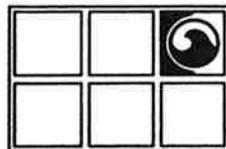


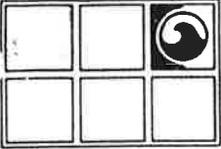
**Attachment 6b**

**GroundWater Technology, Inc.  
December 1995, Modified Phase I**

**MODIFIED PHASE I  
ENVIRONMENTAL SITE ASSESSMENT  
AND COMPLIANCE AUDIT  
ATLANTIC WOOD INDUSTRIES, INC.  
ATHENS, NEW YORK**



**GROUNDWATER  
TECHNOLOGY ®**



**GROUNDWATER  
TECHNOLOGY®**

Groundwater Technology, Inc.

600 Clubhouse Drive, Floor 2, Moon Township, PA 15108 USA  
Tel: (412) 299-0933 Fax: (412) 299-0461

**MODIFIED PHASE I  
ENVIRONMENTAL SITE ASSESSMENT  
AND COMPLIANCE AUDIT  
ATLANTIC WOOD INDUSTRIES, INC.  
ATHENS, NEW YORK**

GTI Project 040030484-01

December 1995

Prepared for:  
**Gilberg & Kurent  
Attorneys at Law**  
1250 Eye Street, N.W.  
Washington, D.C. 20005

Groundwater Technology, Inc.  
Submitted by:

David King  
Project Manager

Groundwater Technology, Inc.  
Approved by:

Mark Urbasik  
General Manager/Pittsburgh Operations

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Compliance Audit

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- C. EDR and VISTA Report
- D. Correspondence Related to Spill
- E. Chemical List
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- G. Boring Logs for P-1, P-2 and P-5
- H. Soil Analytical Results
- I. Plant Well Analytical Results
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## 1.0 INTRODUCTION

Groundwater Technology, Inc.(GTI) was requested by Gilberg & Kurent, Attorneys for Atlantic Wood Industries, Inc. (AWII) to perform a Modified Phase I Environmental Site Assessment and Compliance Audit of AWII's facility located in Athens, New York for a prospective buyer, Northeast Treaters, Inc.

### 1.1 Purpose

The purpose was to identify, to the extent feasible, recognized environmental conditions in connection with the property pursuant to the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

As defined by ASTM, recognized environmental conditions are the presence or likely presence of any hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into ground, groundwater, or surface water of the property. The term is not intended to include *de minimus* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The ASTM standard requires a 50-year title review or other documentation indicating the prior use of the property. Because the history of the site is documented elsewhere, this task was not performed. Also, soil sampling is not required under the ASTM standard, but was performed to evaluate site soil quality.

### 1.2 Special Terms and Conditions

This project has been performed in accordance with GTI's General Terms and Conditions, on behalf of Gilbert & Kurent for AWII.

### 1.3 Limitations and Exceptions

Findings presented are based upon: (1) visual review of accessible areas of the property and surrounding grounds, (2) interviews with available personnel familiar with the subject property, and (3) review of available public information and plant files.

## 1.4 Limiting Conditions and Methodology Used

The information gathered and the findings included herein are based upon the following activities:

- Information obtained from the review of records at the AWII corporate headquarters on August 10, 1994.
- Interviews with personnel familiar with the site on August 10, 1994 and October 9 and 10, 1995.
- A review of available maps, photos, and public records.
- A review of environmental records at the site on October 10, 1995.
- A site walk-over and soil sampling by David King of GTI on October 9 and 10, 1995.
- Geoprobe soil sampling on October 30, 1995.
- Additional sampling activities on November 16, 1995. Representatives during the sampling activities were AWII, GTI, Northeast Treaters, Inc. and GZA GeoEnvironmental, Inc. (GZA), Northeast Treaters, Inc.'s environmental consultant.
- A review of state and federal databases.

## 2.0 SITE DESCRIPTION

### 2.1 Location

The Athens plant is situated on approximately 13 acres of land in Greene County, New York. Approximately eight acres are currently being utilized by the wood treating operation. The other five acres are undeveloped. A site topographic map (Figure 1) shows the location of various buildings and process areas.

### 2.2 Site Vicinity and Characteristics

The facility, which is located in a mostly rural area, is bounded by agriculture land to the north; a distributor/maintenance garage and wooded land to the east; County Route 28 to the south; and Central Hudson Electric and Gas Company property to the west.

### 2.3 Site Geological Characteristics

The predominant soils in the vicinity consist of dark brown to dark gray clay and silty clay. According to historical data the clay exists consistently to the bedrock surface. The bedrock in the vicinity of the site is shale and is estimated to exist at depths ranging from 60 feet to 100 feet.

## 2.4 Surface Water

The nearest surface water is Murderers Creek, which is located approximately 1.6 miles north of the site.

Surface runoff from the facility is towards the west through an underground storm culvert and a ditch that passes the east side of the maintenance building and then east through the undeveloped land on the north portion of the property. Both of these stormwater outfalls run through a New York designated wetlands area which appears to be located approximately 100 feet from the property and then under the Conrail tracks which border the west side of the property. Stormwater then flows north to Murderers Creek.

## 2.5 Wetlands Area

There is a NYSDEC-designated wetland which appears to be located approximately 100 feet from the west side of the property. There also are two small areas (approximately 0.2 acres) on the facility that are wet and are vegetated with tall grasses (*Fragmites sp.*) and cattails. One area is located where the stormwater culvert discharges on the west side of the property. The other area is located near the plant well. NYSDEC has the discretion to require Wetlands Mitigation Permits for activities that impact wetlands smaller than 12.4 acres. For larger areas, permits are required for any activity such as draining, dredging, excavating, filling; erecting any structure, road, or other obstruction within 100 feet of a wetland border.

## 2.6 Structures, Roads and Other Improvements

There is a compacted gravel driveway that provides access to the property from County Route 28. The driveway spreads out shortly after the facility entrance and leads to the untreated and treated wood storage yards that surround the various buildings. Structures include a large metal building, which contains the office; process tanks; treating cylinder; dry kiln and drip pad; a concrete block boiler building; a metal building housing dry wood storage, the maintenance shop and plant vehicles; a metal building where the wood stacking machine is located; a metal roofed shed covering the 18,000 gallon diesel fuel tank; and other small fuel tanks. The areas surrounding the structures are mostly compacted gravel and stone approximately 6 to 30 inches thick. Photo documentation is provided in Appendix B.

Electrical service is provided by Central Hudson Gas & Electric Corporation, public water is supplied by the village of Athens; and sewage is provided by an on-site septic system. There is one on-site well which is used for process water.

## 2.7 Current Use Information

The facility was built in the mid-1970s by Koppers Company, Inc. (Koppers) for Cross, Austin, and Ireland Lumber Company to produce chromated copper arsenate (CCA) cross ties for the New York subways. In 1978, the plant was purchased by AWII.

The plant operates as a dimensional lumber CCA treating facility. Most lumber enters the facility by railcar, and after processing, is shipped to commercial buyers by truck.

The process area consists of one steam kiln, one fuel oil-fired boiler for steam, one 18,000-gallon No. 2 fuel oil tank, three 18,000-gallon CCA work tanks, one 2,500-gallon water tank, one 4,500-gallon CCA concentrate pad, and one 6 ft. diameter x 80 ft. long treatment cylinder with an associated concrete drip pad. Also, located at the plant are one 275-gallon No. 2 heating oil tank; one 550-gallon diesel tank, one 300-gallon gasoline tank, and one 300-gallon kerosene tank.

In a typical operation, dimensional lumber is dried in the on-site steam kiln until the desired moisture content is obtained, or kiln dry lumber is purchased. The lumber is then placed on trams, pressure treated in the cylinder, removed to the covered drip pad until dripping ceases (minimum of 72 hours), and stored in a designated storage area until shipment. The drip pad, process tanks and cylinder are located inside a heated building to prevent precipitation from entering these areas. Drillage from opening the cylinder door and from treated wood onto the drip pad is routed to the door sump and then returned to the process. Process water (primarily seal water from the vacuum pump) is collected in the large concrete sump area at the back of the cylinder and returned to the process.

Chemicals are stored in drum storage areas (maintenance building or boiler building). CCA concentrate and treating solutions are stored in aboveground tanks inside the large metal building. The regular work force consists of 12 employees, four salaried and eight hourly.

## 3.0 RECORDS REVIEW

Pertinent, available environmental database information was obtained from Environmental Data Resources (EDR). The data was reviewed for occurrences on or near the site that may have had adverse environmental impacts on the property. Information contained in the report is summarized below. A copy of the complete EDR report is included as Appendix C.

The AWII facility was identified on five databases. There are two entries for the Athens AWII plant on the aboveground storage tank (AST) database. There is no information provided to indicate that there have been environmental concerns associated with the ASTs.

The site is also listed on the Resource Conservation and Recovery Information System (RCRIS) - Large Quantity Generator (LQG) database; the Facility Index System (FINDS) database; the Toxic Chemical Release Inventory System (TRIS) database; and the Corrective Action Report (CORRACTS) database. The RCRIS LQG entry indicates only that the facility is a large quantity generator of hazardous waste. The FINDS database contains facility information as well as "pointers" to other sources that contain more detail. This entry appears to be because of the listing of the site on other databases. The TRIS database identifies facilities which report under SARA Title III, Section 313 (Form R). AWII submits Form R reports annually. The CORRACTS database identifies hazardous waste handlers with Resource Conservation and Recovery Act (RCRA) corrective action activity. The entry indicates that a RCRA Facility Assessment (RFA) has been completed. AWII has not been contacted subsequent to the completion of the RFA.

*Check this out!*

The AWII facility was not identified on any of the following environmental databases for the search radius indicated:

NPL:	National Priority List (1-mile radius)
Delisted NPL	Former NPL Sites (Target property)
NPL Liens	Superfund Liens (Target property)
RCRIS-TSD	RCRIS Treatment, Storage and Disposal Facilities (1-mile radius)
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability (Superfund) Information System (0.5-mile radius)
CERC-NFRAP	Superfund No Further Remediation Actin Required (Target property)
NY Hazardous Waste	Inactive Hazardous Waste Disposal Sites in New York (1-mile radius)
State LF	Solid Waste Disposal Facilities and Landfills (0.5-mile radius)
LUST	Leaking Underground Storage Tanks (0.5-mile radius)
UST	Registered Underground Storage Tanks (0.25-mile radius)
RAATS	RCRA Administrative Action Tracking System (Target property)
RCRIS - SQG	RCRIS Small Quantity Generators (0.25-mile radius)
HMIRS	Hazardous Materials Information Reporting System (Target property)
PADS	PCB Activity Database System (Target property)
ERNS	Emergency Response Notification System (Target property)
TSCA	Toxic Substances Control Act (Target property)
MLTS	Material Licensing Tracking System (Target property)
NY Spills	Hazardous Materials Spills in New York (Target property)
RODS:	Records of Decision (Target property)
CONSENT	CERCLA Consent Decrees (Target property)

Due to inadequate address information, the location of some facilities cannot be determined. If such facilities may be within a search radius, it is listed in the EDR report Executive Summary as sites not mapped and within the report on the Orphan Summary. A total of 41 sites are listed. None of the

listed sites is located within a designated search radius for the database listed. There is no indication that any of these sites has had an adverse environmental impact on the AWII facility.

The EDR report also contains a topographic map showing the contours of the property and surrounding area. Identified on the map are the nearest public drinking water well and nearby federal and state groundwater wells.

Page 3 of the report provides additional geological information, groundwater flow information, well location and depth information, and area radon information. Pages A1 through A6 provide additional public drinking water well and federal and state groundwater well information.

An August 19, 1994, VISTA Environmental Information, Inc., Facility Risk Profile report was reviewed. The report contains site specific information from the search of 18 federal and 14 state environmental databases. In addition to general information contained in the EDR report, the VISTA report provides the following information:

- A total of eight aboveground storage tanks have been registered. Four are process-related tanks and the other four contain kerosene, unleaded gas, diesel fuel, and fuel oil.
- AWII is identified as a transporter of hazardous waste. According to AWII, this information is incorrect. AWII has never transported hazardous waste.
- On May 2, 1990, the facility reported a spill of approximately three pounds of arsenic pentoxide to the soil. This spill cleanup was conducted under the oversight of NYSDEC. A letter from NYSDEC, dated August 21, 1990, stated that AWII had completed the cleanup. A copy of this letter and related correspondence is included in Appendix D.
- The facility is in compliance with RCRA, has had no violations, and has had no EPA or state enforcement activities.

The spill incident is discussed in Section 4.10 of this report. A copy of the VISTA report is in Appendix C.

The review of database information did not reveal any indication of significant adverse environmental impacts to the property.

## 4.0 INFORMATION FROM SITE RECONNAISSANCE AND INTERVIEWS

### 4.1 Hazardous Substances in Connection with Identified Uses

Hazardous substances used at the facility include CCA solutions, #2 fuel oil, gasoline, kerosene, propane, lubricating oils, hydraulic fluids, antifreeze, boiler chemicals, and other chemicals. A complete list is included in Appendix E.

### 4.2 Hazardous Substance Containers

There are three drum storage areas at the facility. Drums of lubricating oils, hydraulic fluids, antifreeze and waste motor oil are stored in the maintenance building. Boiler chemicals are stored in the boiler house and hazardous waste is stored in the process storage tank building. Drums observed in these areas were found to be labeled, except for four waste oil drums, and not leaking. No hazardous waste drums were on-site during the walk-over on October 9 and 10, 1995.

### 4.3 Storage Tanks

#### 4.3.1 Aboveground Storage Tanks (ASTs)

All ASTs have some type of secondary containment. The cylinder and four CCA process tanks are located in the large metal building. It appears that any spillage in this area would be contained in the building and flow on the concrete floor to the large sump behind the cylinder. The large #2 fuel oil tank is contained by a concrete dike and floor. The small diesel, gasoline and kerosene tanks, located adjacent to the large No. 2 fuel oil tank, are all contained by individual steel boxes. The small No. 2 heating oil tank, also contained by a steel box, is located in the boiler building. The water tank did not have secondary containment but only stores well water. This is an 18,000-gallon horizontal tank. All tanks were painted and appeared sound.

There was some minor visual staining on the concrete floor near the process tank area and near the southern wall of the building. During the November 16 sampling activities, the southern outside wall of the building housing the CCA process tanks was visually inspected by GTI and GZA. No visual staining was noted on the outside wall and, therefore, at the direction of GZA no soil sampling was performed in this area.

Tanks present at the facility include:

<u>Tank</u>	<u>Contents</u>	<u>Approx. Capacity (Gallons)</u>
3 Work Tanks	CCA solution	18,000/each
1 Concentrate Tank	CCA solution	4,500
1 Make-up Water Tank	makeup water	2,500
1 Fuel Oil Tank	No. 2 fuel oil	18,000
1 Heating Oil Tank	No. 2 heating oil	275
1 Gasoline Tank	unleaded gasoline	300
1 Kerosene Tank	kerosene	300
1 Diesel Tank	diesel fuel	550
1 Water Tank	water	18,000

Tank capacities were provided by AWII.

The small diesel, gasoline and kerosene tanks referenced above were previously located approximately 100 feet southwest of their current location. One soil sample was collected in this previous location. See Section 4.7 for further discussion.

#### **4.3.2 Underground Storage Tanks (USTs)**

Currently, there are no USTs being used on-site. Historically, one UST was used to store CCA process water until 1982 or 1983. In 1985, this tank was emptied and cleaned, filled with sand, and remains on-site. According to AWII, this tank was in good condition and did not show evidence of leaks at closure. The approximate location of this UST is shown on Figure 1. There are no UST installations planned and there have reportedly been no environmental issues or concerns associated with the sand-filled UST. This information was obtained from interviews with AWII personnel.

One soil sample was taken near the closed-in-place UST. See Section 4.7 for further discussion.

#### **4.4 Indications of PCBs**

There are two on-site transformers owned by Central Hudson Gas and Electric Corporation (Hudson). A letter from Hudson dated October 19, 1989, stated that the transformers did not contain PCBs. No signs of leakage from the transformers were noted during the walk-over. According to AWII, there is no PCB-containing equipment on-site. The transformer locations are shown on Figure 1.

## **4.5 Indications of Solid Waste Disposal**

### **4.5.1 Hazardous Waste**

Hazardous wastes generated include F035, D004, and D007. F035 is defined as "Wastewater (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium..." D004 and D007 are hazardous wastes exhibiting the toxicity characteristic for the heavy metals of arsenic and chromium, respectively.

The CCA process generates approximately one to two drums of hazardous waste per month. These drums are stored in the process tank building until they can be shipped to an approved off-site disposal facility. The waste is shipped within the accumulation times specified in 40 CFR 262.34; therefore, the facility is not classified as a treatment, storage, or disposal facility. No hazardous waste drums were on-site during the site walk-over on October 9 and 10, 1995.

### **4.5.2 Waste Motor Oil**

Waste oil is generated by normal maintenance of equipment and is stored in 55-gallon drums. The current waste oil contractor, Maincare, located in Albany, New York, collects the waste oil for recycling. During the site walk-over, four drums of waste oil were stored in the maintenance building. These drums were not labeled. AWII has indicated that since the site visit in October, these drums have been labeled and picked up by the waste oil contractor.

### **4.5.3 Sewage**

Nonhazardous rinse water, sink drains, and sanitary wastewater discharge to the on-site septic tank.

### **4.5.4 Wood Sawdust**

A small pile of untreated wood sawdust located just north east of the maintenance building was noted during the site walk-over.

### **4.5.5 Scrap Metal, Steel Banding and Wood**

Two piles of scrap steel banding and wood were observed in an undeveloped portion of the facility property, west of the maintenance building. Also in this area were a pile of duct pipe, large control panels, scrap metal and wood. The scrap piles were removed during the week of November 6, 1995, and transported off-site to a local landfill or scrap metal recycler. See Figure 1 for approximate location of former scrap piles.

Four soil samples were taken in the area discussed above and the analytical results are presented in Section 4.7.

#### **4.5.6 Unused Treating Cylinder**

A treating cylinder which had been moved to the facility from another location was located on the east side of the office and CCA process building at the time of GTI's initial site visit. According to AWII, this cylinder had never been a part of the CCA process. It was originally brought to the site with the intent to use it as a second treating cylinder, but was never installed. Since the site visit on October 10, 1995, AWII has cut up the cylinder and sold it to a scrap metal recycler. A small section of the back end of the cylinder was saved and shipped to AWII's Hainesport, New Jersey facility.

#### **4.5.7 Boiler Stack**

Visually stained soil was observed at the base of the boiler stack during the October 10 site walk-over. The staining appeared to be caused by soot washing out of a drain at the base of the stack, intended to prevent the buildup of condensation/precipitation in the stack elbow. On November 16, 1995, one sample was collected from the stained soil for analysis. See Section 4.7 for further discussion.

### **4.6 Cylinder Charging and Drip Pad Area**

There is one CCA treating cylinder (6 feet in diameter and 80 feet in length) located inside the large metal building. The concrete floor under the cylinder drains to a large concrete sump area located at the rear of the cylinder. The drip pad is believed to have been constructed in 1976 and it was expanded in 1981 and again in 1984. The drip pad in front of the cylinder is 52 feet by 197 feet and is 40 feet by 38.5 feet on the west side of the cylinder. All joints and non-bridgeable cracks in the concrete have been cleaned and sealed. The concrete drip pad is coated with an epoxy-based, penetrating sealer. Both the joint sealer and the penetrating sealer have been demonstrated compatible with CCA treating solutions. The drip pad is located inside the large heated metal building. A professional engineer's report (Appendix F) dated November 21, 1995, certifies that the drip pad meets the design requirements of 40 CFR 265.443(a) through (f). The drip pad was clean and did not have an accumulation of drippage during the site walk-over.

On November 16, 1995, a section of the concrete pad was removed where representative cracks were observed in the pad, to allow inspection of the slab and sampling of the underlying soils. The results are discussed in Section 4.7.

## 4.7 Soil Sampling

The purpose of the soil sampling program was to identify the presence (if any) of chemical constituents associated with facility operations and evaluate soil and groundwater quality at the facility.

### 4.7.1 Surface Soil Sampling

The surface soil sampling occurred on October 10, 1995. A total of ten surface soil samples (SS-1 through SS-10) and two background surface soil samples (BSS-1 and BSS-2) were collected. All of the surface soil samples were collected below the compacted gravel fill material (the first six inches of soil encountered) in the treated and untreated wood storage yard. The gravel fill material ranges in thickness from approximately 6 inches to 30 inches. See boring logs presented in Appendix G for examples of the compacted gravel fill zone encountered at the site.

A backhoe was used to scrape away the gravel fill to allow for sampling of the native surficial soils. Three soil samples (SS-1, SS-2, and SS-3) were collected with a stainless steel hand auger. The hand auger was decontaminated between each sampling location. The remaining seven soil samples (SS-4 through SS-10) were collected with trowels. A new laboratory-cleaned trowel was used at each location to collect the soil sample. The soil samples were analyzed for arsenic, total chromium, and copper analyses (both total and TCLP). An equipment blank was collected from the stainless steel hand auger. Sampling locations and sample collection intervals are shown on Figure 1.

Additional soil samples were collected from backhoe pits or surface soils at the facility on November 16, 1995. Sampling locations were selected and sampling was overseen by Mr. Lee Rhea of GZA. One test pit sample (SS-11) was collected from the top of the clay in the area where the fuel ASTs were originally located and one surface soil sample (SS-25) from an area where soot was apparently washed by precipitation from the boiler stack; both of these samples were submitted for total petroleum hydrocarbons (TPH) analysis.

The remaining November 16, 1995 samples were submitted for arsenic/total chromium/copper analyses (both total and TCLP). Test pit samples were collected from the top of the clay in two locations immediately west of the fixation building (SS-23 and SS-24), and from the clay unit at a depth of approximately 9.5 to 10 feet adjacent to the closed-in-place UST (SS-15). Composite samples were collected from the upper clay to the ground surface in two areas of the storage yard (SS-16 and SS-17, immediately adjacent to SS-2 and SS-7, respectively) and from four locations in the former scrap steel banding piles area (SS-18, SS-19, SS-20 and SS-21). One additional composite sample (SS-22) was collected immediately adjacent to the northeast corner of the

maintenance shop; this sample was not submitted for analysis at the direction of GZA. Sample collection intervals for the November 16, 1995 sampling event are also shown on Figure 1.

#### **4.7.2 Geoprobe Soil Sampling**

The Geoprobe sampling occurred on October 30, 1995. The original objective was to install 6 to 8 piezometers at various locations across the plant and collect groundwater samples from each location. Soil samples were collected with the Geoprobe prior to installation of a piezometer to classify the underlying soils. During the sampling of P-2 and P-5 it was determined that a dense, olive-brown silty clay existed below the gravel fill to a depth of 13 feet and 16 feet, respectively. Below the olive-brown silty clay a dark blue-gray silty clay was consistently present to the termination depth of 30-feet (P-2) and 24-feet (P-5). A soil sample was also collected from 20 to 22 feet at P-1 to verify the existence of the dark blue silty clay. The blue gray silty clay at each of the three locations was soft and moist, but did not produce any appreciable amount of water. See Appendix G for borings logs of P-1, P-2 and P-5.

Two one-inch piezometers were installed at the P-2 and P-5 locations to verify the lack of groundwater present in the blue gray clay. The piezometers were installed to an approximate depth of 18 feet below ground surface. Due to the soft nature of the clay, it was not feasible to install the piezometers any deeper without the use of hollow-stem augers. The piezometers were allowed to stand overnight. The piezometers were checked in the morning of October 31, 1995. Some water had accumulated in the piezometers overnight, but the total volume recovered amounted to less than 160 mL when purged. This volume was insufficient to analyze for the parameters of interest. Moreover, standard operating procedures for groundwater monitoring generally requires purging and disposal of a minimum of three to five well volumes prior to collection of groundwater for laboratory analysis. Additional attempts were made to recover water from P-2, but after the initial purge, groundwater did not recover in the piezometer.

