry wt)												
Antimony	8,200	27.0	1.20	**4.77**	<5.38*	NT	NT	NT	NT	NT	NT	NT
v (mg/kg)dw icp (mg/kg dry wt)												
Vanadium	14,000	470	10.00	**53.4**	**62.5**	NT	NT	NT	NT	NT	NT	NT
zn (mg/kg)dw icp (mg/kg dry wt)												
Zinc	610,000	20,000	1000.00	407	64.9	NT	NT	NT	NT	NT	NT	NT
METALS - (SPLP)												
splp - beryllium (mg/l)												
Beryllium	~	~	0.04	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - cd low (mg/l leachate)												
Cadmium	~	~	0.05	<0.02	<0.02	NT	NT	NT	NT	NT	NT	NT
splp - chromium (mg/l leachate)												
Chromium	~	~	0.50	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - copper (mg/l leachate)												
Copper	~	~	13.00	0.40	NT	NT	NT	NT	NT	NT	NT	NT
splp - lead icp (mg/l leachate)												
Lead	~	~	0.15	0.05	<0.01	NT	NT	NT	0.03	NT	NT	NT
splp - nickel (mg/l leachate)												

Table 4
Analytical Summary - Soil Samples
International Silver Company, Factory H
Meriden, Connecticut
Metcalf Eddy, Inc.
March 2007

Parameter	RSR DEC			AOC-SAO		AOC-SAP		AOC-SAT			AOC-25	
	I/C DEC	R DEC	GB PMC	AOC-SAO-SB1 0-2	AOC-SAO-SB1-2-4	AOC-SAP-SS1	AOC-SAP-SS2	AOC-SAT-SS1	AOC-SA-T-03	AOC-SA-T-04	MW-100 11.5 -13.5	MW-107 6-8
Sampling Date				3/30/06	3/30/06	3/29/06	3/29/06	3/31/06	3/30/06	3/30/06	11/23/06	11/23/06
Sample Depth (feet)				0-2	2-4	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	11.5 -13.5	6-8
Laboratory Report Number				LIMS-96356, LIMS-96679	LIMS-96356, LIMS-96679	LIMS-96360	LIMS-96360	LIMS-96388	LIMS-96357, LIMS-96668	LIMS-96357	LIMT- 01995	LIMT- 01995
Nickel	~	~	1.00	0.04	0.05	NT	NT	NT	NT	NT	NT	NT
splp - sb furn (mg/l)												
Antimony	~	~	0.06	0.0115	0.0057	NT	NT	NT	NT	NT	NT	NT
splp - silver (mg/l leachate)												
Silver	~	~	0.36	<0.02	NT	NT	NT	NT	NT	NT	NT	NT
splp - tl furn (mg/l)												
Thallium	~	~	0.05	<0.0005	<0.0005	NT	NT	NT	NT	NT	NT	NT
splp - vanadium (mg/l leachate)												
Vanadium	~	~	0.50	<0.02	<0.02	NT	NT	NT	NT	NT	NT	NT
splp barium icp (mg/l leachate)												
Barium	~	~	10.00	NT	0.63	NT	NT	NT	NT	NT	NT	NT
splp mercury (mg/l leachate)												
Mercury	~	~	0.02	NT	NT	NT	NT	NT	NT	NT	NT	NT
PAHs - MASS												
pah - sludge (mg/kg dry wt)												
Acenaphthene	2,500	1,000	84	NT	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	2,500	1,000	84	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	2,500	1,000	400	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	7.80	1.00	1	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene	1.00	1.00	1	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	7.80	1.00	1	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	2,500	1,000	42	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene	78.0	8.40	1	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chrysene	780	84.0	1	NT	NT	NT	NT	NT	NT	NT	NT	NT
Dibenz(a,h)anthracene	1.00	1.00	1	NT	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	2,500	1,000	56	NT	NT	NT	NT	NT	NT	NT	NT	NT
Fluorene	2,500	1,000	56	NT	NT	NT	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	7.80	1.00	1	NT	NT	NT	NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	2,500	474	9.8	NT	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	2,500	1,000	56	NT	NT	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	2,500	1,000	40	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pyrene	2,500	1,000	40	NT	NT	NT	NT	NT	NT	NT	NT	NT
PAHs - (self-implementing)												
splp - pah (ug/l)			GWPC X 10									
Acenaphthene	~	~	4200	NT	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	~	~	4200	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	~	~	20000	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	~	~	0.6	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene	~	~	2.0	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	~	~	0.8	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	~	~	2100	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene	~	~	5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chrysene	~	~	48	NT	NT	NT	NT	NT	NT	NT	NT	NT
Dibenz(a,h)anthracene	~	~	5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT
Fluorene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	~	~	5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	~	~	49	NT	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	~	~	2800	NT	NT	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	~	~	2000	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pyrene	~	~	2000	NT	NT	NT	NT	NT	NT	NT	NT	NT
Method 600/R-93/116												
Asbestos	~	~	~	NT	NT	ND	ND	ND	Chrysotle - trace	ND	NT	NT
cyanide-tot sldg (mg/kg dry wt)												
Cyanide - None detected	41000	1400	~	NT	NT	NT	NT	NT	NT	NT	NT	NT
etph dry weight (mg/kg dry weight)												
Extractable TPH (ETPH)	2,500	500	2500	1,700	41	NT	NT	NT	NT	NT	NT	NT
solids (percent) (%)												
Solids, total	~	~	~	88.4	74.4	NT	NT	89.5	74.8	64.5	79.6	79.7