Due to the absence of appreciable groundwater present in the clay, the initial plan to install a network of piezometers was abandoned. The focus of the investigation returned to the surficial soils. Two soil samples were collected from 3 to 5 feet at P-1 and P-2, to further characterize the subsurface soils near the process area. The soil samples were collected with the Geoprobe, using new acetate sleeves inside of the Geoprobe sampling apparatus. The soil samples were analyzed for the same parameters as the surface soil samples collected on October 10th. An equipment blank (EB-1) was collected from a new acetate sleeve. Sampling locations and sample collection intervals are shown on Figure 1.

### Conversation with Local Well Driller

On October 31, 1995, the on-site hydrogeologist for GTI had a conversation regarding local geology with the owner of Stewarts Drilling Company (Stewarts). Stewarts was the drilling contractor that reamed the existing plant water supply well from its initial depth of 200 feet to 300 feet in bedrock. The following are several important points that were acquired from the conversation.

- The blue-gray clay is consistently present to the top of the shale bedrock, with the exception of occasional thin gravel lenses occurring at the clay-shale interface.
- The bedrock in the vicinity of Athens is dipping towards the west, with an approximate depth ranging from 60 feet to 100 feet.
- To have any potential to product groundwater, gravel lens would have to be present above the shale, and a well would have to be screened across the gravel lens.

The above points support the determination that further attempts to collect groundwater samples from overburden materials would likely be unsuccessful. Furthermore, the silty clay overburden does not appear to act as a water-bearing unit in this area.

#### **4.7.3 Sampling Beneath the Drip Pad**

On November 16, 1995, a section of the concrete drip pad, approximately 30 by 50 inches in dimension, was cut and lifted from the surrounding drip pad to allow inspection of the pad cross-section and inspection/sampling of the soils beneath the pad. The location was selected by Mr. David Reed of Northeast Treaters, Inc., and was in an area where several (previously chased and caulked) cracks intersected. The concrete was cut using a water-cooled rotary concrete saw, and the cut section was lifted out using bolts/anchors and a chain. The concrete was inspected in and around the areas of the cracks, and photographs were taken. The soil materials immediately beneath the concrete consisted of compacted bank-run type shale. Photographs of the removed slab are included in Appendix B.

Traces of the cracks were noted on the soil surface upon removal of the concrete; it appeared that these traces may have been due to preferential movement of water containing concrete fines from the cooling of the concrete saw blade. Three soil samples were collected from beneath the removed section of concrete. Sample SS-12 was collected from the soil surface along the predominant crack trace, in approximately the center of the removed slab. Sample SS-13 was collected from the soil surface in the southeastern corner of the removed slab, away from cracks/crack traces. Sample SS-14 was collected from a depth of 6 to 9 inches beneath the soil surface, in the same area (along a crack trace) as SS-12. These three samples were submitted for arsenic/total chromium/copper analyses (both total and TCLP).

#### **4.7.4 Summary of Sampling Results**

A total of twenty-three surface soil samples (SS-1 through SS-11 and SS-16 through SS-25), two background surface soil samples (BSS-1, BSS-2), and three subsurface soil samples (P-1, P-2 and SS-15), and three samples (SS-12, SS-13 and SS-14) collected beneath the drip pad were submitted for analysis. All soil samples, except SS-11 and SS-25, were analyzed for the following parameters:

- Total Arsenic (Method 7060)
- Total Chromium (Method 6010)
- Total Copper (Method 6010)
- TCLP Arsenic (Method 6010)
- TCLP Chromium (Method 6010)
- TCLP Copper (Method 6010)

Samples SS-11 and SS-25 were analyzed for total petroleum hydrocarbons (gasoline, diesel and kerosene) only. Complete laboratory data packages are presented in Appendix H.

Analytical results for soil samples are summarized in Table 1. To provide an understanding of the significance of the constituent concentrations observed, Table 1 also presents the applicable recommended NYSDEC cleanup objectives associated with the detected constituents. These values are presented in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) for determining soil cleanup objectives (November 16, 1992). The recommended NYSDEC cleanup objectives are not regulatory standards or criteria or reporting requirements. However, they represent the most conservative values that are protective of human health or of groundwater quality. For arsenic, chromium and copper, the values represent background concentrations. However, they fail to account for site-specific conditions. The TAGM allows for the use of site-specific background concentrations in place of the values presented in the table. TAGM also provides guidance for developing levels protective of human health.

In addition to the recommended NYSDEC cleanup objective, baseline concentrations of arsenic, chromium, and copper for New York soils as published in "Elements in North American Soils" (Dragun, J., 1991), are provided in the table. In instances where these background concentrations are greater than the NYSDEC objectives, they provide a more appropriate basis of comparison for determining if a site is impacted.

Analytical results for the two background surface soil samples (BSS-1 and BSS-2) showed arsenic concentrations below the non site-specific NYSDEC cleanup objectives; however, the copper and chromium objectives were above in both samples (see Table 1). Although the non site-specific NYSDEC cleanup objectives for these constituents were exceeded in some samples, the concentrations were within the ranges of baseline concentrations for New York soils as published in Dragun (1991). In evaluating the soil data, the greater of the site-specific background or the

NYSDEC objective should appropriately be used. For arsenic, the NYSDEC objective should be the basis and for chromium and copper, the site-specific background should be the basis.

Analytical results for the remaining soil samples showed exceedances of the non site-specific NYSDEC arsenic objectives by samples collected from several locations (see Table 1). However, individual sample exceedances of the non site-specific NYSDEC cleanup objective do not necessarily suggest an impact of concern. Statistical comparisons to appropriate concentrations (objective or background) can be used to determine whether impact is statistically significant, and should, therefore, be evaluated in greater detail.

In accordance with the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) addressing soil cleanup objectives, soil data were statistically compared to site-background concentrations. A one-sided t-test for independent samples was conducted for arsenic, chromium and copper concentrations. All soil data, surface, subsurface and samples below the drip pad, were pooled together to determine if the mean concentration was significantly greater than the mean background concentration. The results of the test indicate that the mean metals concentrations are not significantly greater than the site-specific background concentrations (Table 2).

The TCLP analytical results for soil samples are also summarized in Table 1. TCLP analysis is designed to determine the mobility of both organic and inorganic analytes in liquids and solids and determine if the soil should be classified as a "characteristic hazardous waste." The Environmental Protection Agency's TCLP regulatory levels for arsenic and chromium are both 5.0 mg/L. Copper does not have a TCLP regulatory level. All arsenic and chromium TCLP analysis for the soil samples were below the analytical detection limits (0.03 mg/L and 0.01 mg/L). Copper TCLP analysis for soil samples were below or near the analytical detection limit (0.01 mg/L). These results indicate the inorganic constituents detected in facility soils are relatively immobile in the environment.

The removed portion of the drip pad and underlying soils were inspected for evidence of chemical migration through the cracks prior to chasing/caulking. Based on past experience, this inspection focused on the presence of any green staining on the concrete or soils. Penetration of any green staining into the drip pad surface was evaluated by examining the cross-section at the saw cuts; very little penetration (approximately 1/4 inch) was noted. Green staining was noted in some, but not all, of the cross-sections of the cracks; this staining, where present, extended a maximum of two inches into the cracks from the drip pad surface. No green staining was noted to extend through the entire drip pad thickness, either in cracked cross-sections or where a portion of the removed slab was broken away at the crack lines. Faint crack traces were noted at the soil surface; these are believed to have been caused by the water containing concrete fines from the water-cooled saw blade. No green staining was noted on the gravel materials beneath the drip pad.

While arsenic, total chromium and copper were detected in the sample (SS-12), directly beneath the observed cracks in the removed section of the drip pad, sample SS-13 (away from the cracks) and sample SS-14 (6 to 9 inches below the cracks) show significantly lower levels. This indicates that if, prior to sealing the cracks, any CCA chemical actually moved through the cracks to the underlying soils, it remained localized and did not migrate appreciably either laterally or vertically.

Analytical results presented in Table 1 for samples SS-11 and SS-25 show that gasoline, diesel and kerosene were not detected in samples collected from the previous gasoline, diesel and kerosene tank location, nor in the stained soil observed at the base of the boiler stack.

#### **4.8 Plant Well Water Sampling**

The plant water supply well is known to be approximately 300 feet deep, with open hole construction in bedrock. The well is used to supply process water for the plant. A groundwater sample from the plant well was collected on October 31, 1995, and labeled AWEIGH-1. Prior to sampling, the well was allowed to purge for 90 minutes at an approximate flow rate of 1.3 gallons per minute. The well was sampled for the following parameters: total arsenic, total chromium, total copper, dissolved arsenic, dissolved chromium, and dissolved copper.

The analytical results for AWEIGH-1 are presented in Table 3. Each of the total and dissolved values for arsenic, chromium, and copper were below detection limits. The detection limits for arsenic, chromium and copper are 0.01 mg/L, 0.01 mg/L, and 0.01 mg/L, respectively. In comparison, the values presented in the NYSDEC groundwater cleanup standards for arsenic, chromium, and copper are 0.025 mg/L, 0.05 mg/L, and 0.2 mg/L, respectively. Complete laboratory data package is included in Appendix I.

#### **4.9 Surface Water Monitoring Data**

The facility was issued SPDES General Permit Number GP-93-05, Storm Water Discharge Associated with Industrial Activity, by the New York State Department of Environmental Conservation (NYSDEC). The effective date of the permit was August 1, 1993 and the expiration date is August 1, 1998. Monitoring and sampling of the stormwater discharge is required. Four sampling events (December 11, 1992; November 1, 1994; June 26, 1995; and July 26, 1995) have occurred for the permitted outfall. The analytical results are included in Appendix A.

The current stormwater permit does not have discharge limits. Stormwater data indicates that total arsenic ranged from 0.18 to 0.90 mg/L, chromium from 0.097 to 0.82 mg/L and copper from less than 0.025 to 0.67 mg/L. The upper range for these total metals were from a sample taken on June 21, 1995, after a substantial rainfall and a long drought period, which resulted in the collection of a sediment-laden sample. These conditions may have contributed to the levels of total arsenic, chromium and copper obtained from this sampling event. The average dissolved concentrations for arsenic, chromium and copper in the December 1994 samples (duplicate) were 0.155 mg/L, 0.235 mg/L and less than 0.025 mg/L, respectively. Oil and grease results ranged from less than 5.0 mg/L to 22 mg/L.

#### 4.10 Other Conditions

On May 2, 1990, a small spill of CCA solution from the cylinder occurred onto the surficial soils. According to AWII, the impacted soils were removed and transport offsite to an approved landfill. The spill was reported to NYSDEC. NYSDEC provided oversight for the cleanup. A letter dated August 21, 1995 from NYSDEC states that based on soil sampling results, AWII could discontinue remedial activities. The area under the cylinder now has a concrete floor. Soil data collected at sample location P-1 and P-2, which is near the spill area, indicate concentrations of arsenic, chromium and copper to be in the range of background concentrations.

#### 5.0 FINDING AND CONCLUSIONS

A Modified Phase I Environmental Site of the AWII facility located in Athens, New York was performed in conformance with the scope and limitations of ASTM Practice E 1527, except that a 50-year title search was not performed. This assessment has revealed no evidence of recognized environmental conditions in connection with the property. However, at the request of Gilberg & Kurent, a number of soil samples were collected at the facility and analyzed for constituents which were considered to be good indicators of releases attributed to the operations of the facility. The NYSDEC TAGM (November 16, 1992) was used to assist in the evaluation of the analytical results. The TAGM allows the use of site-specific background concentrations in place of the "generic" cleanup objectives presented in the TAGM. For the inorganic constituents examined (arsenic, total chromium and copper), a statistical evaluation of the results were performed. This evaluation indicated that, even though some individual samples exhibited constituent concentration(s) which were higher than their respective non site-specific NYSDEC cleanup objective, when all site sample data is pooled (even including the data obtained from soils beneath the drip pad), the mean constituent concentrations are not significantly higher than the site-specific background.

The low to non-detectable concentration of arsenic, chromium and copper in the TCLP analyses indicate that these constituents are relatively immobile in the environment.

Analytical results associated with samples collected from the previous gasoline, diesel and kerosene tank location and the stained soil observed at the base of the boiler stack, showed that gasoline, diesel and kerosene were not detected in the samples.

In the opinion of Groundwater Technology, based upon our extensive knowledge of environmental conditions at wood preservation facilities, the results of the analyses performed should not be considered to be of environmental concern, nor are they indicative of conditions that would be expected to trigger either CERCLA or RCRA enforcement measures, or environmental agency reporting requirements.



**COMPLIANCE AUDIT**

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## **1.0 INTRODUCTION**

On August 10, 1994, Groundwater Technology, Inc. (GTI) (formerly Chester Environmental) performed a compliance audit of corporate environmental records for the Atlantic Wood Industries, Inc. (AWII) wood treating facility located in Athens, New York. This review was done at AWII's corporate headquarters in Port Wentworth, Georgia. In conjunction with a Phase I Modified Environmental Site Assessment requested by Gilberg & Kurent, Attorneys at Law, a follow-up compliance audit was performed at the facility on October 10, 1995.

## **2.0 COMPLIANCE AUDIT**

The information gathered and the findings included herein are based upon the following activities:

- The information obtained from the review of records at the AWII corporate headquarters on August 10, 1994;
- Interviews with personnel familiar with the site on August 10, 1994 and October 10, 1995.
- A review of environmental records at the site on October 10, 1995; and
- A site walk-over by David King of GTI on October 9 and 10, 1995.

The objective of the compliance audit was to review AWII's records to determine environmental compliance with federal, state and local regulations. A compliance audit checklist is included in Appendix J.

## **2.1 Summary of Findings**

### **2.1.1 Clean Air Act Issues**

Potential emission sources include the boiler, tanks, vents, kiln and cylinder. Currently, no air permits are required for these sources. There have been no odor complaints or other air issues to date uncovered by GTI's review or reported by AWII personnel. The Clean Air Act Amendments (CAAA) promulgated in 1990, require sweeping changes in the regulation of air emissions. Under these regulations, each facility must determine if the plant is a "major source", "synthetic minor source", or an "area source." To determine if the facility requires an air permit, an emissions inventory should be performed for these sources.

### **2.1.2 Clean Water Act**

Drinking water is supplied by the Village of Athens. There is one on-site well which is used to supply process water. The well does not require a permit. Sanitary discharge is to a septic system.

The facility was issued SPDES General Permit Number GP-93-05, Storm Water Discharge Associated with Industrial Activity, by the New York State Department of Environmental Conservation. The effective date of the permit was August 1, 1993 and the expiration date is August 1, 1998. A facility Storm Water Pollution Prevention Plan has been prepared and certified by a Professional Engineer (P.E.). Monitoring and sampling of the stormwater discharge is required by the SPDES permit. Stormwater samples have been collected in December 1992, November 1994, June 1995, and July 1995. The permit does not currently have any constituent discharge limits.

The facility has not received any water related notices of violation nor does it have any surface water or groundwater problems based on a review of records and interviews with AWII personnel.

### **2.1.3 Aboveground Storage Tanks**

Secondary containment is provided for the CCA process area tanks, the treatment cylinder, and the 18,000-gallon No. 2 fuel oil tank. The secondary containment consists of concrete walls and floor. The small diesel fuel (550 gallons), gasoline (300 gallons), kerosene (300 gallon) and No. 2 heating oil (275 gallons) tanks have secondary containment consisting of metal boxes. All tanks (diesel, gasoline, kerosene, and CCA) require I.D. numbers and must be registered with the State of New York. AWII has I.D. numbers and a registration certificate for all of these tanks.

The facility has a spill prevention plan on file. The plan was revised in August 1994 and is included in the facility's Contingency Plan. There have been no reportable spills since May 1990. This is based on interviews with plant personnel and the database search included in Appendix C.

### **2.1.4 Underground Storage Tanks**

Currently, there are no underground storage tanks (USTs) being used on-site. Historically, one UST was used. This tank has been emptied and cleaned, filled with sand, and remains on-site. There are no UST installations planned and there have reportedly been no environmental issues or concerns associated with the sand-filled UST. This information was obtained from interviews with AWII personnel.

### **2.1.5 Solid Waste**

Waste oil is generated and is stored in 55-gallon drums. The plant has a local waste oil contractor, Maincare, located in Albany, New York. Nonhazardous solid waste is collected on-site and transported

by Waste Management, Inc., to its landfill. The storage yard consists of a 12 to 30-inch compacted rock-base material which was brought on-site. Some scrap steel banding, duct pipe and large central panels had been placed in piles on the northwest portion of the property. This material has been removed and transported off-site for disposal, according to AWII. No other fill material has been used on-site and no solid waste has been burned on-site. This information was obtained from interviews with AWII personnel.

#### **2.1.6 Hazardous Waste**

**General** - Hazardous wastes generated include F035, D004, and D007. F035 is defined as "Wastewater (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol." D004 and D007 are hazardous wastes exhibiting the toxicity characteristic of the heavy metals of arsenic and chromium, respectively.

The facility is classified as a large quantity generator, i.e., it generates at least 1,000 kilograms (2,200 pounds) of hazardous waste per month. Waste is shipped within accumulation times specified in 40 CFR 262.34; therefore, the plant is not classified as a treatment, storage, or disposal (TSD) facility. The total amount of hazardous waste generated in 1994 was 16,560 pounds. This data is based on the annual generator report. The amount of hazardous waste generated monthly is normally below the 2,200 pounds per month limit. The NYSDEC views the facility as a small quantity generator, according to AWII. However, AWII complies with the RCRA requirements for a large quantity generator to ensure compliance in instances where the monthly limit is exceeded.

Hazardous waste manifests, the hazardous waste contingency plan, and annual reporting records were complete and accurate. However, during the compliance audit on October 10, 1995, it was discovered that the 1992 Annual Generator Report was not submitted. AWII indicated that in 1992, they did not generate more than 2,200 pounds of hazardous waste per month and thus, the New York Department of Environmental Conservation did not require an annual report. Storage area inspection records, and training records were complete and up to date. No hazardous waste drums were in storage during the site walk-over.

**RCRA Subpart W Requirements** - The state of New York has not adopted the RCRA Subpart W requirement for drip pads. However, AWII has upgraded the existing concrete drip pad to meet these requirements. The professional engineer's certification for the upgrade is included in Appendix F.

Documentation of weekly inspections of the drip pad were started in April of 1995.

### **3.0 SARA TITLE III**

SARA Title III requirements include providing employees access to Material Safety Data Sheets (MSDSs) for all hazardous substances used on-site; submitting annual Tier II reports for chemicals on-site in quantities exceeding defined thresholds; and submitting Form R reports for chemicals manufactured, processed, or otherwise used in annual amounts exceeding established thresholds. MSDSs are made available to facility employees and are easily accessible. Tier II reports and Form R reports were reviewed and no discrepancies were found.

### **4.0 PCBs/ASBESTOS**

There are two on-site transformers owned by Central Hudson Gas and Electric Corporation (Hudson). A letter from Hudson dated October 19, 1989, stated that the transformers do not contain PCBs. According to AWII, there is no PCB-containing equipment on-site and none was discovered during the site walk-over.

AWII has made a search for asbestos-containing material at the facility and none has been found to date.

### **5.0 SOLVENTS**

Solvents are not used at the Athens plant. This has been AWII's policy since 1985. No solvent material was discovered during the site walk-over.

### **6.0 SUMMARY**

In general, housekeeping and records were found to be in good order. A review of corporate and site records indicated the facility is complying with applicable environmental requirements.

TABLE 1  
SUMMARY OF SOIL ANALYTICAL RESULTS  
ATLANTIC WOOD INDUSTRIES, INC.  
ATHENS, NEW YORK

LOCATION DEPTH DATE COLLECTED WORK ORDER	NYSDEC Soil Cleanup Objective (mg/Kg)	BASELINE SOIL CONCENTRATION (mg/Kg)	NYSDEC						
			BSS-1 6-12" 10/10/95 9510283	BSS-2 6-12" 10/10/95 9510283	SS-1 6-12" 10/10/95 9510283	SS-2 12-18" 10/10/95 9510283	SS-3 14-20" 10/10/95 9510283	SS-4 16-22" 10/10/95 9510283	SS-5 15-21" 10/10/95 9510283
PARAMETER			range		mean				
Total Percent Solids	wt%		77	78	90	96	77	80	79
pH	Units		8.9	8.4	7.8	8.9	8.8	8.8	8.2
<b>TOTAL METALS</b>									
Arsenic	ppm	1.5-16	4.4	4.9	11.1	42.7	5.5	5.3	5.2
Chromium	ppm	7.0-100	33.8	32.1	15.6	50.0	27.3	31.3	29.1
Copper	ppm	3.0-70	33.8	32.1	25.6	42.7	32.5	26.3	27.8
<b>TCPL METALS</b>									
Arsenic	mg/L		<.03	<.03	<.03	<.03	<.03	<.03	<.03
Chromium	mg/L		<.01	<.01	<.01	<.01	<.01	<.01	<.01
Copper	mg/L		<.01	0.011	<.01	<.01	<.01	0.011	0.014

NOTES:

- o The NYSDEC Recommended Soil Cleanup Objectives that represent the most stringent value for protection of human health and protection of groundwater/drinking water standards. The NYSDEC TAGM allows for application of site-specific characteristics that may result in less stringent cleanup objectives. The recommended NYSDEC cleanup objectives are not regulatory standards or criteria or reporting requirements.
- o NYSDEC Recommended Soil Cleanup Objectives published in New York State Department of Conservation (NYSDEC) Hazardous Waste Remediation Division Technical and Administrative Guidance Memorandum (TAGM); Determination of Soil Cleanup Objectives and Cleanup Levels", HWR-92-4046, 16 Nov. 1992.
- o Baseline Soil Concentrations published in "Elements in North American Soils", James Dragan and Andrew Chlason, Hazardous Materials Control Resources Institute, 1991.
- o Results listed on dry weight basis.

TABLE 1 (Continued)  
 SUMMARY OF SOIL ANALYTICAL RESULTS  
 ATLANTIC WOOD INDUSTRIES, INC.  
 ATHENS, NEW YORK

LOCATION	DEPTH	DATE COLLECTED	WORK ORDER	NYSDEC Soil Cleanup Objective (mg/Kg)	BASELINE SOIL CONCENTRATION (mg/Kg)	UNITS	range		mean		SS-6 13-19" 10/10/95 9510283	SS-7 15-21" 10/10/95 9510283	SS-8 15-21" 10/10/95 9510283	SS-9 19-25" 10/10/95 9510283	SS-10 15-21" 10/10/95 9510283	SS-A (Dup SS-9) 19-25" 10/10/95 9510283	P-1 3-5' 10/30/95 9511002	P-2 3-5' 10/30/95 9511002
							min	max	min	max								
Total Percent Solids				wt%			82	78	82	79	79	79	79	79	78	80	77	
pH				Units			8.5	7.9	7.7	7.7	7.7	7.7	7.7	8.3	8.3	9.2	8.2	
<b>TOTAL METALS</b>																		
Arsenic				ppm	1.5-16	7.0	4.3	3.8	2.4	3.9	4.4	4.4	3.9	4.4	2.4	<0.63	10.6	
Chromium				ppm	7.0-100	34	26.8	29.5	29.3	32.9	27.8	27.8	32.9	27.8	34.6	21.2	28.6	
Copper				ppm	3.0-70	22	25.6	19.2	29.3	29.1	30.4	30.4	29.1	29.1	30.8	22.5	28.6	
<b>TCLP METALS</b>																		
Arsenic				mg/L			<.03	<.03	<.03	<.03	<.03	<.03	<.03	<.03	<.03	<.03	<.03	
Chromium				mg/L			<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	
Copper				mg/L			<.01	<.01	0.021	0.015	0.014	0.014	0.015	0.014	<.01	<.01	0.012	

NOTES:

- o The NYSDEC Recommended Soil Cleanup Objectives that represent the most stringent value for protection of human health and protection of groundwater/drinking water standards. The NYSDEC TAGM allows for application of site-specific characteristics that may result in less stringent cleanup objectives. The recommended NYSDEC cleanup objectives are not regulatory standards or criteria or reporting requirements.
- o NYSDEC Recommended Soil Cleanup Objectives published in New York State Department of Conservation (NYSDEC) Hazardous Waste Remediation Division Technical and Administrative Guidance Memorandum (TAGM); Determination of Soil Cleanup Objectives and Cleanup Levels", HWR-92-4046, 16 Nov. 1992.
- o Baseline Soil Concentrations published in "Elements in North American Soils", James Dragun and Andrew Chlissos, Hazardous Materials Control Resources Institute, 1991.
- o Results listed on dry weight basis.

TABLE 1 (Continued)  
SUMMARY OF SOIL ANALYTICAL RESULTS  
ATLANTIC WOOD INDUSTRIES, INC.  
ATHENS, NEW YORK

NYSDEC

LOCATION	Soil	SS-11	SS-12	SS-13	SS-14	SS-15	SS-16	SS-17
DEPTH	Baseline	12"				9.5-10'	0-14"	0-16"
DATE COLLECTED	SOIL	11/16/95	11/16/95	11/16/95	11/16/95	11/16/95	11/16/95	11/16/95
WORK ORDER	CONCENTRATION	9511178	9511178	9511178	9511178	9511178	9511178	9511178
	(mg/Kg)	UNITS						
PARAMETER			range	mean				
Total Percent Solids	wt%	NA	94	95	95	76	95	95
pH	Units	NA	8.4	8.1	8.0	7.8	7.8	8.0
<b>TOTAL METALS</b>								
Arsenic	ppm	NA	128	10.3	7.7	8.2	48.4	18.9
Chromium	ppm	NA	105	18.9	25.3	25	38.9	20
Copper	ppm	NA	34	15.8	20	27.6	31.6	22.1
<b>ICLP METALS</b>								
Arsenic	mg/L	NA	<.03	<.03	<.03	<.03	<.03	<.03
Chromium	mg/L	NA	0.028	<.01	<.01	<.01	<.01	<.01
Copper	mg/L	NA	0.010	0.011	0.016	<.01	0.014	0.012
<b>TOTAL PETROLEUM HYDROCARBONS</b>								
Volatiles	mg/Kg	<13	NA	NA	NA	NA	NA	NA
Semivolatiles	mg/Kg	<13	NA	NA	NA	NA	NA	NA

NOTES:

- o The NYSDEC Recommended Soil Cleanup Objectives that represent the most stringent value for protection of human health and protection of groundwater/drinking water standards. The NYSDEC TAGM allows for application of site-specific characteristics that may result in less stringent cleanup objectives. The recommended NYSDEC cleanup objectives are not regulatory standards or criteria or reporting requirements.
- o NYSDEC Recommended Soil Cleanup Objectives published in New York State Department of Conservation (NYSDEC) Hazardous Waste Remediation Division Technical and Administrative Guidance Memorandum (TAGM): Determination of Soil Cleanup Objectives and Cleanup Levels", HWR-92-4046, 16 Nov. 1992.
- o Baseline Soil Concentrations published in "Elements in North American Soils", James Dragan and Andrew Chlason, Hazardous Materials Control Resources Institute, 1991.
- o Results listed on dry weight basis.

TABLE 1 (Continued)  
SUMMARY OF SOIL ANALYTICAL RESULTS  
ATLANTIC WOOD INDUSTRIES, INC.  
ATHENS, NEW YORK

NYSDEC

LOCATION	Soil	BASELINE	SS-18	SS-19	SS-20	SS-21	SS-23	SS-24	SS-25
DEPTH	Cleanup	SOIL	0-12"	0-7"	0-13"	0-7"	2.8'	18"	Surface
DATE COLLECTED	Objective	CONCENTRATION	11/16/95	11/16/95	11/16/95	11/16/95	11/16/95	11/16/95	11/16/95
WORK ORDER	(mg/Kg)	(mg/Kg)	9511178	9511178	9511178	9511178	9511178	9511178	9511178
PARAMETER	UNITS	range	mean						
Total Percent Solids	wt%		84	71	74	72	77	78	NA
pH	Units		6.1	6.0	5.9	5.8	6.5	6.4	NA
<b>TOTAL METALS</b>									
Arsenic	ppm	1.5-16	22.6	6.3	16.2	9.2	5.7	6.5	NA
Chromium	ppm	7.0-100	31.0	32.4	32.4	30.6	29.9	30.8	NA
Copper	ppm	3.0-70	17.9	33.8	23	18.1	22.1	32.1	NA
<b>ICLP METALS</b>									
Arsenic	mg/L		<.03	<.03	<.03	<.03	<.03	<.03	NA
Chromium	mg/L		<.01	<.01	<.01	<.01	<.01	<.01	NA
Copper	mg/L		0.014	<.01	<.01	<.01	0.011	<.01	NA
<b>TOTAL PETROLEUM HYDROCARBONS</b>									
Volatiles	mg/Kg		NA	NA	NA	NA	NA	NA	<12
Semivolatiles	mg/Kg		NA	NA	NA	NA	NA	NA	<12

NOTES:

- o The NYSDEC Recommended Soil Cleanup Objectives that represent the most stringent value for protection of human health and protection of groundwater/drinking water standards. The NYSDEC TAGM allows for application of site-specific characteristics that may result in less stringent cleanup objectives. The recommended NYSDEC cleanup objectives are not regulatory standards or criteria or reporting requirements.
- o NYSDEC Recommended Soil Cleanup Objectives published in New York State Department of Conservation (NYSDEC) Hazardous Waste Remediation Division Technical and Administrative Guidance Memorandum (TAGM); Determination of Soil Cleanup Objectives and Cleanup Levels", HWR-92-4046, 16 Nov. 1992.
- o Baseline Soil Concentrations published in "Elements in North American Soils", James Dragan and Andrew Chibson, Hazardous Materials Control Resources Institute, 1991.
- o Results listed on dry weight basis.

<b>TABLE 2</b> <b>Statistical Evaluation of Soil Data</b> <b>Comparison of Soil Metals Concentrations to Site Background</b>				
	Background	Site	t	Significance
Arsenic	4.6 (0.4)	16.1 (26.6)	0.60	NS
Chromium	33.0 (1.2)	32.1 (16.9)	-0.07	NS
Copper	33.0 (1.2)	26.6 (6.3)	-1.39	NS

Values represent mean (standard deviation)

t-statistic compared to  $t(0.95, 23) = 1.714$  concentrations are greater than background if t-statistic is greater than  $t(0.95, 23)$

NS - Not Significant

TABLE 3  
 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS  
 ATLANTIC WOOD INDUSTRIES, INC.  
 ATHENS, NEW YORK

LOCATION	NYSDEC GROUNDWATER CLEANUP STANDARDS (mg/L)	AW-1 10/31/95 9511002	UNITS
DATE COLLECTED			
WORK ORDER			
PARAMETER			
<b>TOTAL METALS</b>			
Arsenic	0.025	<.01	mg/L
Chromium	0.05	<.01	mg/L
Copper	0.20	<.01	mg/L
<b>DISSOLVED METALS</b>			
Arsenic	0.025	<.01	mg/L
Chromium	0.05	<.01	mg/L
Copper	0.20	<.01	mg/L

NOTES:

NYSDEC Groundwater Cleanup Standards published in "New York State Department of Conservation (NYSDEC) Hazardous Waste Remediation Division Technical and Administrative Guidance memorandum; Determination of Soil Cleanup Objectives and Cleanup Levels", HWR-92-4046, 16 Nov. 1992.

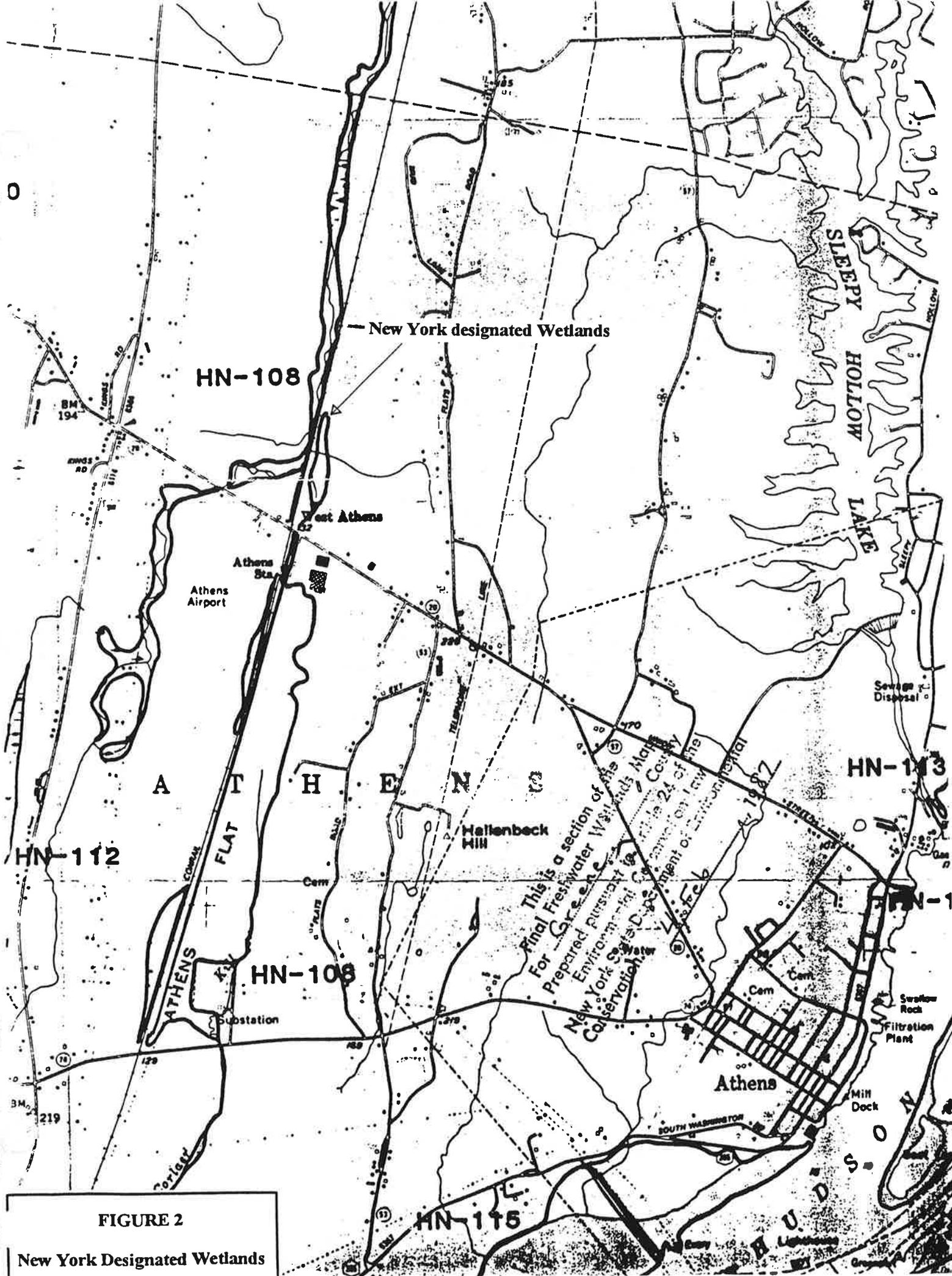
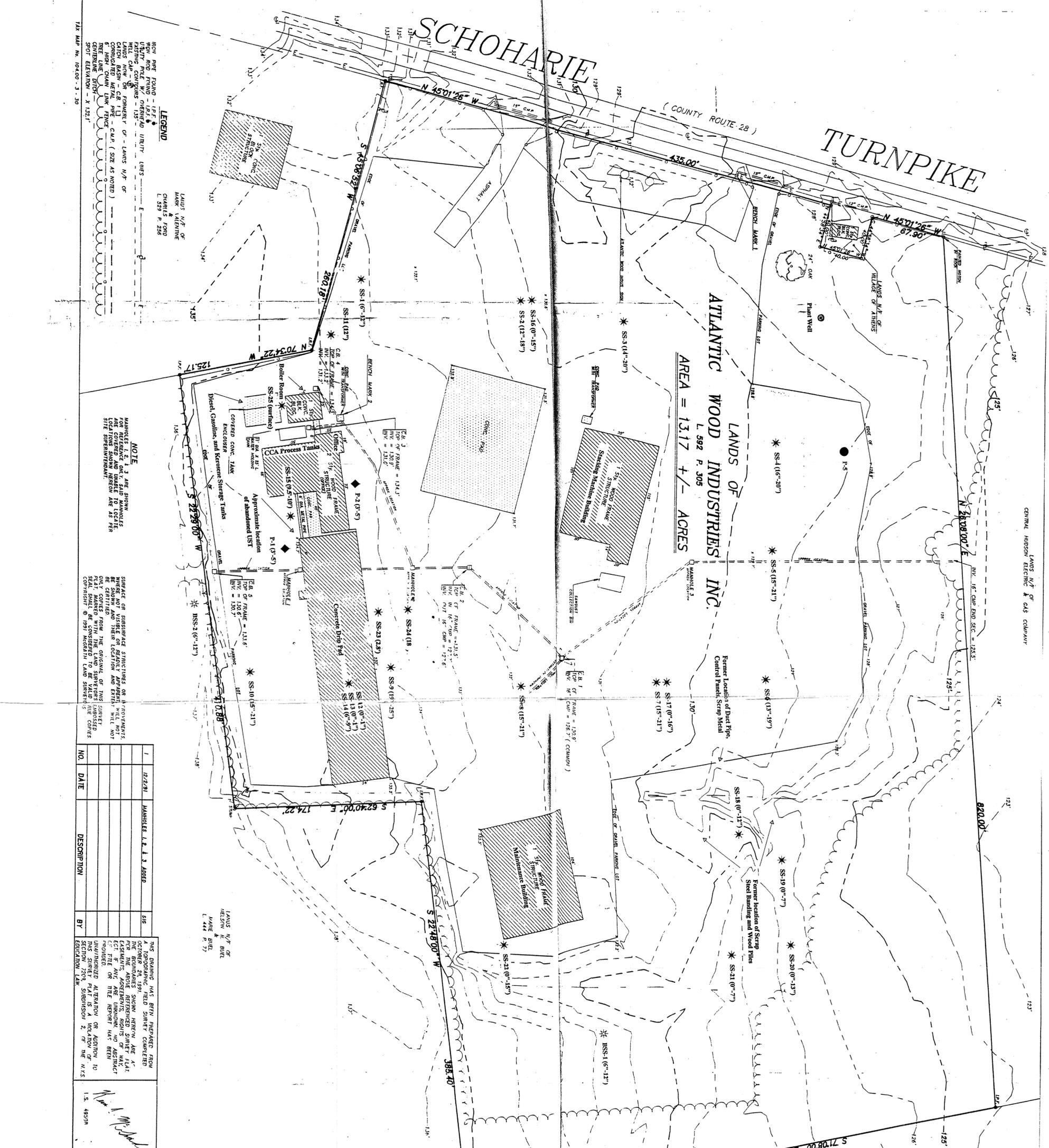


FIGURE 2

New York Designated Wetlands



LANDS N/E OF  
CENTRAL HUDSON ELECTRIC & GAS COMPANY

LANDS OF  
**ATLANTIC WOOD INDUSTRIES, INC.**  
AREA = 13.17 +/- ACRES  
L. 592 P. 305

**LEGEND**

RECV PIPE FOUND - L.F.F. ●  
ROW ROAD FINDING - L.F.F. ●  
EXISTING CONDUITS - L.F.F. ●  
WELL CAP - ON FOUNDRY - L.F.F. ●  
CATCH BASIN ON C&E L.F.F. ●  
CONCRETE METAL PIPE - C.M.P. (SIZE AS NOTED) ●  
6" FIBER GLASS LINK FIBRE ●  
CENTRIFUGAL PUMP - X 123.1'

LANDS N/E OF  
HESLOW & BUTL  
L. 444 P. 77

**NOTE**

MANHOLES 1, 2, 3 ARE SHOWN FOR REFERENCE ONLY. SAID MANHOLES LOCATION SHOWN HEREIN ARE OF THE SITE SUPERINTENDANT.

SURFACE OF SUSPENDED STRUCTURES OR PROJECTIONS BE SHOWN AND THEIR LOCATION AND ELEVATION WILL NOT BE CERTIFIED FROM THE ORIGINAL OF THIS SURVEY. P.L.1 MARKED WITH THE LAND SURVEYOR'S LICENSE NUMBER SHALL BE CONSIDERED TO BE SMALLER SIZE CORNER CONSTRUCTION.

NO.	DATE	DESCRIPTION	BY
1	12/2/91	MANHOLES 1, 2, 3 ADDED	SIG

THIS DRAWING HAS BEEN PREPARED FROM A TOPOGRAPHIC FIELD SURVEY COMPLETED OCTOBER 28, 1991. SURVEY HEREON HAS BEEN MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENGINEERING, ARCHITECTURAL, SURVEYING AND MAPPING ACT AND THE UNIFORM LAND SURVEYING ACT. THE SURVEYOR HAS BEEN PROVIDED WITH ALL NECESSARY INFORMATION AND HAS BEEN ADVISED OF HIS OBLIGATIONS AND RIGHTS UNDER THE SURVEYING ACT. THE SURVEYOR'S LICENSE NUMBER IS 15,493/91.

LANDS N/E OF  
HESLOW & BUTL  
L. 444 P. 77

**ATLANTIC WOOD INDUSTRIES, INC.**  
LANDS OF  
TOPOGRAPHIC SURVEY

TOWN: ATHENS  
COUNTY: GREENE  
SCALE: 1" = 40'

SHEET: NEW YORK  
DATE: OCTOBER 28, 1991  
PLAT: NOVEMBER 5, 1991

**LEGEND**

- \* Surface Soil Sample (zone of sample)
- ◆ Background Surface Soil Sample (zone of sample)
- ◆ Geoprobe Soil Sampling Location (soil description + analytical sampling)
- Geoprobe Soil Sampling Location (soil description only)

**FIGURE - 1**  
Site Location Map  
Atlantic Wood Industries, Inc.  
Athens, New York

**MAP REFERENCE**

SURVEY AND MAP OF LANDS TO BE COVERED BY THIS SURVEY WERE PREPARED BY ERIC A. SCHUBERT & ASSOCIATES, INC., 100 WEST 10TH STREET, NEW YORK, N.Y. 10011. PREPARED BY: FRANK F. AMBROGIO, L.S.

**NOTE**

ELEVATION DATA HEREON IS BASED ON THE USGS HUDSON NORTH QUADRANGLE MAP. CONTOUR INTERVAL = 1'

**BENCH MARK DESCRIPTIONS**

BENCH MARK 1 - BALDWIN SPINE FOUND IN POLE CHECK 67031. ELEVATION = 128.52'

BENCH MARK 2 - BOX - GUT IN THE SOUTH WEST CORNER OF A CONC. PAD WITH TRANSFORMER ELEVATION = 125.38'

**McGRATH**  
LAND SURVEYORS  
KEVIN J. MCGRATH, LICENSED LAND SURVEYOR  
P.O. Box 459, Eastern Union Turnpike, Averbill Park, NY 12018 (518) 674-2864

DRAWN BY: SIG  
CHECKED BY: LTM  
PLAT NO.: 51065

**APPENDIX A**  
**STORMWATER ANALYTICAL RESULTS**

# SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165

LOG NO: S5-54145

Received: 28 JUL 95

RECEIVED AUG 18 1995

Mr. Richard Hales  
Atlantic Wood Industries, Inc.  
Rt. 1 Box 204, Schoharie Turnpike  
Athens, NY 12015

CC: Ross Worsham-A.WOOD  
Sampled By: Client

### REPORT OF RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
54145-1	001 Grab	07-26-95/1330
PARAMETER	54145-1	
Biochemical Oxygen Demand (5 Day) (405.1), mg/l		5.1
Suspended Solids (160.2), mg/l		24
Arsenic (7060), mg/l		0.18
Chromium (6010), mg/l		0.097
Copper (6010), mg/l		<0.025
Oil & Grease , mg/l		<5.0
Chemical Oxygen Demand, mg/l		94

**SL SAVANNAH LABORATORIES  
& ENVIRONMENTAL SERVICES, INC.**

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CC: Ross Worsham-A.WOOD  
Sampled By: Client

REPORT OF RESULTS

Page 2

LOG NO SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES

54145-2 Method Blank  
54145-3 Lab Control Standard (LCS) & Recovery/Duplicate  
54145-4 Precision (LCS & RPD)  
54145-5 Date Analyzed

PARAMETER	54145-2	54145-3	54145-4	54145-5
Biochemical Oxygen Demand (5 Day) (405.1), mg/l	<2.0	104/102 %	1.9 %	07.28.95
Suspended Solids (160.2), mg/l	<5.0	88/95 %	7.6 %	07.31.95
Arsenic (7060), mg/l	<0.010	104/107 %	2.8 %	08.01.95
Chromium (6010), mg/l	<0.010	104/105 %	0.96 %	08.01.95
Copper (6010), mg/l	<0.025	96/97 %	1.0 %	08.01.95
Oil & Grease , mg/l	<5.0	83/81 %	2.4 %	08.02.95
Chemical Oxygen Demand, mg/l	<20	97/99 %	2.0 %	07.31.95

Methods: EPA SW-846

*Steven J. White*

Steven J. White

Final Page Of Report

# SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165

LOG NO: S5-53544

Received: 28 JUN 95

Mr. Richard Hales  
 Atlantic Wood Industries, Inc.  
 Rt. 1 Box 204, Schoharie Turnpike  
 Athens, NY 12015

CC: Ross Worsham-Atlantic Wood  
 Sampled By: Client

REPORT OF RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
53544-1	001 Grab	06-26-95/1500
PARAMETER		53544-1
Biochemical Oxygen Demand (5 Day) (405.1), mg/l		6.3
Chemical Oxygen Demand, mg/l		460
Suspended Solids (160.2), mg/l		7800
Oil & Grease , mg/l		13
Arsenic (7060), mg/l		0.90
Chromium (6010), mg/l		0.82
Copper (6010), mg/l		0.67

\* First substantial rainfall in quite some time. This was also a heavy downpour. This may account for the high levels of oil and grease. Did not let the samples settle down also shook the samples up before transferring to lab packs. This will account for high levels of suspended solids.

**SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.**

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165

LOG NO: S5-53544

Received: 28 JUN 95

Mr. Richard Hales  
 Atlantic Wood Industries, Inc.  
 Rt. 1 Box 204, Schoharie Turnpike  
 Athens, NY 12015

CC: Ross Worsham-Atlantic Wood  
 Sampled By: Client

REPORT OF RESULTS

Page 2

LOG NO SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES

53544-2 Method Blank  
 53544-3 Lab Control Standard (LCS) & Recovery/Duplicate  
 53544-4 Precision (LCS & RPD)  
 53544-5 Date Analyzed

PARAMETER	53544-2	53544-3	53544-4	53544-5
Biochemical Oxygen Demand (5 Day) (405.1), mg/l	<2.0	91/87 %	4.5 %	06.28.95
Chemical Oxygen Demand, mg/l	<20	94/93 %	1.1 %	06.29.95
uspended Solids (160.2), mg/l	<5.0	106/109 %	2.8 %	06.29.95
Oil & Grease , mg/l	<5.0	86/85 %	1.2 %	06.30.95
Arsenic (7060), mg/l	<0.010	103/103 %	0 %	07.05.95
Chromium (6010), mg/l	<0.010	111/106 %	4.6 %	07.03.95
Copper (6010), mg/l	<0.025	107/103 %	3.8 %	07.03.95

Methods: EPA SW-846 and 40 CFR Part 136.

*Steven J. White*  
 \_\_\_\_\_  
 Steven J. White

Final Page Of Report



# SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165

LOG NO: S4-45954

Received: 03 NOV 94

Mr. Richard Hales  
Atlantic Wood Industries, Inc.  
Rt. 1 Box 204, Schoharie Turnpike  
Athens, NY 12015

CC: Mr. Ross Worsham  
Sampled By: Client

Page 1

## REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
45954-1	001 Grab	11-01-94/0800
PARAMETER		45954-1
Biochemical Oxygen Demand (5 Day) (405.1), mg/l		17
Suspended Solids (160.2), mg/l		680
Arsenic (7060), mg/l		0.40
Chromium (6010), mg/l		0.45
Copper (6010), mg/l		0.23
Oil & Grease , mg/l		<5.0
Chemical Oxygen Demand (410.2), mg/l		68

ATLANTIC WOOD INDUSTRIES  
**RECEIVED**  
NOV 14 1994  
**RECEIVED**  
ENVIRONMENTAL OFFICE

# SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

02 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165

LOG NO: S4-45954

Received: 03 NOV 94

Mr. Richard Hales  
 Atlantic Wood Industries, Inc.  
 Rt. 1 Box 204, Schoharie Turnpike  
 Athens, NY 12015

CC: Mr. Ross Worsham  
 Sampled By: Client

REPORT OF RESULTS

Page 2

LOG NO SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES

45954-2 Method Blank  
 45954-3 Lab Control Sample (LCS) & Recovery/Duplicate  
 45954-4 : PrecisoIn (LCS & RPD)  
 45954-5 Date Analyzed

PARAMETER	45954-2	45954-3	45954-4	45954-5
Biochemical Oxygen Demand (5 Day) (405.1), mg/l	<2.0	113/112 %	0.88 %	11.03.94
Suspended Solids (160.2), mg/l	<5.0	97/95 %	2.1 %	11.04.94
Arsenic (7060), mg/l	<0.010	108/112 %	3.6 %	11.07.94
Chromium (6010), mg/l	<0.010	98/97 %	1.0 %	11.08.94
Copper (6010), mg/l	<0.025	95/94 %	1.1 %	11.08.94
Oil & Grease , mg/l	<5.0	112/122 %	8.5 %	11.03.94
Chemical Oxygen Demand (410.2), mg/l	<20	100/96 %	4.1 %	11.03.94

Methods: EPA 40 CFR Part 136

*Steven J. White*  
 \_\_\_\_\_  
 Steven J. White

Final Page Of Report



# SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165

LOG NO: S2-46235  
Revision 1  
Received: 15 DEC 92

Mr. Ross Worsham  
Atlantic Wood Industries  
P.O. Box 1608  
Savannah, GA 31498-0301

ATLANTIC WOOD INDUSTRIES  
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JAN 21 1993  
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Project: Athens, NY  
Sampled By: Client

REPORT OF RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED	
46235-1	Composite (Outfall) 001	12-11-92	
46235-2	Composite (Run-On) 002	12-11-92	
PARAMETER		46235-1	46235-2
Biochemical Oxygen Demand (5 Day), mg/l		9.6	2.6
Suspended Solids (160.2), mg/l		380	48
Total Kjeldahl Nitrogen-N, mg/l		1.6	1.2
Total Phosphorus, mg/l		0.37	<0.10
Nitrate + Nitrite-N, mg/l		1.1	0.28
Chemical Oxygen Demand, mg/l		110	50
Trivalent Chromium, mg/l		0.14	<0.010
Hexavalent Chromium (7196), mg/l		0.22	<0.010
Chromium (6010), mg/l		0.36	<0.010
Copper (6010), mg/l		0.16	0.027
Arsenic (7060), mg/l		0.38	<0.010
Dissolved trivalent chromium, mg/l		0.02	<0.010
Dissolved hexavalent chromium, mg/l		0.20	<0.010
Chromium (Dissolved) , mg/l		0.22	<0.010
Copper (Dissolved), mg/l		<0.025	<0.025
Arsenic (Dissolved), mg/l		0.16	<0.010

**SL SAVANNAH LABORATORIES**  
**& ENVIRONMENTAL SERVICES, INC.**

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165

LOG NO: S2-46235  
 Revision 1  
 Received: 15 DEC 92

Mr. Ross Worsham  
 Atlantic Wood Industries  
 P.O. Box 1608  
 Savannah, GA 31498-0301

Project: Athens, NY  
 Sampled By: Client

REPORT OF RESULTS

Page 2

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED	
46235-3	Grab (Outfall) 001	12-11-92	
46235-4	Grab (Run-On) 002	12-11-92	
PARAMETER		46235-3	46235-4
Biochemical Oxygen Demand (5 Day), mg/l		7.6	3.0
Suspended Solids (160.2), mg/l		510	72
Oil & Grease , mg/l		22	27
Total Kjeldahl Nitrogen-N, mg/l		1.7	1.3
Total Phosphorus, mg/l		0.46	0.10
Nitrate + Nitrite-N, mg/l		1.6	0.22
Chemical Oxygen Demand, mg/l		130	65
Trivalent Chromium, mg/l		0.23	<0.010
Hexavalent Chromium (7196), mg/l		0.26	<0.010
Chromium (6010), mg/l		0.49	<0.010
Copper (6010), mg/l		0.22	<0.025
Arsenic (7060), mg/l		0.51	<0.010
Chromium (Dissolved) , mg/l		0.25	<0.010
Copper (Dissolved), mg/l		<0.025	<0.025
Dissolved trivalent chromium, mg/l		0.01	<0.010
Dissolved hexavalent chromium, mg/l		0.24	<0.010
Arsenic (Dissolved), mg/l		0.15	<0.010

# SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165

LOG NO: S2-46235  
 Revision 1  
 Received: 15 DEC 92

Mr. Ross Worsham  
 Atlantic Wood Industries  
 P.O. Box 1608  
 Savannah, GA 31498-0301

Project: Athens, NY  
 Sampled By: Client

REPORT OF RESULTS

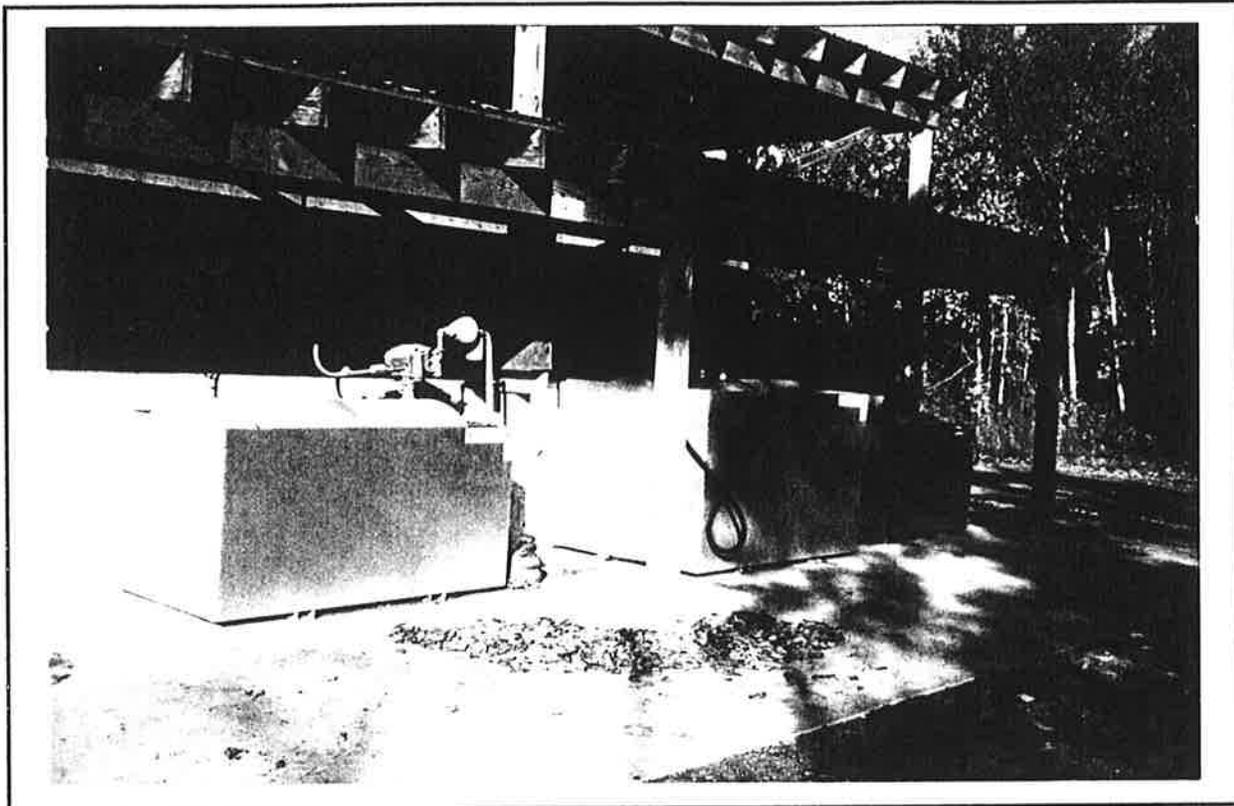
LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES			
46235-5	Method Blank-Water			
46235-6	Lab Control Standard (LCS) † Recovery/Duplicate			
46235-7	LCS († RPD)-Water			
46235-8	Date Analyzed-Water			
PARAMETER	46235-5	46235-6	46235-7	46235-8
Biochemical Oxygen Demand (5 Day), mg/l	<2.0	102/100 †	2.0 †	12.15.92
Suspended Solids (160.2), mg/l	<5.0	100/99 †	1.0 †	12.16.92
Oil & Grease , mg/l	<5.0	109/106 †	2.8 †	01.04.93
Total Kjeldahl Nitrogen-N, mg/l	<0.10	104/100 †	3.9 †	12.21.92
Total Phosphorus, mg/l	<0.10	105/101 †	3.9 †	12.21.92
Nitrate + Nitrite-N, mg/l	<0.050	104/104 †	0 †	12.17.92
Chemical Oxygen Demand, mg/l	<20	119/119 †	0 †	12.21.92
Trivalent Chromium, mg/l	<0.010	105/106 †	0.94 †	12.15.92
Hexavalent Chromium (7196), mg/l	<0.010	105/106 †	0.94 †	12.15.92
Chromium (6010), mg/l	<0.010	91/90 †	1.1 †	12.28.92
Copper (6010), mg/l	<0.025	90/89 †	1.1 †	12.28.92
Arsenic (7060), mg/l	<0.010	100/102 †	2.0 †	12.28.92
Dissolved trivalent chromium, mg/l	<0.010	105/106 †	0.94 †	12.15.92
Dissolved hexavalent chromium, mg/l	<0.010	105/106 †	0.94 †	12.15.92
Chromium (Dissolved) , mg/l	<0.010	93/93 †	0 †	12.23.92
Copper (Dissolved), mg/l	<0.025	93/91 †	2.2 †	12.23.92
Arsenic (Dissolved), mg/l	<0.010	98/98 †	0 †	12.28.92

Methods: EPA 40 CFR Part 136

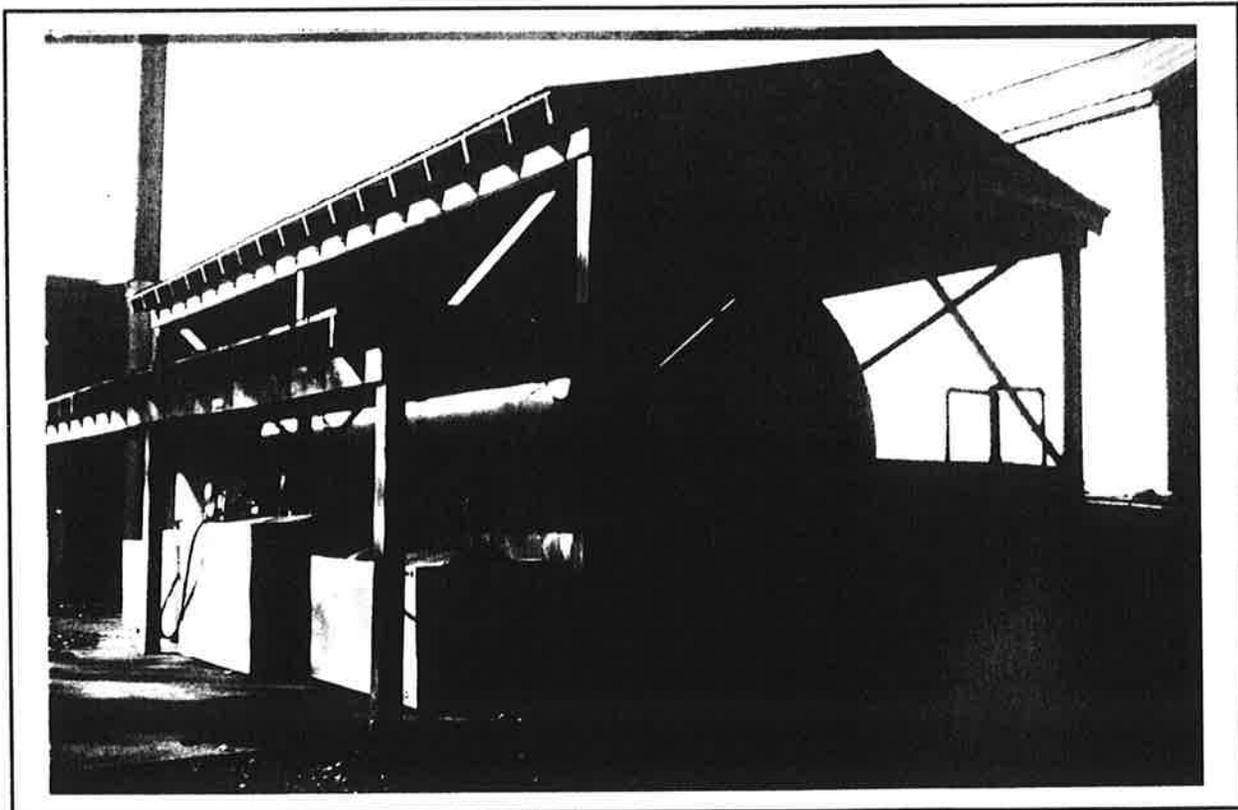
*Steven J. White*  
 Steven J. White



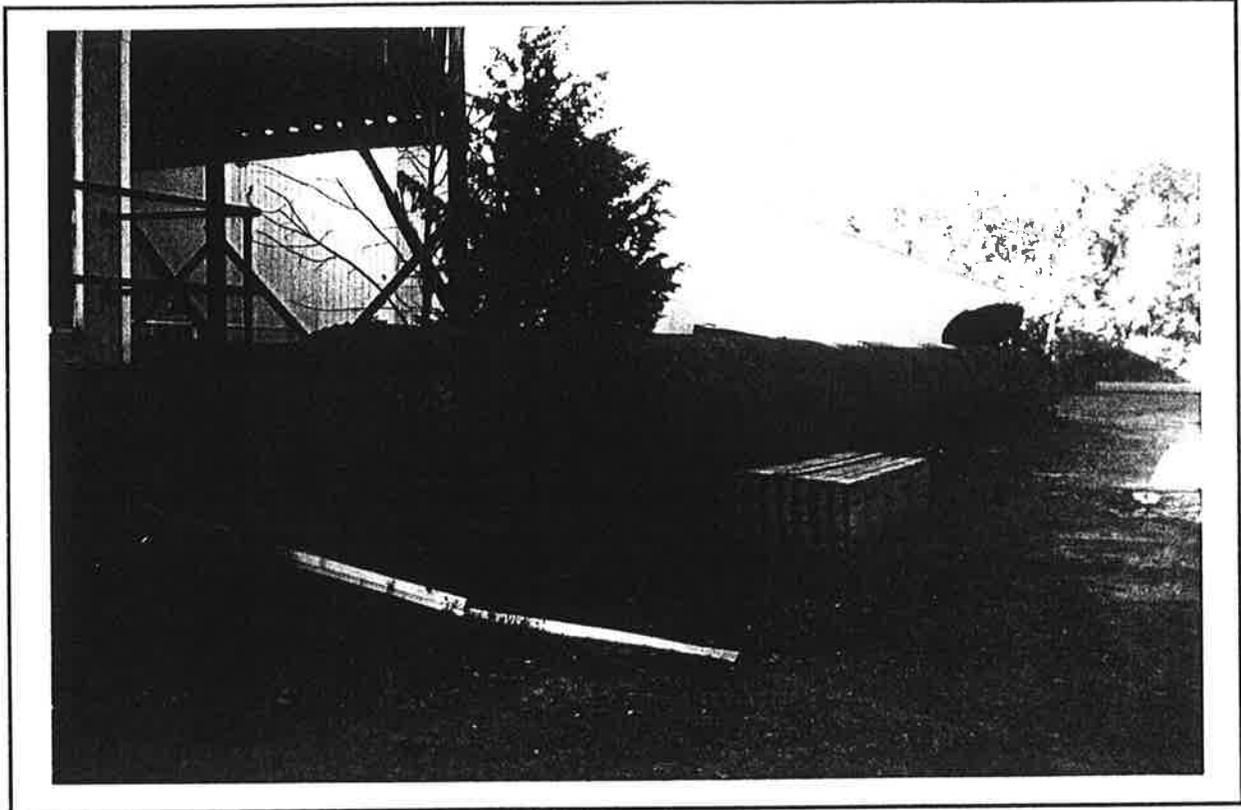
**APPENDIX B  
PHOTO DOCUMENTATION**



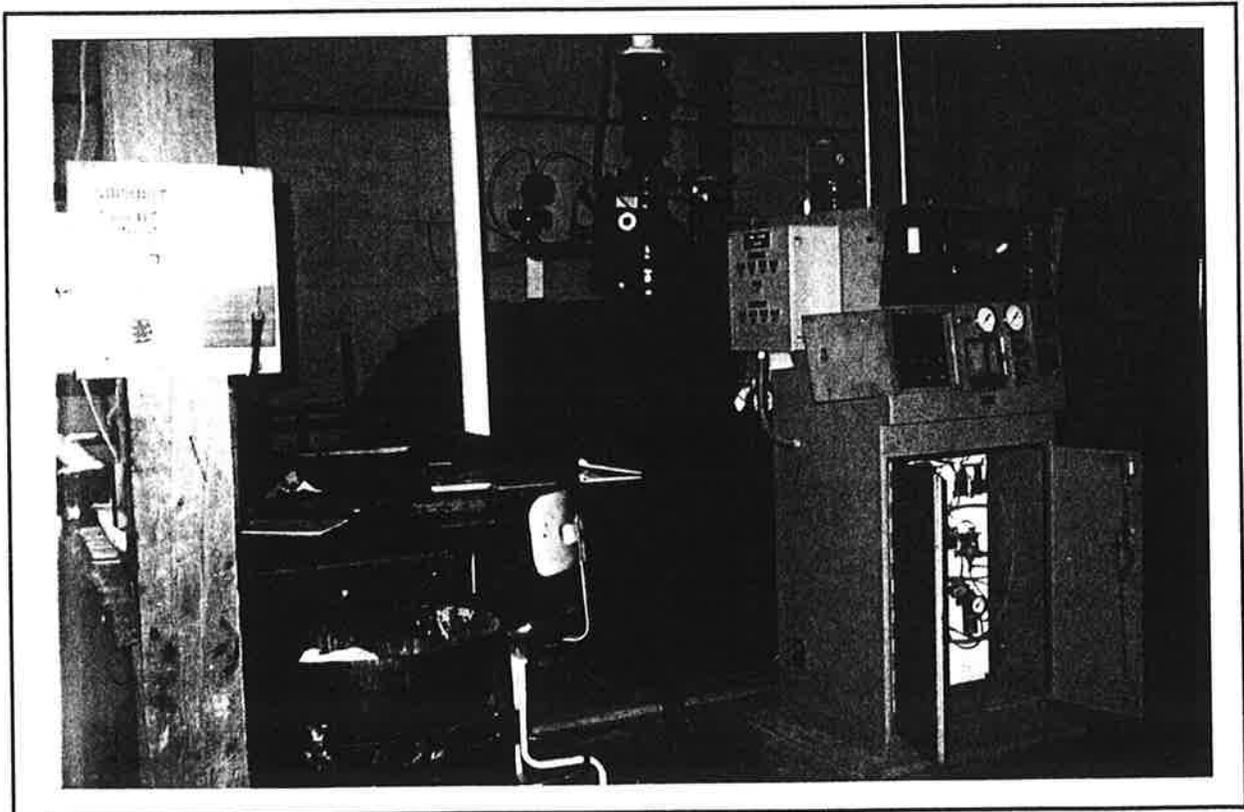
**PHOTO NO. 1 - DIESEL, GASOLINE, AND KEROSENE TANKS**



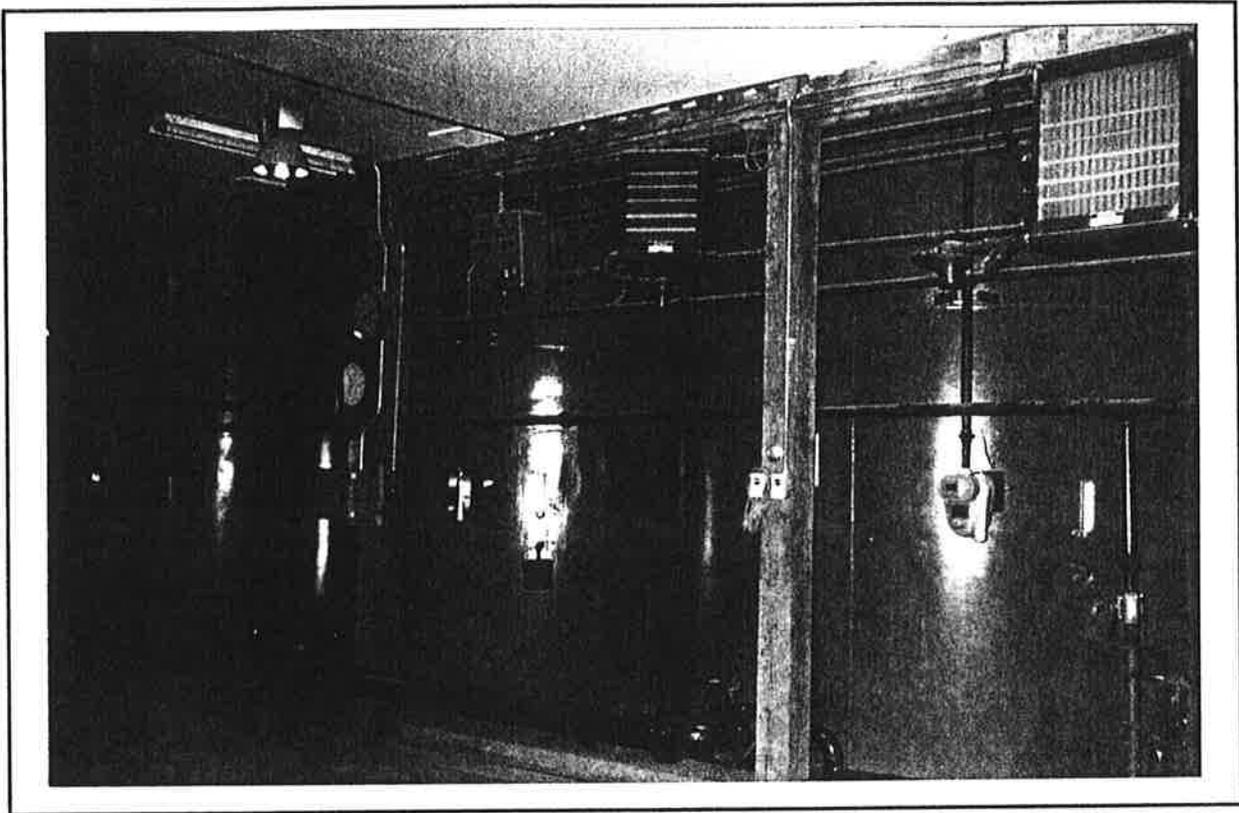
**PHOTO NO. 2 - FUEL OIL TANK (18,000 GALLON)**



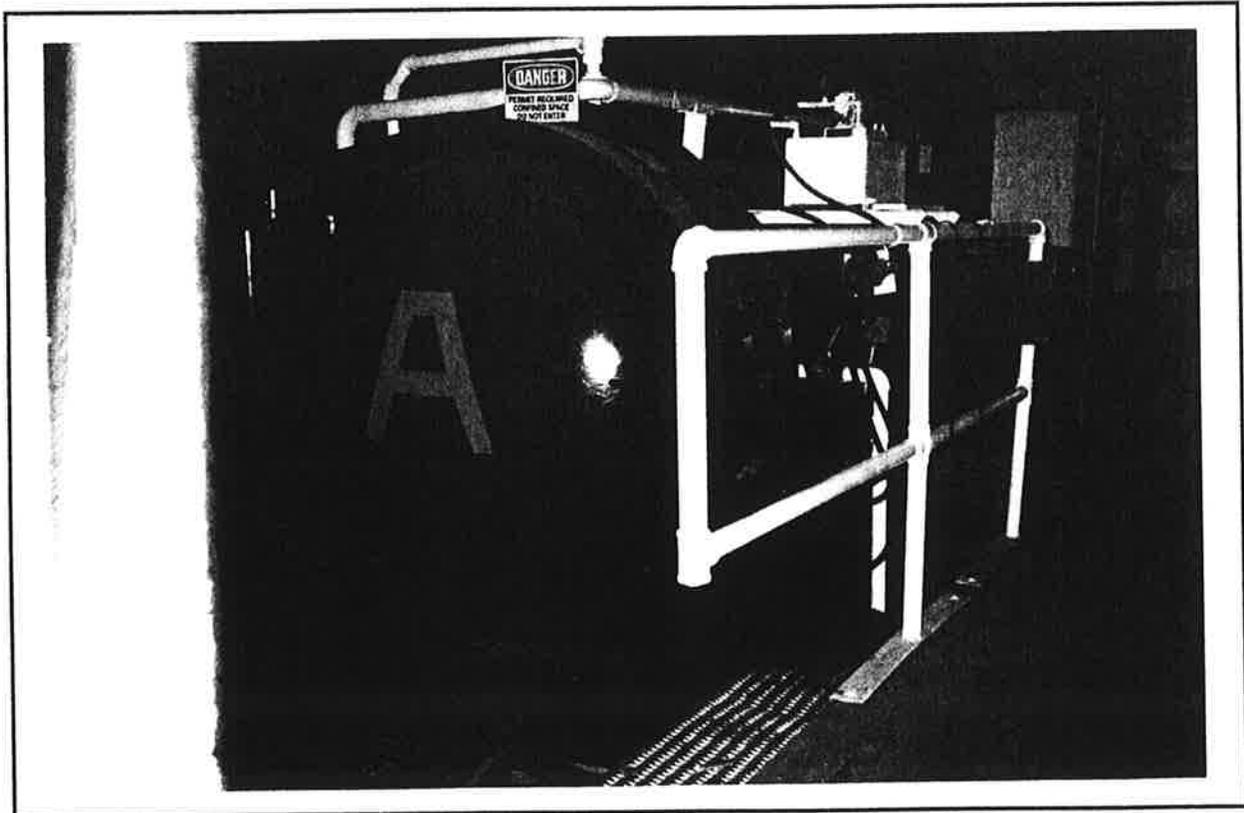
**PHOTO NO. 3 - OLD TREATING CYLINDER**



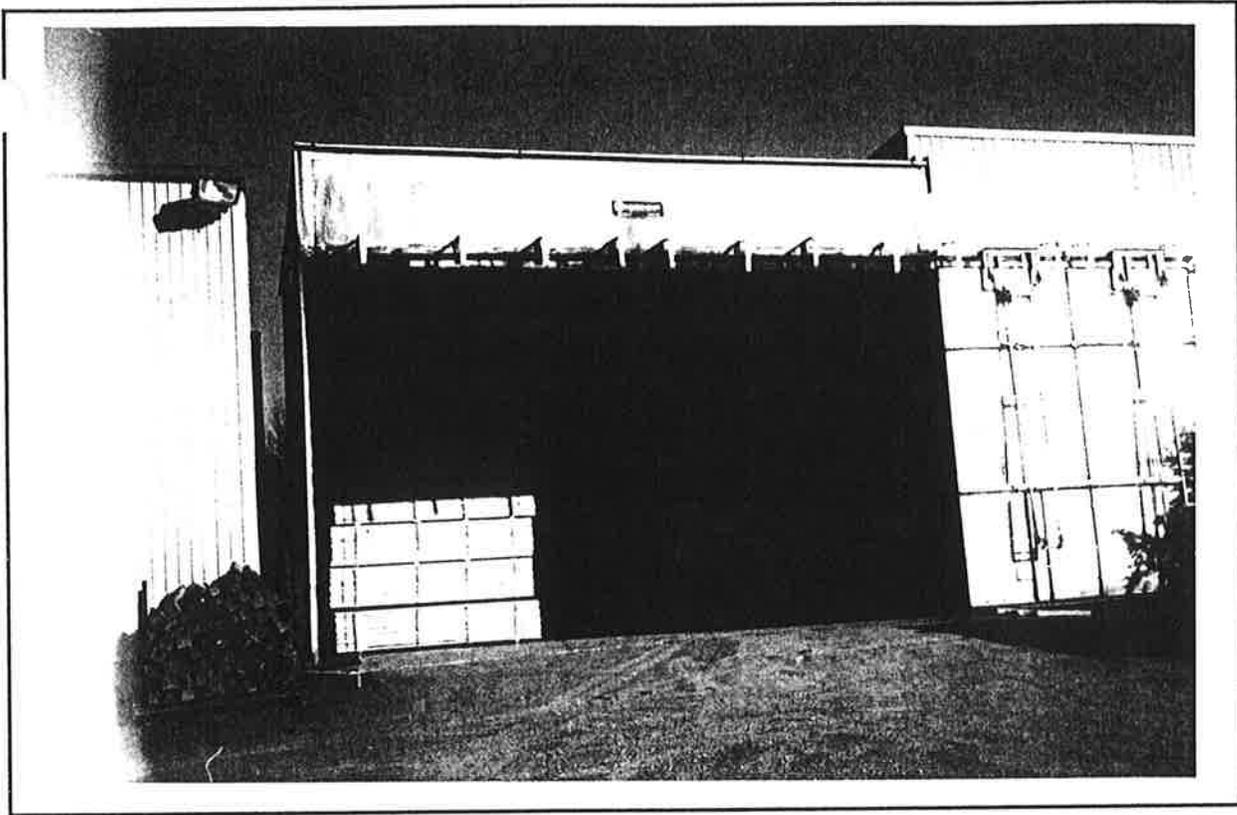
**PHOTO NO. 4 - BACKEND OF TREATING CYLINDER**



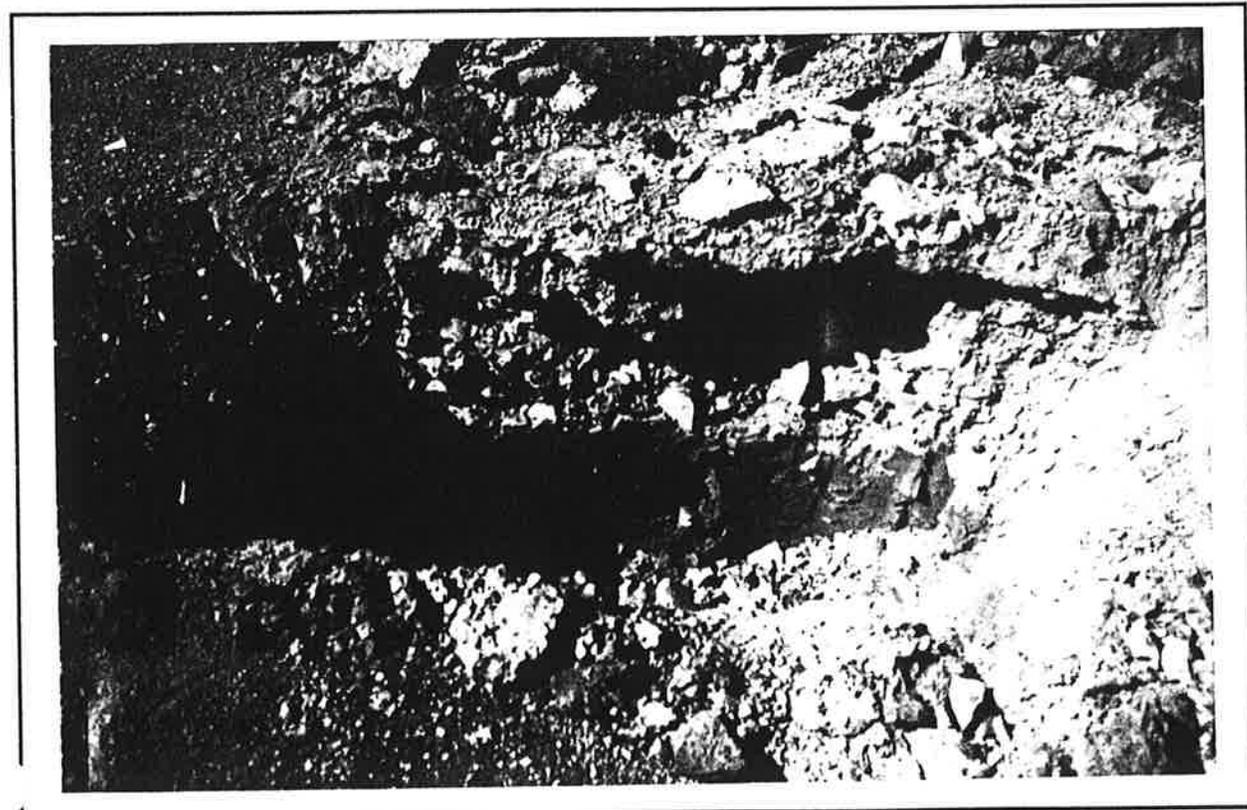
**PHOTO NO. 5 - CCA SOLUTION STORAGE TANKS**



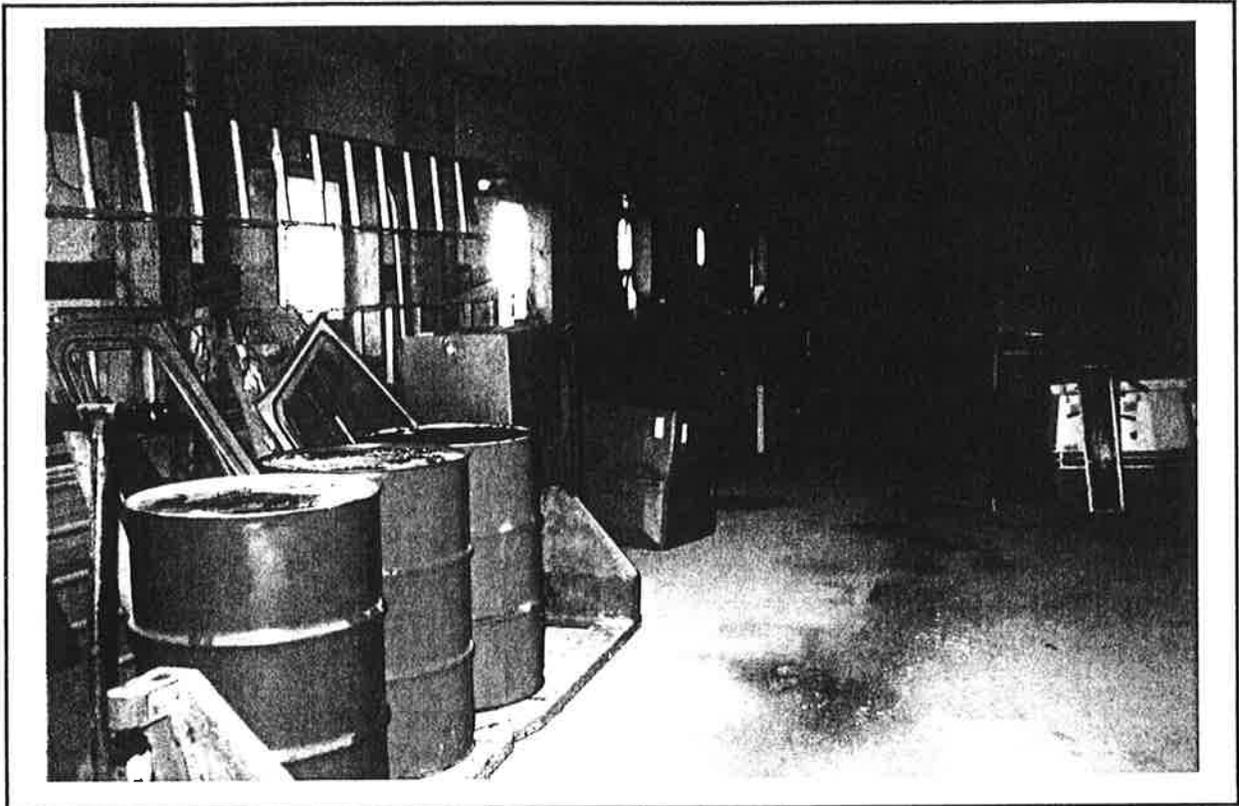
**PHOTO NO. 6 - FRONT END OF TREATING CYLINDER**



**PHOTO NO. 7 - DRY KILN**



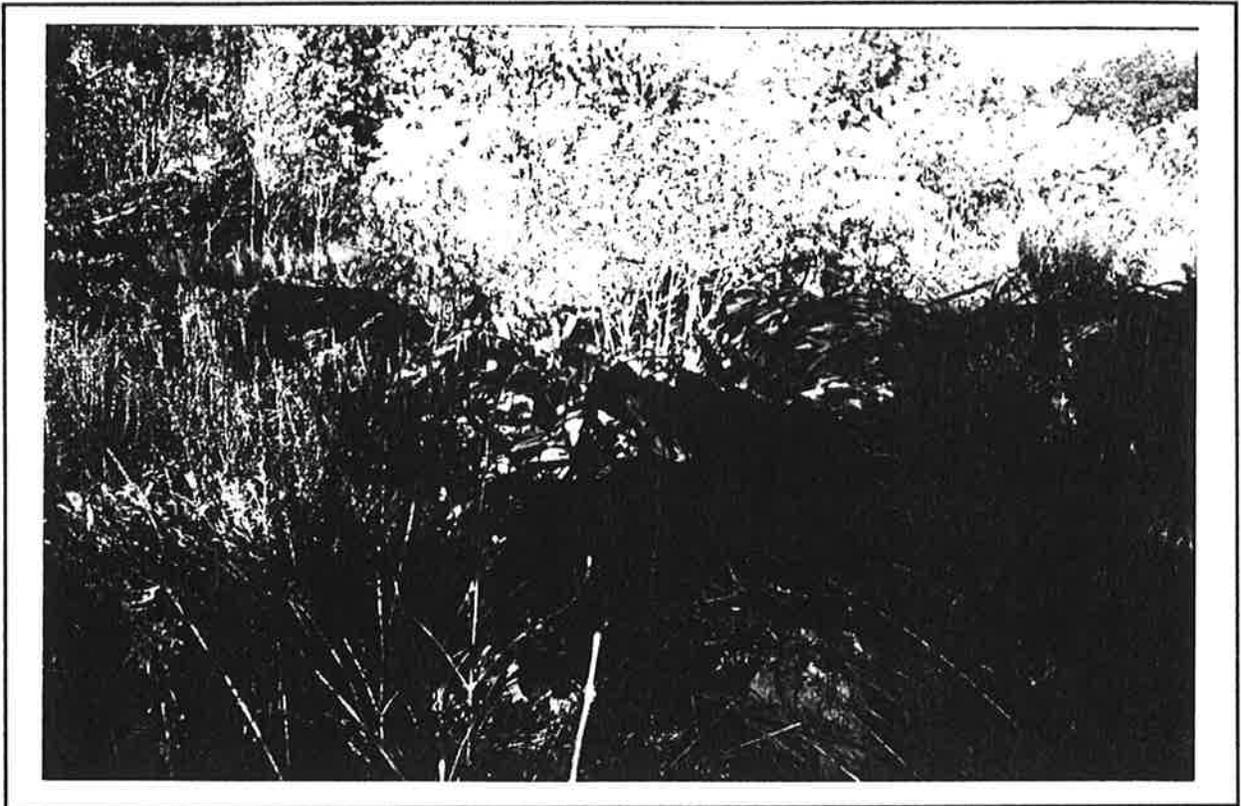
**PHOTO NO. 8 - SAMPLE LOCATION - SS-8**



**PHOTO NO. 9 - INSIDE MAINTENANCE BUILDING**



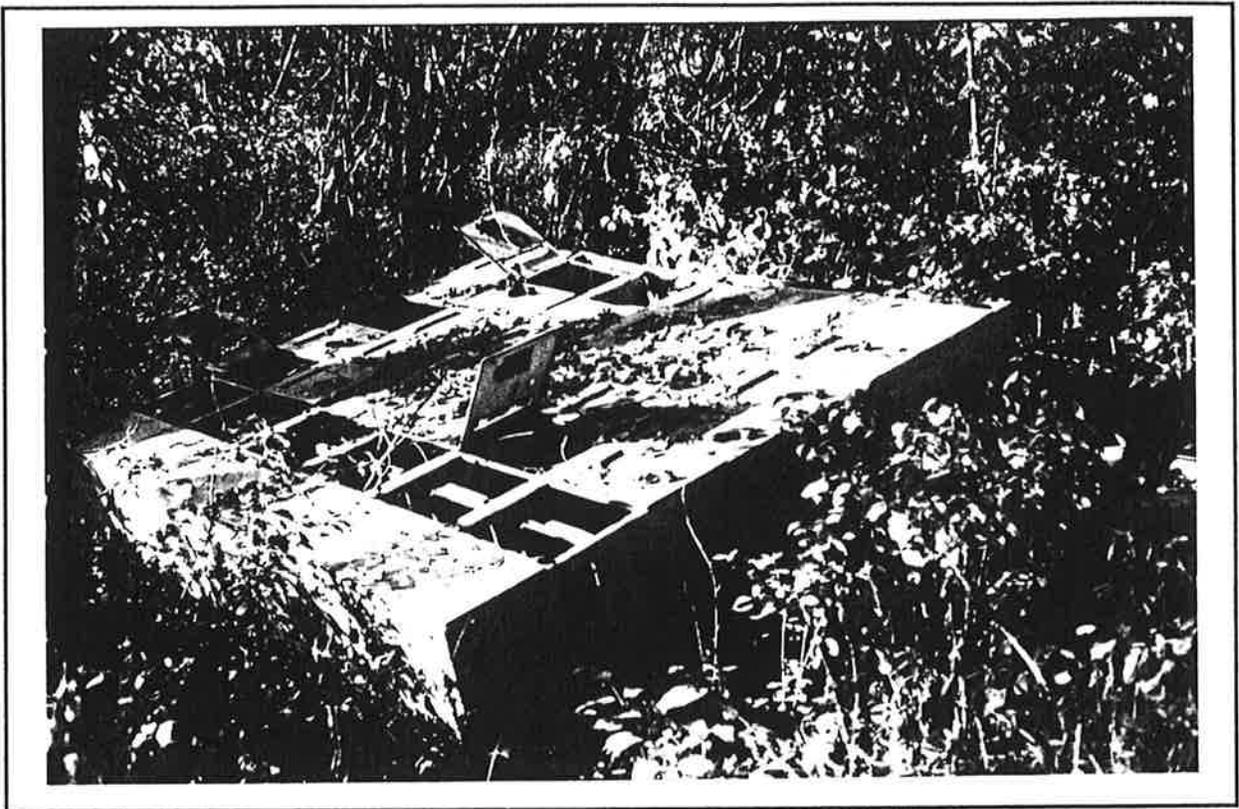
**PHOTO 10 - SMALL SAWDUST PILE BEHIND MAINTENANCE BUILDING**



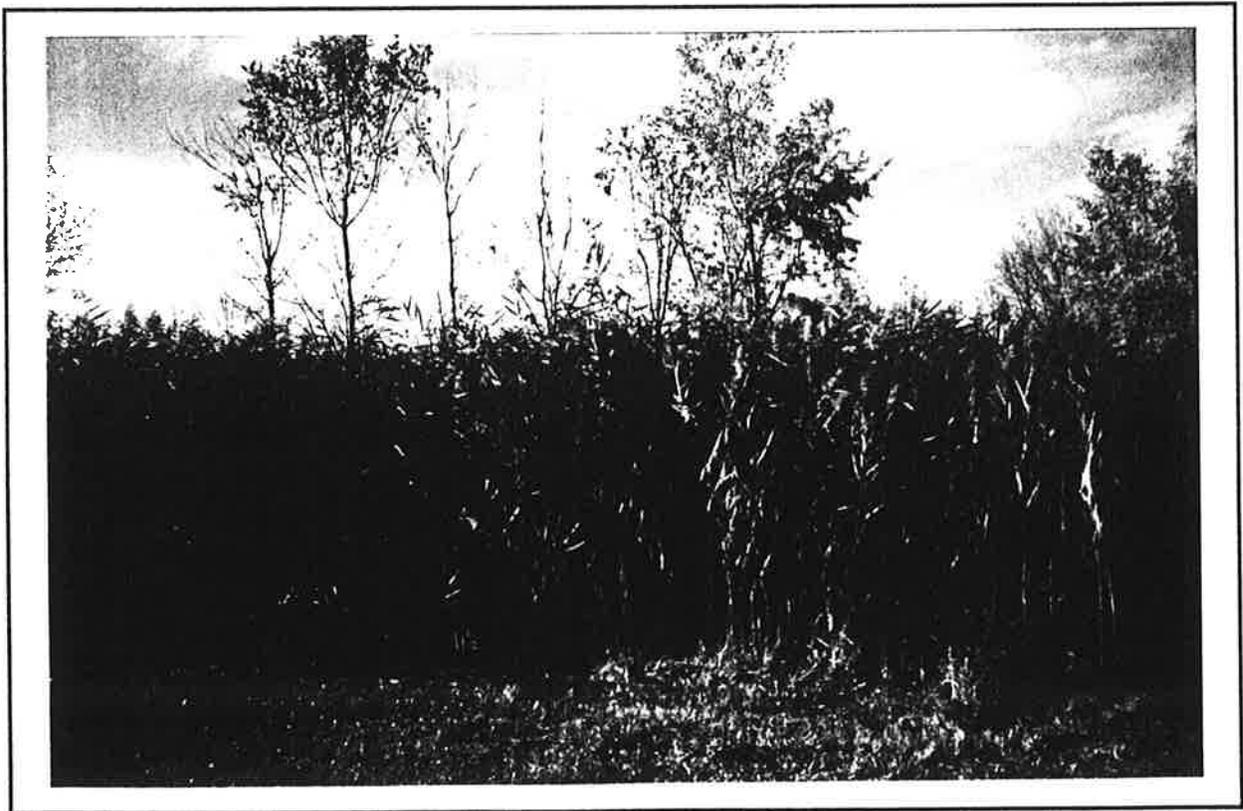
**PHOTO NO. 11 - SCRAP STEEL BANDING PILE**



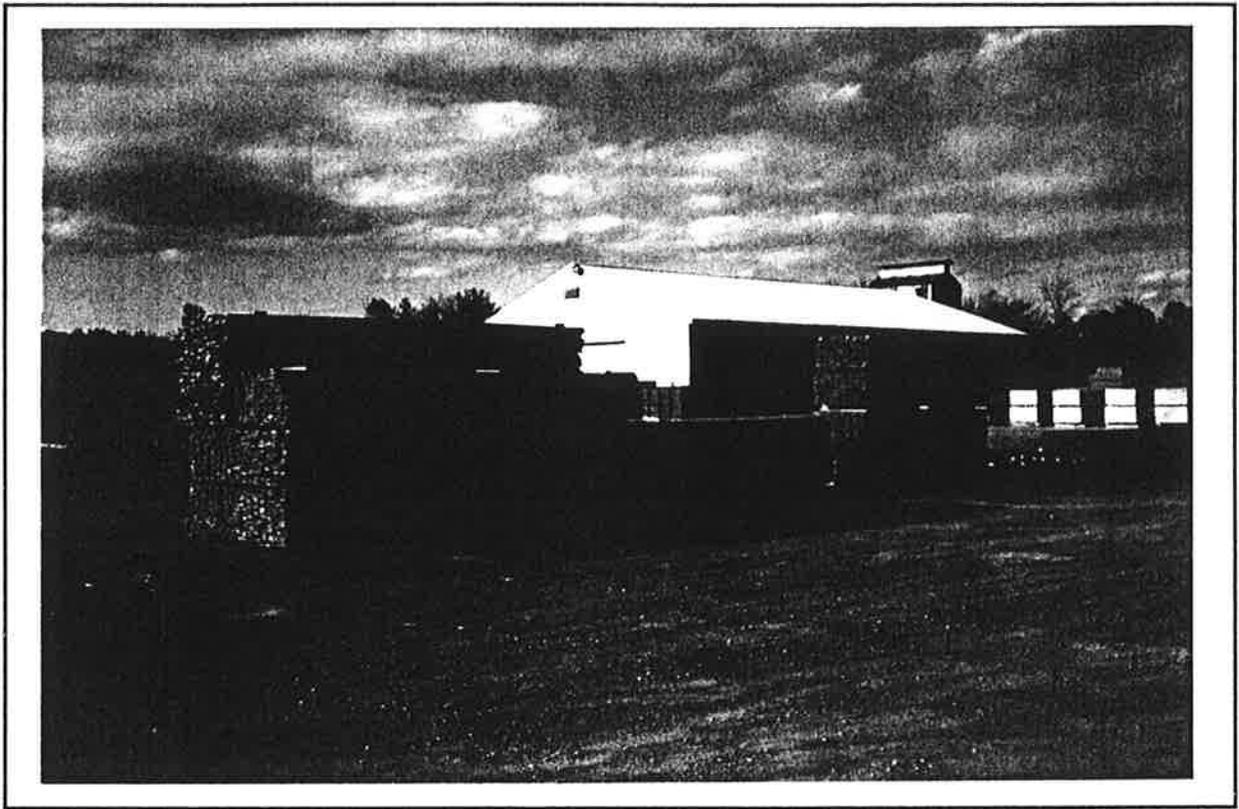
**PHOTO NO. 12 - DUCT PIPE**



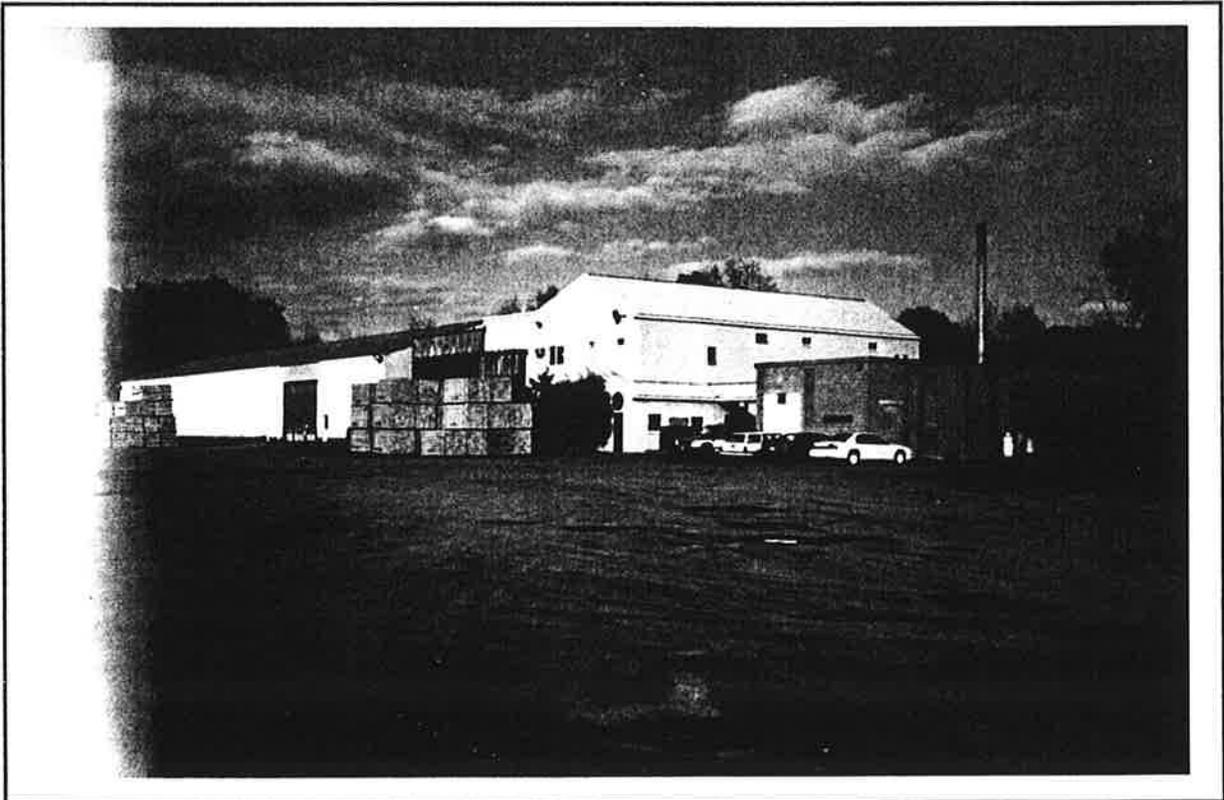
**PHOTO NO. 13 - OLD CONTROL PANEL**



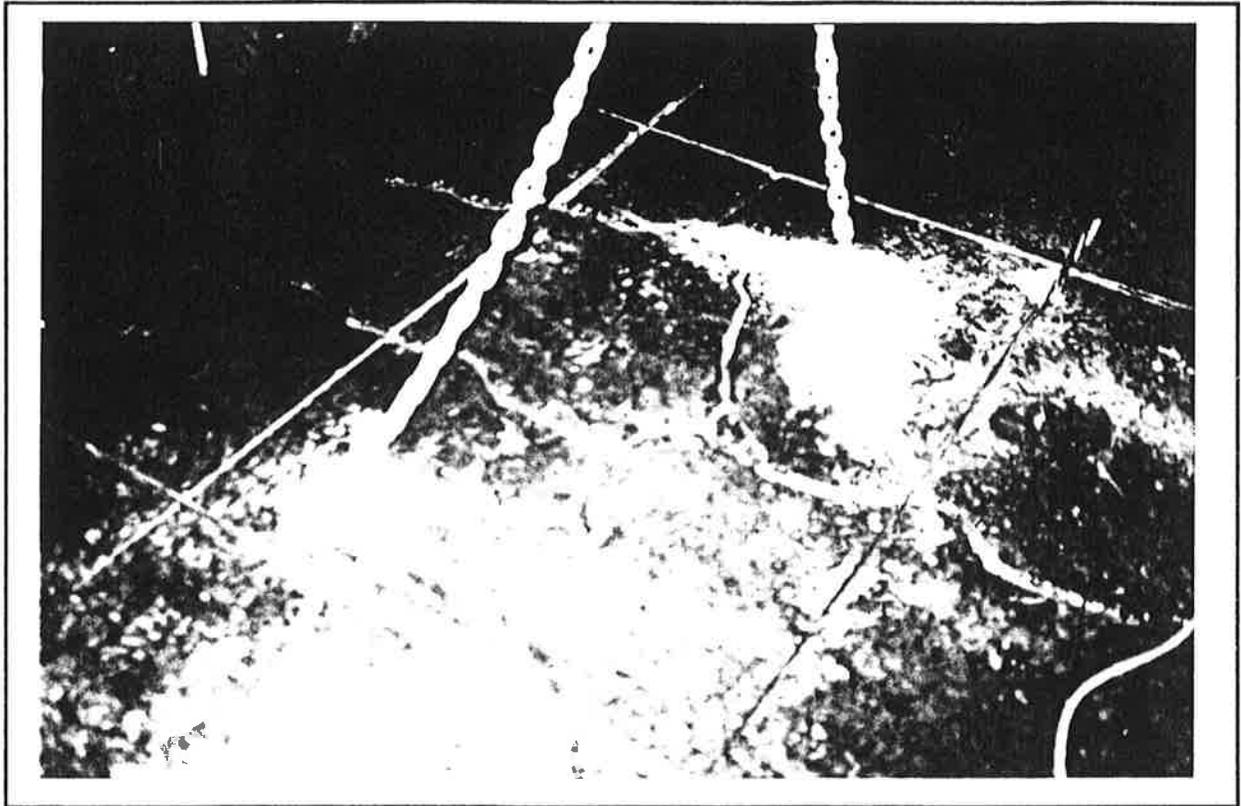
**PHOTO NO. 14 - SMALL WET AREA ON WEST SIDE OF PROPERTY**



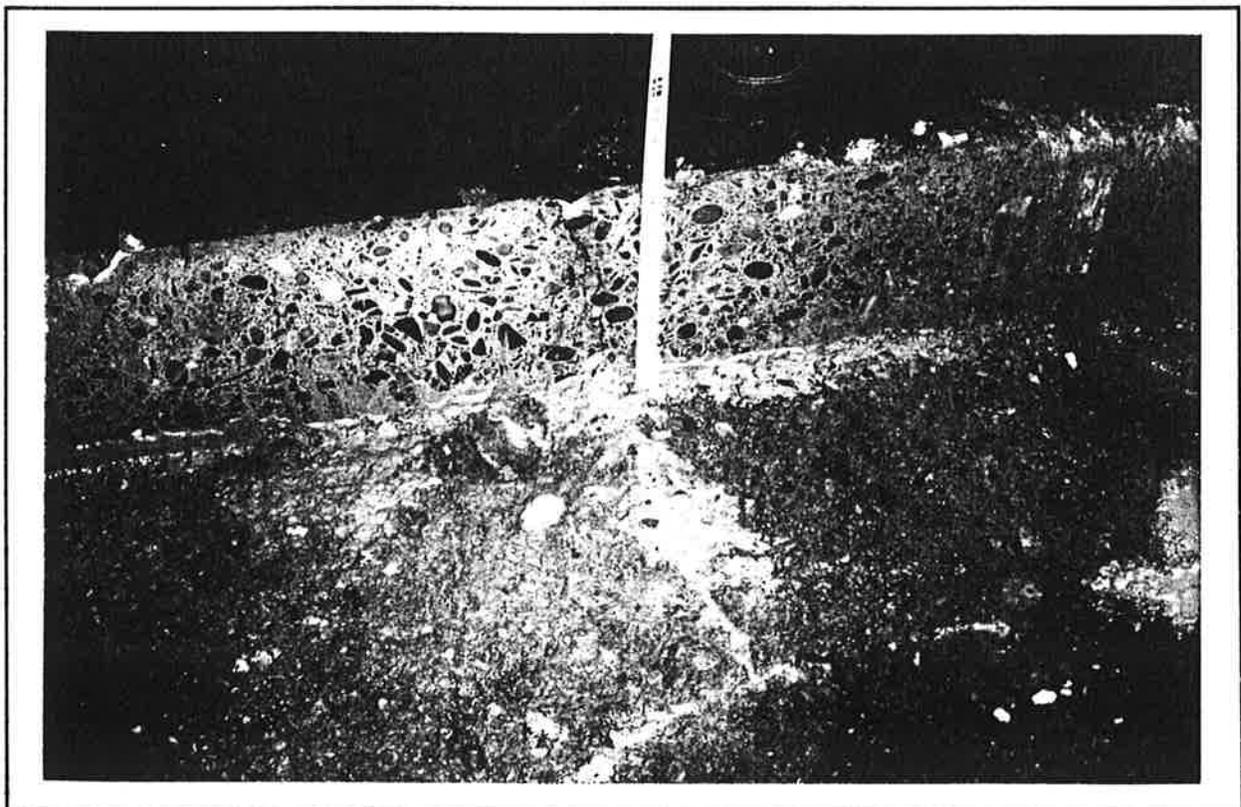
**PHOTO NO. 15 - STACKING MACHINE BUILDING**



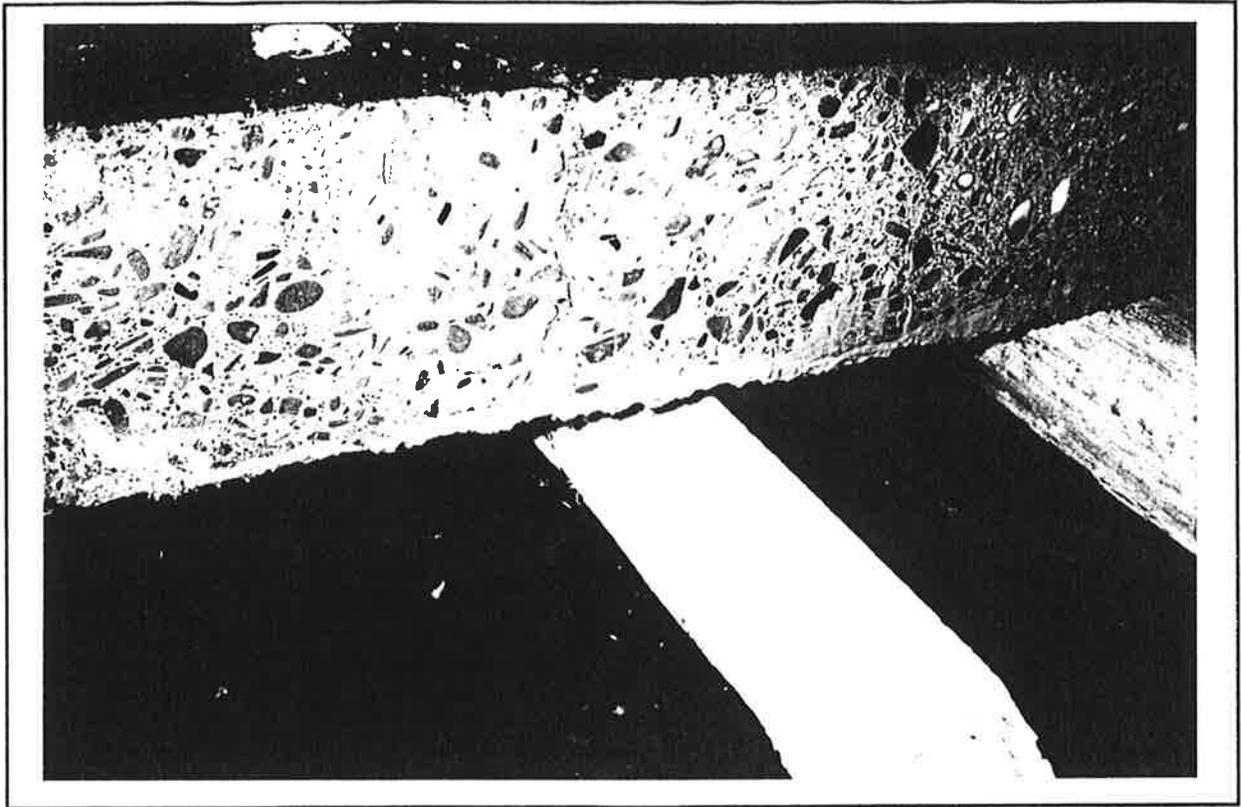
**PHOTO NO. 16 - CCA PROCESS, DRY KILN, BOILER, AND OFFICE BUILDING**



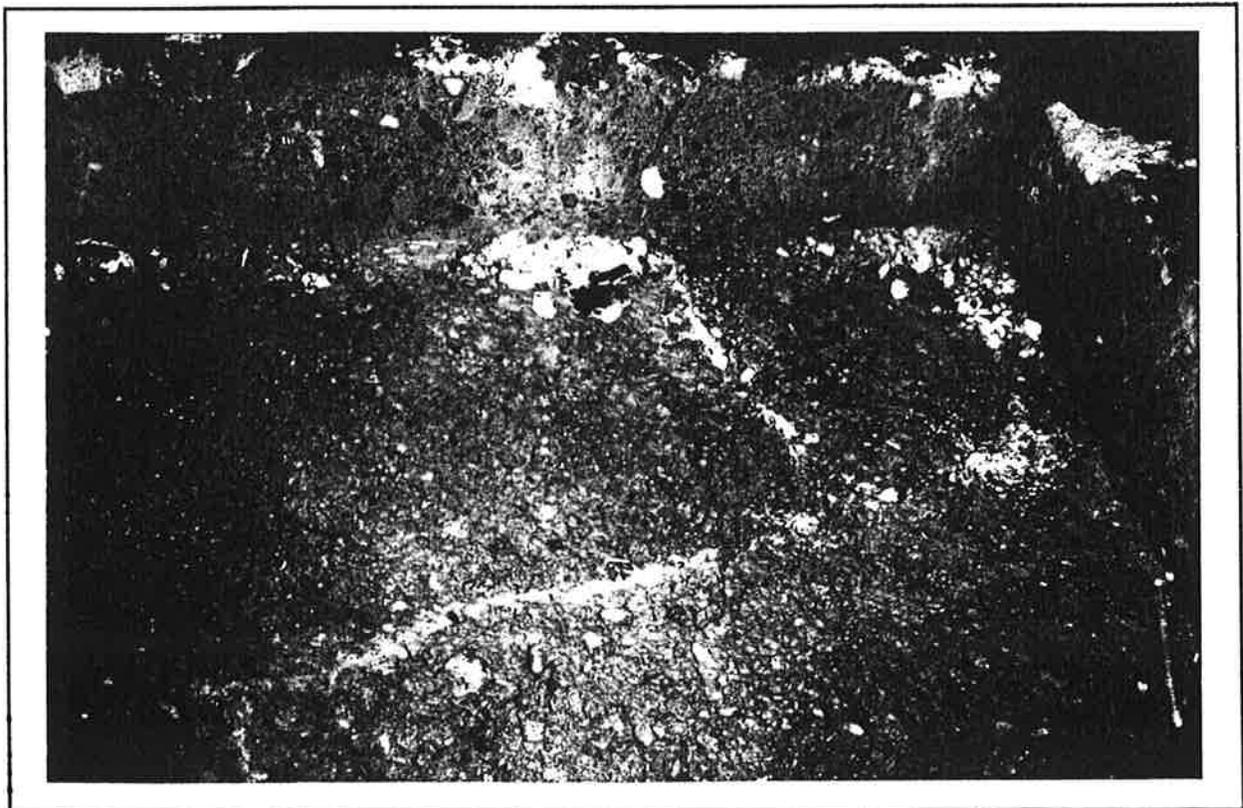
**PHOTO NO. 17 SECTION OF CONCRETE PRIOR TO REMOVAL FROM DRIP PAD**



**PHOTO NO. 18 CROSS SECTION OF DRIP PAD SHOWING CRACK AND UNDERLYING SOILS**



**PHOTO NO. 19 END VIEW OF REMOVED SECTION FROM DRIP PAD  
SHOWING CRACK**



**PHOTO NO. 20 REMOVED SECTION OF DRIP PAD SHOWS UNDERLYING  
SOIL**

**APPENDIX C  
EDR AND VISTA REPORT**

**The EDR-Radius Map  
with GeoCheck™**

**Atlantic Wood Industries  
Schoharie Tpke.  
West Athens, NY 12015**

**Inquiry Number: 194703.4p**

**October 30, 1995**



**Environmental  
Data  
Resources, Inc.**

Creators of Toxicheck/®

***The Source*  
For Environmental  
Risk Management  
Data**

3530 Post Road  
Southport, Connecticut 06490

**Nationwide Customer Service**

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

## Disclaimer

This Report contains information obtained from a variety of public sources and EDR makes no representation or warranty regarding the accuracy, reliability, quality, or completeness of said information or the information contained in this report. The customer shall assume full responsibility for the use of this report.  
**No warranty of merchantability or of fitness for a particular purpose, expressed or implied, shall apply and EDR specifically disclaims the making of such warranties. In no event shall EDR be liable to anyone for special, incidental, consequential or exemplary damages.**

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The search met the specific requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-94, or custom distances requested by the user.

The address of the subject property for which the search was intended is:

SCHOHARIE TPKE.  
WEST ATHENS, NY 12015

No mapped sites were found in EDR's search of available ( "reasonably ascertainable ") government records either on the subject property or within the ASTM E 1527-94 search radius around the subject property for the following Databases:

NPL:..... National Priority List  
Delisted NPL:..... NPL Deletions  
RCRIS-TSD:..... Resource Conservation and Recovery Information System  
State Haz. Waste:..... Inactive Hazardous Waste Disposal Sites in New York State  
CERCLIS:..... Comprehensive Environmental Response, Compensation, and Liability Information System  
CERC-NFRAP:..... Comprehensive Environmental Response, Compensation, and Liability Information System  
State LF:..... Facility Register  
LUST:..... Spills Information Database  
UST:..... Petroleum Bulk Storage (PBS, CBS, MOSF) Database  
RAATS:..... RCRA Administrative Action Tracking System  
RCRIS-SQG:..... Resource Conservation and Recovery Information System  
HMIRS:..... Hazardous Materials Information Reporting System  
PADS:..... PCB Activity Database System  
ERNS:..... Emergency Response Notification System  
NPL Liens:..... Federal Superfund Liens  
TSCA:..... Toxic Substances Control Act  
MLTS:..... Material Licensing Tracking System  
RODS:..... Records Of Decision  
CONSENT:..... Superfund (CERCLA) Consent Decrees  
NY Spills:..... Spills Information Database  
Coal Gas:..... Former Manufactured gas (Coal Gas) Sites

Unmapped (orphan) sites are not considered in the foregoing analysis.

### Search Results:

Search results for the subject property and the search radius, are listed below:

### Subject Property:

The subject property was identified in the following government records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
ATLANTIC WOOD IND. INC. RT. 1, BOX 204-SCHOHARIE TURNPIKE ATHENS, NY 12015	AST	N/A
ATLANTIC WOOD INDUSTRIES INC SCHOHARIE TURNPIKE ATHENS, NY 12015	AST	N/A

## EXECUTIVE SUMMARY

ATLANTIC WOOD INDUSTRIES INC  
SCHOHARIE TURNPIKE ROAD  
WEST ATHENS, NY 12015

FINDS NYD095240610  
RCRIS-LQG  
TRIS  
CORRACTS

## EXECUTIVE SUMMARY

### Surrounding Properties:

Sites with an elevation equal to or higher than the subject property are in the left hand column; those with a lower elevation are in the right hand column. Page numbers refer to the EDR Radius Map report where detailed data on individual sites may be reviewed.

Sites listed in *bold italics* are in multiple databases.

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
JOEL VANKUREN RESIDENCE	LUST
NIMO CTY RT 74	LUST
VALLEY OIL CO.	LUST
IN & OUT EXTRA MART	LUST
CATSKILL HIGHWAY DEPT.	LUST
EXTRA MART SUNOCO RT. 23B	LUST
CATSKILL MOTOR LODGE 23B	LUST
TWY MAINT BLDG EXIT 21	LUST
TUCZYNSKI RESIDENCE/DKTK	LUST
CARSON CITY RT 32	LUST
GREENE CO. WELDING RT 32	LUST
TUCZYNSKI RESIDENCE/DKTK	LUST
PAVLIN RES RT 385	LUST
CATSKILL MARINA	LUST, NY Spills
CAUTERSKILL RD SEALER	LUST
CUMBERLAND FARM JEFFERSON	LUST, NY Spills
CUMBERLAND FARMS 3150	RCRIS-SQG, FINDS, LUST
NIAGARA MOHAWK LEEDS SUBSTATION	UST
XTRA MART #1451-BRIDGE APPROACH	UST
DAVES TOWING INC	UST, AST
CATSKILL MOTOR LODGE	UST, AST
TOWN OF CATSKILL HIGHWAY DEPT.	UST, AST
CATSKILL XTRA MART	UST
RED RANCH MOTEL	UST
GALLAGHER'S GARAGE, INC.	UST, AST
STEWART'S ICE CREAM CO INC 298	UST
CATSKILL SECTION MAINT MP113.3	UST, AST
TOWN OF CATSKILL-LANDFILL	UST
D AND D AUTO	UST
SLEEPY HOLLOW LAKE WATER COMPANY	AST
TRAVCO INDUSTRIAL PROPERTIES	AST
GRAND INDUSTRIES PROPERTIES	RCRIS-SQG, FINDS
CATSKILL NICE N EASY	RCRIS-SQG, FINDS
XTRA MART	RCRIS-SQG, FINDS
CHARLIE'S AUTO BODY	RCRIS-SQG, FINDS
NYS BRIDGE AUTH - RIP VAN WINKLE	RCRIS-SQG, FINDS
NYS DOT BIN 1047370	FINDS, RCRIS-LQG
WORMUTH BROTHERS FOUNDRY INC	FINDS, RCRIS-LQG
GRUMMAN OLSON DIV OF GRUMMAN ALLIE	FINDS, RCRIS-LQG
NYS DOT BIN 1022380	FINDS, RCRIS-LQG
NYS THRUWAY AUTH	FINDS, RCRIS-LQG



## GEOCHECK VERSION 2.1 SUMMARY

### GEOLOGIC AGE IDENTIFICATION†

Geologic Code: O2  
 Era: Paleozoic  
 System: Ordovician  
 Series: Middle Ordovician (Mohawkian)

### ROCK STRATIGRAPHIC UNIT†

Category: Stratified Sequence

### GROUNDWATER FLOW INFORMATION

General Topographic Gradient: Undeterminable  
 General Hydrogeologic Gradient: The hydrogeologic data for this report indicates that groundwater flow generally is to the SSE. However, because of the number and/or location of wells, the various depths of aquifers or other insufficient data, the direction of groundwater flow is uncertain.

Note: In a general way, the water table typically conforms to surface topography.‡

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2442073-C7 HUDSON NORTH, NY

### FEDERAL DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>	<u>LITHOLOGY</u>	<u>DEPTH TO WATER TABLE</u>
North	>2 Miles	Shale	40 ft.
East	1 - 2 Miles	Shale	24 ft.
South	>2 Miles	Shale	30 ft.
West	1/2 - 1 Mile	Sandstone and shale	6 ft.

### STATE DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>
Eastern	1 - 2 Miles
Southern	>2 Miles
Western	>2 Miles

### PUBLIC WATER SUPPLY SYSTEM INFORMATION (EPA-FRDS)

Searched by Nearest Well.

Location Relative to TP: 1/2 - 1 Mile West  
 PWS Name: TWIN PONDS APARTMENTS  
 ATHENS, NY 12015

Well currently has or has had major violation(s): Yes

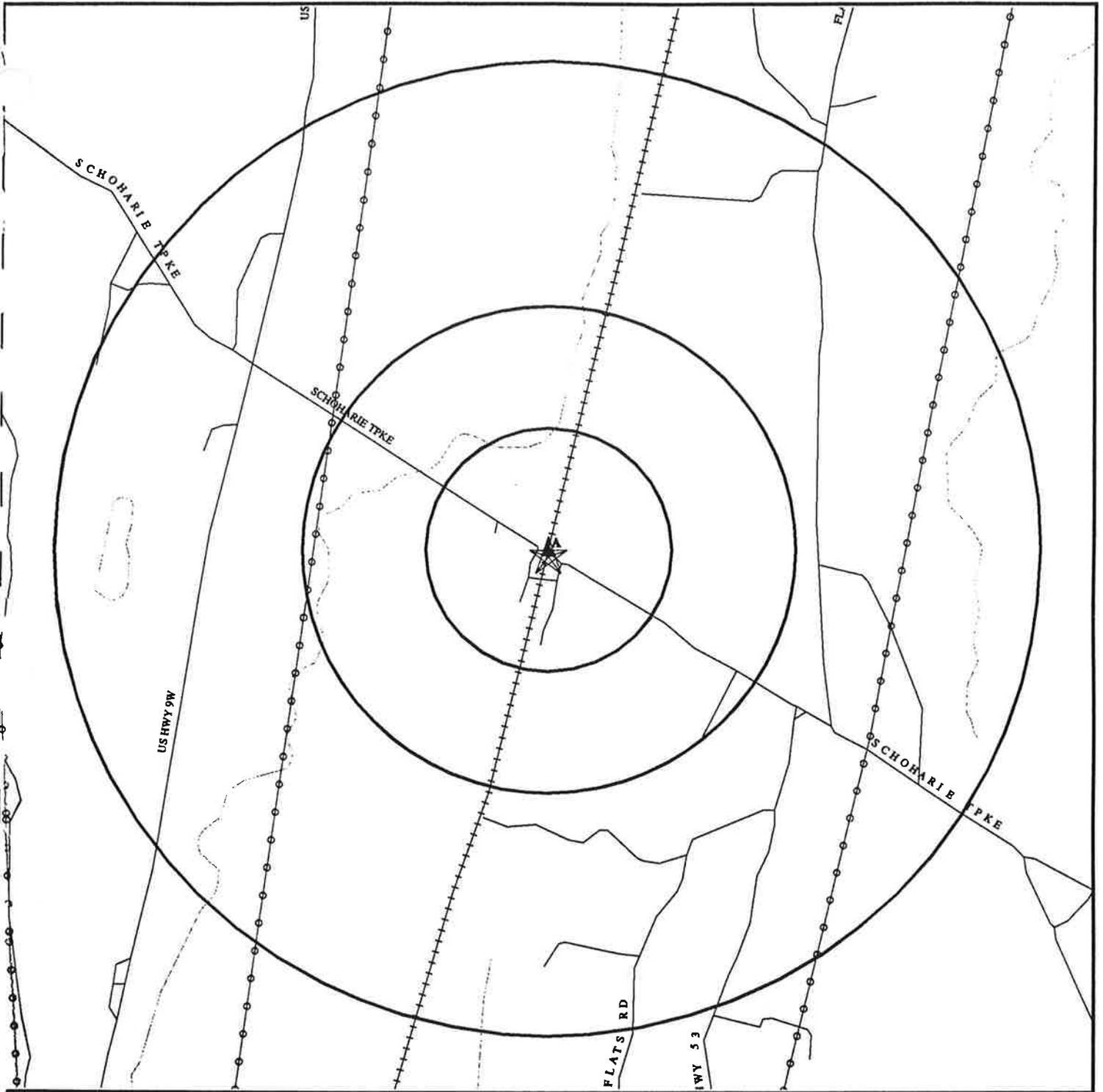
### AREA RADON INFORMATION

GREENE COUNTY, NY

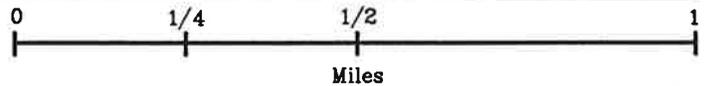
Number of sites tested: 19

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area	1.170 pCi/L	95%	5%	0%
Basement	2.910 pCi/L	47%	53%	0%

† Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).  
 ‡ U.S. EPA Ground Water Handbook, Vol I: Ground Water and Contamination, Office of Research and development EPA/625/6-90/016a, Chapter 4, page 78, September 1990.



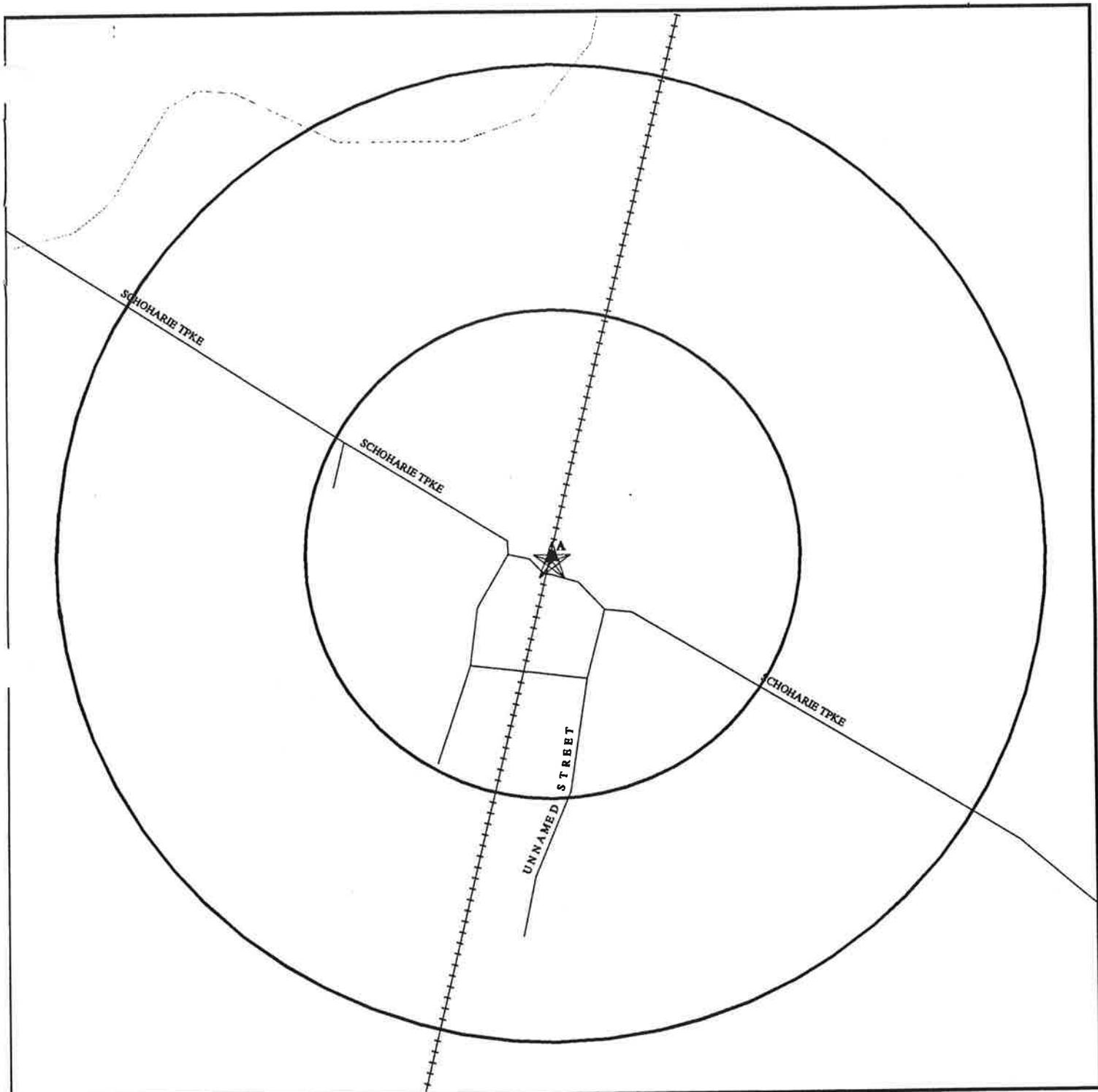
- ★ - Indicates TARGET PROPERTY.
- ▲ - Indicates sites at elevations higher than or equal to the target property.
- ◊ - Indicates sites at elevations lower than the target property.
- ▲ (with vertical lines) - Coal Gasification Sites (if requested)
- ⌋ - National Priority List Sites



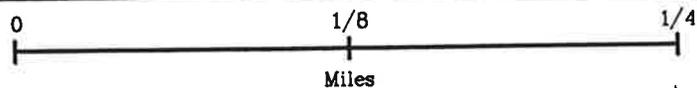
- ⚡ - Power transmission lines (USGS DLG, 1993)
- ⚡ (with cross-hatching) - Oil & Gas pipelines (USGS DLG, 1993)

**TARGET PROPERTY:** Atlantic Wood Industries  
**ADDRESS:** Schoharie Tpke.  
**CITY/STATE/ZIP:** West Athens NY 12015  
**LAT/LONG:** 42.2862 / 73.8425

**CUSTOMER:** Groundwater Technology, Inc  
**CONTACT:** Karen Durkin  
**INQUIRY #:** 194703.4p  
**DATE:** October 30, 1995



- ★ - Indicates TARGET PROPERTY.
- ▲ - Indicates sites at elevations higher than or equal to the target property.
- ◆ - Indicates sites at elevations lower than the target property.
- ▲ (with vertical lines) - Coal Gasification Sites (if requested)
- (with vertical lines) - Sensitive Receptors
- ⌋ - National Priority List Sites



- ⚡ - Power transmission lines (USGS DLG, 1993)
- ⚡ (with vertical lines) - Oil & Gas pipelines (USGS DLG, 1993)

<p><b>TARGET PROPERTY:</b> Atlantic Wood Industries  <b>ADDRESS:</b> Schoharie Tpke.  <b>CITY/STATE/ZIP:</b> West Athens NY 12015  <b>LAT/LONG:</b> 42.2862 / 73.8425</p>	<p><b>CUSTOMER:</b> Groundwater Technology, Inc  <b>CONTACT:</b> Karen Durkin  <b>INQUIRY #:</b> 194703.4p  <b>DATE:</b> October 30, 1995</p>
---	---

## MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		1.000	0	0	0	0	NR	0
State Haz. Waste		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS	X	1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
AST	X	0.125	0	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Lg. Quan. Gen.	X	0.250	0	0	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS	X	TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
NY Spills		TP	NR	NR	NR	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

## MAP FINDINGS SUMMARY SHOWING ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		1.000	0	0	0	0	NR	0
State Haz. Waste		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS	X	1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
AST	X	0.125	0	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Lg. Quan. Gen.	X	0.250	0	0	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS	X	TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
NY Spills		TP	NR	NR	NR	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

**Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.**

A3 Target Property	ATLANTIC WOOD IND. INC. RT. 1, BOX 204-SCHOHARIE TURNPIKE ATHENS, NY 12015	AST	U000724834 N/A
A2 Target Property	ATLANTIC WOOD INDUSTRIES INC SCHOHARIE TURNPIKE ATHENS, NY 12015	AST	U001845060 N/A
A1 Target Property	ATLANTIC WOOD INDUSTRIES INC SCHOHARIE TURNPIKE ROAD WEST ATHENS, NY 12015	FINDS RCRIS-LQG TRIS CORRACTS	1000153434 NYD095240610

**CORRACTS Data:**  
 Prioritization: Not reported  
 Status: RCRA Facility Investigation Completed

**RCRIS:**  
 Owner: A G LABROT  
 (912) 964-1234  
 Contact: RICH HALF  
 (518) 945-2660

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D004	.00000 (N)	Notification
D007	.00000 (N)	Notification	D004	2.49400 (M)	Part A
D007	.00100 (P)	Part A			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
ATHENS	1000556900	GRAND INDUSTRIES PROPERTIES	RD 1 SCHOHARIE TNPK	12015	RCRIS-SQG, FINDS	8805673
ATHENS	S100132804	JOEL VANKUREN RESIDENCE	RD 1 BOX 13 RT. 385	12015	LUST	
ATHENS	1000790954	NYSDOT BIN 1047370	RTE 385 OVER MURDERERS CREEK	12015	FINDS, RCRIS-LOG	4-000183
ATHENS	U001959120	SLEEPY HOLLOW LAKE WATER COMPANY	RTE. 385-NORTH END OF VILLAGE	12015	AST	9302412
ATHENS	S100560495	NIMO CITY RT 74	CITY RT 74	12015	FINDS, RCRIS-LOG	
ATHENS	1000549185	WORMUTH BROTHERS FOUNDRY INC	HOWARD HALL RD & SCHOHARIE TNP	12015	UST	4-600151
ATHENS	U001323627	NIAGARA MOHAWK LEEDS SUBSTATION	LEEDS-ATHENS ROAD, CO.RT.74	12015	AST	4-443069
ATHENS	U000383488	TRAVCO INDUSTRIAL PROPERTIES	SCHOHARIE TNPK	12015	FINDS, RCRIS-LOG	
ATHENS	1000300853	GRUMMAN OLSON DIV OF GRUMMAN ALLIE	SCHOHARIE TURNPIKE RD	12414	LUST	8701668
CATSKILL	S100134518	VALLEY OIL CO.	RTE. 23	12414	UST	4-066052
CATSKILL	U001845004	XTRA MART #1451-BRIDGE APPROACH	ROUTE 23	12414	UST, AST	4-072508
CATSKILL	U001845041	DAVES TOWING INC	RT 23	12414	UST, AST	4-057886
CATSKILL	U001845076	CATSKILL MOTOR LODGE	RT 23 B	12414	UST, AST	
CATSKILL	1000552489	CATSKILL NICE N EASY	RTE 23 RIP VAN WINKLE APPROACH	12414	RCRIS-SQG, FINDS	
CATSKILL	1000553308	XTRA MART	RTE 23 B & NYS THRUWAY	12414	UST, AST	4-133760
CATSKILL	U001845253	TOWN OF CATSKILL HIGHWAY DEPT.	RTE 23A	12414	LUST	8907549
CATSKILL	S100133717	IN & OUT EXTRA MART	RT. 23B @ EXIT 21 THRUWAY	12414	LUST	8709065
CATSKILL	S100134986	CATSKILL HIGHWAY DEPT.	RT 23B	12414	LUST	9100424
CATSKILL	S100136541	EXTRA MART SUNOCO RT. 23B	RT. 23B	12414	LUST	9306119
CATSKILL	S100780860	CATSKILL MOTOR LODGE 23B	RT. 23B	12414	LUST	9401094
CATSKILL	S101174205	TWY MAINT BLDG EXIT 21	RT. 23B @ EXIT 21	12414	LUST	4-163988
CATSKILL	U001845468	CATSKILL XTRA MART	RT 23B	12414	UST	8709969
CATSKILL	S100135099	TUCZYNSKI RESIDENCE/DKTK	RD 3 BOX 74 RT. 385	12414	LUST	9101392
CATSKILL	S100663731	CARSON CITY RT 32	RT. 32	12414	LUST	9109610
CATSKILL	S100663757	GREENE CO. WELDING RT 32	RT. 32	12414	LUST	4-086150
CATSKILL	U000382342	RED RANCH MOTEL	4555 RT. 32	12414	UST	4-428507
CATSKILL	U000383265	GALLAGHER'S GARAGE, INC.	RTE. 32	12414	UST, AST	
CATSKILL	1000364275	CHARLIE'S AUTO BODY	RT 32	12414	RCRIS-SQG, FINDS	
CATSKILL	1000790951	NYSDOT BIN 1022380	RTE 32 OVER KISKATOM CREEK	12414	FINDS, RCRIS-LOG	8710017
CATSKILL	S100163902	TUCZYNSKI RESIDENCE/DKTK	RT. 385 RD #3 BOX 74	12414	LUST	9409539
CATSKILL	S101340551	PAVLIN RES RT 385	RT 385	12414	LUST	
CATSKILL	1000552669	NYS THRUWAY AUTH	BRG MP 110.01 RTE 23A	12414	FINDS, RCRIS-LOG	8706511
CATSKILL	S100134855	CATSKILL MARINA	CATSKILL MARINA	12414	LUST, NY Spills	9204877
CATSKILL	S100664687	CAUTERSKILL RD SEALER	CAUTERSKILL RD NEAR RT 23	12414	UST	4-485004
CATSKILL	U001845896	STEWART'S ICE CREAM CO INC 298	CO.RT.23B AT THRUWAY EXIT 21	12414	UST	9311834
CATSKILL	S100781613	CUMBERLAND FARM JEFFERSON	145 JEFFERSON AVE.	12414	LUST, NY Spills	9309372
CATSKILL	1000552364	CUMBERLAND FARMS 3150	145 JEFFERSON HEIGHTS RTE 23	12414	RCRIS-SQG, FINDS, LUST	4-141267
CATSKILL	U001845317	CATSKILL SECTION MAINT MP113.3	NEW YORK STATE THRUWAY	12414	UST, AST	
CATSKILL	1000458005	NYS BRIDGE AUTH - RIP VAN WINKLE	RIP VAN WINKLE BRG PLZ RTE 23	12414	RCRIS-SQG, FINDS	4-133744
CATSKILL	U001845252	TOWN OF CATSKILL-LANDFILL	GR RTE 47	12414	UST	4-075477
CATSKILL	U001845053	D AND D AUTO	STAR ROUTE BOX 41	12414	UST	

# GEOCHECK VERSION 2.1 ADDENDUM FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (North Quadrant)

## BASIC WELL DATA

Site ID:	421844073495801	Distance from TP:	>2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Greene
Altitude:	180.00 ft.	State:	New York
Well Depth:	500.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	40.00 ft.	Prim. Use of Site:	Unused
Date Measured:	Not Reported	Prim. Use of Water:	Unused

## LITHOLOGIC DATA

Geologic Age ID (Era/System/Series):	Ordovician-Lower
Principal Lithology of Unit:	Shale
Further Description:	Not Reported

## WATER LEVEL VARIABILITY

Not Reported

# GEOCHECK VERSION 2.1 FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (East Quadrant)

## BASIC WELL DATA

Site ID:	421716073491901	Distance from TP:	1 - 2 Miles
Site Type:	Single well, other than collector or Ranney type	County:	Greene
Year Constructed:	Not Reported	State:	New York
Altitude:	160.00 ft.	Topographic Setting:	Not Reported
Well Depth:	65.00 ft.	Prim. Use of Site:	Withdrawal of water
Depth to Water Table:	24.00 ft.	Prim. Use of Water:	Stock
Date Measured:	Not Reported		

## LITHOLOGIC DATA

Geologic Age ID (Era/System/Series):	Ordovician-Lower
Principal Lithology of Unit:	Shale
Further Description:	Not Reported

## WATER LEVEL VARIABILITY

Not Reported

**GEOCHECK VERSION 2.1**  
**FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (South Quadrant)

**BASIC WELL DATA**

Site ID:	421531073500401	Distance from TP:	>2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Greene
Altitude:	110.00 ft.	State:	New York
Well Depth:	400.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	30.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

**LITHOLOGIC DATA**

Geologic Age ID (Era/System/Series):	Ordovician-Lower
Principal Lithology of Unit:	Shale
Further Description:	Not Reported

**WATER LEVEL VARIABILITY**

Not Reported

**GEOCHECK VERSION 2.1**  
**FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (West Quadrant)

**BASIC WELL DATA**

Site ID:	421727073511201	Distance from TP:	1/2 - 1 Mile
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Greene
Altitude:	160.00 ft.	State:	New York
Well Depth:	75.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	6.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

**LITHOLOGIC DATA**

Geologic Age ID (Era/System/Series):	Ordovician-Middle
Principal Lithology of Unit:	Sandstone and shale
Further Description:	Not Reported

**WATER LEVEL VARIABILITY**

Not Reported

# GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

**Water Well Information:**

Well Closest to Target Property (Eastern Quadrant)

Public Water Supply #:	1900033	Source ID:	001
PW Supply Name:	TANNERSVILLE VILLAGE		
Source Name:	RESERVOIR #1		
Source Description:	Surface	Source Type:	Source Record
Availability/Utilization:	Permanent Utilization	Longitude:	-740913
Latitude:	421232	Fed ID of Seller:	Not Reported
Source Prod Capacity:	1250000 Gallons	Watershed Sub-basin:	02
Watershed Basin:	12	Date of rec Last Update:	19941108
Treatment Plant ID:	P006	Record Tag:	Existing Record
Water Type:	Not Reported		

Well Closest to Target Property (Southern Quadrant)

Public Water Supply #:	1900033	Source ID:	004
PW Supply Name:	TANNERSVILLE VILLAGE		
Source Name:	DIBBLE'S DAM-SCHOHARIE CR (AUXIL)		
Source Description:	Surface	Source Type:	Source Record
Availability/Utilization:	Emergency Utilization	Longitude:	-740905
Latitude:	420750	Fed ID of Seller:	Not Reported
Source Prod Capacity:	100000 GPD	Watershed Sub-basin:	00
Watershed Basin:	12	Date of rec Last Update:	19941108
Treatment Plant ID:	P006	Record Tag:	Existing Record
Water Type:	Not Reported		

Well Closest to Target Property (Western Quadrant)

Public Water Supply #:	0310363	Source ID:	001
PW Supply Name:	MOUNT ETRICK TERRACE		
Source Name:	DRILLED WELL		
Source Description:	Groundwater	Source Type:	Source Record
Availability/Utilization:	Permanent Utilization	Longitude:	-755856
Latitude:	421328	Fed ID of Seller:	Not Reported
Source Prod Capacity:	0	Watershed Sub-basin:	03
Watershed Basin:	06	Date of rec Last Update:	Not Reported
Treatment Plant ID:	Not Reported	Record Tag:	Not Reported
Water Type:	Not Reported		

**GEOCHECK VERSION 2.1**  
**PUBLIC WATER SUPPLY SYSTEM INFORMATION**

Searched by Nearest Well.

**PWS SUMMARY:**

PWS ID:	NY0005402	PWS Status:	Active	Distance from TP:	1/2 - 1 Mile
Dir relative to TP:	West	Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	TWIN PONDS APARTMENTS ATHENS, NY 12015				

Addressee / Facility Type:	System Owner/Responsible Party
Facility Name:	RILES MIKE KENT & HAROLDSEN ASSOC.,INC P.O. BOX 127, BROADWAY STATION ALBANY, NY 12207

Facility Latitude:	42 17 34	Facility Longitude:	073 51 23
City Served:	ATHENS	Population Served:	Not Reported:
Treatment Class	Not Reported		

Well currently has or has had major violation(s): Yes

**VIOLATIONS INFORMATION:**

Not Reported

## EPA Waste Codes Addendum

Code	Description
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D000	NOT DEFINED
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D004	ARSENIC
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D007	CHROMIUM
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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

## FEDERAL ASTM RECORDS:

**CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS

Telephone: 703-416-0702

CERCLIS: CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/95

Date Made Active at EDR: 09/13/95

Date of Data Arrival at EDR: 08/09/95

Elapsed ASTM days: 35

**ERNS:** Emergency Response Notification System

Source: EPA

Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/94

Date Made Active at EDR: 05/25/95

Date of Data Arrival at EDR: 04/11/95

Elapsed ASTM days: 44

**NPL:** National Priority List

Source: EPA

Telephone: 703-603-8852

NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 09/01/95

Date Made Active at EDR: 10/25/95

Date of Data Arrival at EDR: 10/17/95

Elapsed ASTM days: 8

**RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 703-308-7907

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 05/31/95

Date Made Active at EDR: 08/22/95

Date of Data Arrival at EDR: 06/28/95

Elapsed ASTM days: 55

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEDERAL NON-ASTM RECORDS:

### CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies

Date of Next Scheduled Update: 09/01/95

### CORRACTS: Corrective Action Report

Source: EPA

Telephone: 703-308-7907

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/95

Date of Next Scheduled Update: 02/01/96

### FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 800-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 07/27/94

Date of Next Scheduled Update: 01/28/96

### HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/94

Date of Next Scheduled Update: 02/28/96

### MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/01/95

Date of Next Scheduled Update: 02/18/96

### NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-260-8969

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Date of Next Scheduled Update: 01/31/96

### PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3992

PADS: PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/94

Date of Next Scheduled Update: 01/16/96

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**RAATS: RCRA Administrative Action Tracking System**

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/95

Date of Next Scheduled Update: 02/17/96

**ROD: Records Of Decision**

Source: NTIS

Telephone: 703-416-0703

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 03/31/95

Date of Next Scheduled Update: 03/03/96

**TRIS: Toxic Chemical Release Inventory System**

Source: EPA/NTIS

Telephone: 202-260-2320

TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/92

Date of Next Scheduled Update: 02/10/96

**TSCA: Toxic Substances Control Act**

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 01/31/95

Date of Next Scheduled Update: 03/02/96

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE OF NEW YORK ASTM RECORDS:

### LUST: Spills Information Database

Source: Department of Environmental Conservation  
Telephone: 518-457-2462

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 06/01/95  
Date Made Active at EDR: 08/21/95

Date of Data Arrival at EDR: 07/10/95  
Elapsed ASTM days: 42

### SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Source: Department of Environmental Conservation  
Telephone: 518-457-0747

SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/30/95  
Date Made Active at EDR: 07/25/95

Date of Data Arrival at EDR: 06/19/95  
Elapsed ASTM days: 36

### SWF/LS: Facility Register

Source: Department of Environmental Conservation  
Telephone: 518-457-2051

SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/30/94  
Date Made Active at EDR: 04/04/95

Date of Data Arrival at EDR: 02/25/95  
Elapsed ASTM days: 38

### UST: Petroleum Bulk Storage (PBS, CBS, MOSF) Database

Source: Department of Environmental Conservation  
Telephone: 518-457-4351

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/12/95  
Date Made Active at EDR: 10/02/95

Date of Data Arrival at EDR: 08/28/95  
Elapsed ASTM days: 35

## STATE OF NEW YORK NON-ASTM RECORDS:

### AST: Petroleum Bulk Storage

Source: Department of Environmental Conservation  
Telephone: 518-457-4351

AST: Aboveground Storage Tanks.

Date of Government Version: 07/12/95

Date of Next Scheduled Update: 11/06/95

## Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

## Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

### **DELISTED NPL:** Delisted NPL Sites

Source: EPA

Telephone: 703-603-8769

**DELISTED NPL:** The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

### **NFRAP:** No Further Remedial Action Planned

Source: EPA/NTIS

Telephone: 703-416-0702

**NFRAP:** As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

### **FRDS:** Federal Reporting Data System

Source: EPA/Office of Drinking Water

FRDS provides information regarding public water supplies and their compliance with monitoring requirements, maximum contaminant levels (MCL's), and other requirements of the Safe Drinking Water Act of 1986.

**Area Radon Information:** The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

**Sensitive Receptors:** There are individuals who, due to their fragile immune systems, are deemed to be especially sensitive to environmental discharges. These typically include the elderly, the sick, and children. While the exact location of these sensitive receptors cannot be determined, EDR indicates those facilities, such as schools, hospitals, day care centers, and nursing homes, where sensitive receptors are likely to be located.

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1994 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

**New York Public Water Wells**

Source: New York Department of Health

VISTA ENVIRONMENTAL INFORMATION, INC.

**General Records Found Under Site Description**

Facility Name : ATLANTIC WOOD IND. INC.  
Facility Address : RT. 1, BOX 204-SCHOHARIE TURNP  
Facility City/Zip : ATHENS, NY 12015  
Facility County : NOT REPORTED  
VISTA # : 742992

**UST Record Details**

Agency ID Number:4-000073

**Owner Information**

Owner Name: ATLANTIC WOOD IND. I  
Owner Address: P.O. BOX 1608  
Owner City: SAVANNAH  
Owner State: GA  
Owner Zip: 31402

**Tank Information**

Number of Above Ground Tanks: 4

**Tanks Details**

Tank Id: 500A  
Tank Size: 4888 GALLONS  
Tank Status: ACTIVE/IN SERVICE  
Tank Material: BARE STEEL  
Pipe Type: BARE STEEL  
Leak Monitor: NO MONITOR

Tank Id: 300A  
Tank Size: 18000 GALLONS  
Tank Status: ACTIVE/IN SERVICE  
Tank Material: BARE STEEL  
Pipe Type: BARE STEEL  
Leak Monitor: NO MONITOR

ATLANTIC WOOD IND. INC. (continued)

Tank Id: 200A  
Tank Size: 18000 GALLONS  
Tank Status: ACTIVE/IN SERVICE  
Tank Material: BARE STEEL  
Pipe Type: BARE STEEL  
Leak Monitor: NO MONITOR

Tank Id: 100A  
Tank Size: 18000 GALLONS  
Tank Status: ACTIVE/IN SERVICE  
Tank Material: BARE STEEL  
Pipe Type: BARE STEEL  
Leak Monitor: NO MONITOR

VISTA ENVIRONMENTAL INFORMATION, INC.

**General Records Found Under Site Description**

Facility Name : ATLANTIC WOOD INDUSTRIES  
Facility Address : SCHOHARIE TNPKE OF RT. 9  
Facility City/Zip : ATHENS, NY  
Facility County : NOT REPORTED

VISTA Enhanced  
City/Zip : ATHENS , 12015  
VISTA # : 1347318

**State Spill Record Details**

Agency ID Number:9001229

**Owner Information**

Resp. Name: ATLANTIC WOOD IND.  
Resp. Address: RT. 1 BOX 204  
Resp. City: ATHENS

**Spill Details**

Incident Date: 05/02/90  
Quantity: 3.00 POUNDS  
Media Affected: SOIL/LAND/SAND  
Spill Cause: MECHANICAL FAILURE  
Remediation Status: CASE CLOSED/CLEANUP COMPLETE

**UST Record Details**

Agency ID Number:4-000073

**Owner Information**

Owner Name: ATLANTIC WOOD INDUST  
Owner Address: BOX 1608  
Owner City: SAVANNAH  
Owner State: GA  
Owner Zip: 31498

Tank Information

Number of Above Ground Tanks: 4

Tanks Details

Tank Id: 4A  
Tank Contents: KEROSENE  
Tank Size: 300 GALLONS  
Tank Status: ACTIVE/IN SERVICE  
Tank Material: BARE STEEL  
Pipe Type: BARE STEEL  
Leak Monitor: UNKNOWN

Tank Id: 3A  
Tank Contents: UNLEADED GAS  
Tank Size: 300 GALLONS  
Tank Status: ACTIVE/IN SERVICE  
Tank Material: BARE STEEL  
Pipe Type: BARE STEEL  
Leak Monitor: UNKNOWN

Tank Id: 2A  
Tank Contents: DIESEL  
Tank Size: 550 GALLONS  
Tank Status: ACTIVE/IN SERVICE  
Tank Material: BARE STEEL  
Pipe Type: BARE STEEL  
Leak Monitor: UNKNOWN

Tank Id: 1A  
Tank Contents: FUEL OIL  
Tank Size: 18000 GALLONS  
Tank Status: ACTIVE/IN SERVICE  
Tank Material: BARE STEEL  
Pipe Type: BARE STEEL  
Leak Monitor: UNKNOWN

VISTA ENVIRONMENTAL INFORMATION, INC.

**General Records Found Under Site Description**

Facility Name : ATLANTIC WOOD INDUSTRIES INC  
Facility Address : SCHOHARIE TNPK RD  
Facility City/Zip : WEST ATHENS, NY 12015  
Facility County : GREENE

VISTA Enhanced  
City/Zip : ATHENS , 12015  
VISTA # : 1532116

**Industry Description**

Sic Code:2491 - MFG-WOOD PRESERVING

**FINDS Record Details**

EPA ID Number:NYD095240610

**Agency Id Information**

Program Name: TOXICS-TRIS  
Agency Id: 12015TLNTCSCHOH

Program Name: Haz Waste  
Agency Id: NYD095240610

**RCRA Record Details**

EPA ID Number:NYD095240610

**Generator Details**

Waste Quantity Class: Generates at least 1000 kg./month of non-acutely hazardous waste ( or 1 kg./month of acutely hazardous waste).

**TRIS Record Details**

EPA ID Number:NYD095240610

Agency ID Number:12015TLNTCSCHOH

<b>CAS Number</b>	<b>Chemical Name</b>	<b>Total Qty.</b>
NA	Reportable Chemical Compound	250 lbs.
NA	Reportable Chemical Compound	150 lbs.
NA	Reportable Chemical Compound	220 lbs.

**RCRA Record Details**

Transporter Details

Transports hazardous waste by highway

VISTA ENVIRONMENTAL INFORMATION, INC.

**Compliance Records Found Under Site Description**

Facility Name : ATLANTIC WOOD INDUSTRIES INC  
Facility Address : SCHOHARIE TURNPIKE ROAD  
Facility City/Zip : WEST ATHENS, NY 12015  
Facility County : NOT REPORTED

VISTA Enhanced  
City/Zip : ATHENS , 12015  
VISTA # : 3935054

EPA ID: NYD095240610

**RCRA COMPLIANCE INFORMATION**

*RCRA compliance evaluations are conducted by the US EPA or the state agency responsible for the RCRA program. The following is a summary of the facility's current compliance status and a listing of all RCRA evaluations. The current compliance status indicates any outstanding (not yet corrected) non-compliance issues found during one of the listed evaluations or after appropriate testing is completed by the agency.*

**RCRA Compliance Status:** In Compliance

**RCRA Compliance History:**

Evaluations with at least one Class One Violation: 0

**Evaluations**

None

**Violations**

None

**EPA Enforcements**

None

**State Enforcements**

None

**EPA Oversight Enforcements**

None

VISTA ENVIRONMENTAL INFORMATION, INC.

**Spill Records Found Under Site Description**

Facility Name : ATLANTIC WOOD IND  
Facility Address : SCHOHARIE TURNPIKE A  
Facility City/Zip : ATHENS, NY  
Facility County : GREENE

VISTA Enhanced  
City/Zip : ATHENS , 12015  
VISTA # : 200077390

**ERNS Spill Record Details**

**ERNS Spill Details**

Spill Date : 05/02/1990 Vista ID#: 200077390  
Spill Time : 10:30 AM Case Number: 20123  
Spill Location : SCHOHARIE TURNPIKE ATLANTIC WOOD IND  
Spill City : ATHENS  
Spill State : NY  
Spill Zip :  
VISTA Enhanced Zip : 12015  
Spill County : GREENE  
Source/Agency :  
Discharger Name : SMIGEL, JEFF  
Discharger Org : ATLANTIC WOOD IND  
Discharger Addr : POB 1608  
Discharger Phone : 912-964-1234  
Discharger County :  
Discharger City : SAVANAH  
Discharger St/Zip : GA, 31498  
Material Spilled : ARSENIC PENTAOXIDE , 00000003.00 , LBS  
Medium Affected : Land  
Water Way Affected : SOIL

## APPENDIX 1

### Explanation of VISTA's Database Search for this Report:

Environmental reporting from the EPA and other government agencies is often inconsistent. The same facility or property may be listed many different ways. A facility may have more than one name (e.g., 'Smith's Garage' and 'Exxon Service Station #12') or an inconsistent presentation of the same name. A street name may also be known by more than one name (e.g., 'Main Street' is also known as 'Route 9'). An area may have more than one city name. City names also are frequently abbreviated.

To provide you with the most complete search of government records possible, VISTA does extensive computerized matching of records to combine agency data from different various sources. VISTA also performs address verification to the Post Office's Zip+4 database to assure the accuracy of the city and zip code information.

The additional search criteria indicated on Page 1 were used to further enhance the search for government records. This report comprises all VISTA records which fit any of the following conditions relative to the subject property:

### Search Criteria

- matching street number, street name, city but no zip code:
- matching street number, street name, zip code:
- within 10 street numbers with matching facility name:
- no street number, but matching street name, city or zip and facility name:
- intersection of matching street name, matching city or zip and facility name:
- no street number or street name with matching city or zip and facility name:
- P.O. Box with matching city or zip and facility name:

### Limitations of Information:

All data contained in this report was obtained from the federal and state government environmental databases. VISTA does not warrant the accuracy, timeliness, merchantability, completeness or usefulness of any information furnished, and the subscriber accepts any and all risks resulting from decisions made based solely or in part on VISTA information.

# FACILITY RISK PROFILE

## FEDERAL AGENCY RECORDS SEARCHED

Agency	Database	Type of Record	Database Currency
US EPA	NPL	Federal Superfund Sites	05/94
US EPA	CERCLIS	Sites Under Review by US EPA	04/94
US EPA	TRIS	Facilities Releasing Toxic Chemicals	08/93
US EPA	CICIS	Chemical Producers (as of 1981)	05/86
US EPA	FATES	Manufacturers or Processors of Pesticides	10/93
US EPA	PCS	Site with NPDES Water Dischg. Permit	07/93
US EPA	CDS AIRS	Produces Hazardous Air Emissions	09/93
US EPA	RCRIS	Hazardous Waste Handlers	07/93
US EPA	CORRACTS	RCRA Corrective Action Site	01/94
US EPA	RAATS	RCRA Administrative Action Site	02/94
US EPA	PADS	PCB Handler	10/93
US EPA	FRDS	Operators of a Pub. Drinking Water Sys.	09/93
US EPA	FINDS	Site on EPA's Facility Index System	04/94
US EPA	ERNS	Spill Sites	09/93
US DoL	OSHA	Facilities with OSHA Inspections	12/93
US EPA	FTTS	FIFRA/TSCA/EPCRA Compliance Sites	03/94
US EPA	SETS	Superfund Potentially Responsible Parties	01/94
US EPA	DOCKETS	Sites listed in Civil Enforcement System	04/94

## NEW YORK STATE AGENCY RECORDS SEARCHED

Agency	Type of Record	Database Currency
Department of Environmental Conservation, Bureau of Hazardous Site Control	Inactive Hazardous Waste Disposal Sites	05/93
Department of Environmental Conservation	LUST (Tank Test Failures) Database	01/94
Department of Environmental Conservation, Bureau of Municipal Waste	Recycler's Listing	04/93
Department of Environmental Conservation, Bureau of Waste Management	Incinerators-Resource Recovery Projects	01/93

**NEW YORK State Agency Databases Searched (continued)**

Agency	Type of Record	Database Currency
Department of Environmental Conservation, Division of Municipal Waste	Active Solid Waste Disposal Sites	03/94
Department of Environmental Conservation, Petroleum Bulk Storage Program	Aboveground Storage Tanks	01/94
Cortland County Health Department, Division of Environmental Health	Cortland County Petroleum Bulk Storage- Aboveground Tanks	05/94
Rockland County Department of Health	Rockland County Petroleum Bulk Storage- Aboveground Tanks	05/94
Suffolk County Department of Health Services	Suffolk County Petroleum Bulk Storage- Aboveground Tanks	01/93
Department of Environmental Conservation, Petroleum Bulk Storage Program	Underground Storage Tank Database	01/94
Cortland County Health Department, Division of Environmental Health	Cortland County Petroleum Bulk Storage Database	05/94
Rockland County Department of Health	Rockland County Petroleum Bulk Storage Database	05/94
Suffolk County Department of Health Services	Suffolk County Petroleum Bulk Storage Database	01/93
Department of Environmental Conservation	Spills Database	01/94

**INVENTORY OF ENVIRONMENTAL RECORDS REVIEWED**  
**Records of Existing and Potential Contamination**

Agency/Database	Type of Record	List Available	Record Found	Rec. Not Found
US EPA NPL	FEDERAL SUPERFUND SITE	Y		X
US EPA CERCLIS	POTENTIAL SUPERFUND SITE	Y		X
US EPA CORRACTS	CORRECTIVE ACTIONS SITE	Y		X
US EPA ERNS	SPILL NOTIFICATION	Y	X	
STATE PRIORITY	CONTAMINATED SITE	Y		X
STATE LUST	LEAKING TANKS SITE	Y		X
STATE SOLID WASTE	SOLID WASTE SITE	Y		X
STATE SPILL	SPILL SITE	Y	X	

**Records Indicating Hazardous Materials or Environmental Permits Present**

Agency/Database	Type of Record	List Available	Record Found	Rec. Not Found
US EPA RCRIS	HAZ WASTE TSD SITE	Y		X
US EPA RCRIS	HAZ WASTE TRANSPORTER	Y	X	
US EPA RCRIS	HAZ WASTE GENERATOR	Y	X	
US EPA PADS	PCB HANDLER	Y		X
US EPA CICIS	CHEMICAL PRODUCER SITE	Y		X
US EPA TRIS	TOXIC CHEMICALS RELEASED	Y	X	
US EPA PCS	WASTE WATER PERMIT	Y		X
US EPA CDS AIRS	HAZARDOUS AIR EMISSIONS	Y		X
US EPA FATES	PESTICIDES PROCESSOR	Y		X
US EPA FRDS	PUBLIC WATER SUPPLY	Y		X
US EPA FINDS	FACILITY INDEX SYSTEM	Y	X	
STATE UST/AST	TANK SITES	Y	X	

**Records of Environmental Compliance**

Agency/Database	Type of Record	List Available	Record Found	Rec. Not Found
US EPA RCRIS	RCRA COMPLIANCE	Y		X
US EPA RAATS	RCRA ADMIN. ACTIONS	Y		X
US EPA PCS	NPDES COMPL/ENF	Y		X
US EPA AIRS	AIR EMISSION COMPLIANCE	Y		X
US EPA FTTS	FIFRA/TSCA/EPCRA COMP	Y		X
US DoL OSHA	OSHA COMPLIANCE	Y		X
US EPA SETS	RESPONSIBLE PARTY	Y		X
US EPA DOCKET	CIVIL JUDICIAL ACTIONS	Y		X

# FIRST UNION CORP TRANSACTION SCREEN REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: 0000001.98.3501 000 SCHOHARIC TURNPIKE RD ATHENS, NY 12015 Latitude/Longitude: ( 42.283556, 73.836604 )	ATLANTIC WOOD ATLANTIC WOOD INC , 00000

ENVIRONMENTAL RISK SUMMARY	<i>Property/ Adjacent Area (w/in 1/8 mi)</i>	<i>Sur- rounding Area (1/8-1 mi)</i>
<b>A) Properties in the area with Known Contamination:</b>		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
Prioritized by the state for clean-up (SPL):	0	0
<b>B) Properties in the area with Potential Contamination:</b>		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
With RCRA violations or enforcement actions by the US EPA (RCRA VIOL):	0	-
Under review by the US EPA (CERCLIS):	0	0
Under review by the state (SCL)	N/A	N/A
With leaking underground storage tanks (LUST)	0	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
<b>C) Properties in the area with Environmentally Sensitive Business Activities:</b>		
With registered aboveground storage tanks (AST):	0	-
With registered underground storage tanks (UST):	0	-

NOTES

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This geographic database search meets the American Society for Testing Materials (ASTM) standards for a government records review. A (-) indicates the search distance exceeds ASTM search parameters.

**LIMITATION OF LIABILITY**

Customer proceeds at its own risk in choosing to rely on VISTA services, in whole or in part, prior to proceeding with any transaction. VISTA cannot be an insurer of the accuracy of the information, errors occurring in conversion of data, or for customer's use of data. VISTA and its affiliated companies, officers, agents, employees and independent contractors cannot be held liable for accuracy, storage, delivery, loss or expense suffered by customer resulting directly or indirectly from any information provided by VISTA.



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# FIRST UNION CORP TRANSACTION SCREEN REPORT

## DESCRIPTION OF DATABASES SEARCHED

### A) DATABASES RECORDING PROPERTIES WITH ACTUAL CONTAMINATION

**NPL**  
**SRC#: 1803** VISTA conducts a database search to identify all sites within 1 mile of your property.  
The agency release date for NPL was May, 1994.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

**SPL**  
**SRC#: 1412** VISTA conducts a database search to identify all sites within 1 mile of your property.  
The agency release date for Inactive Hazardous Waste Disposal Sites was May, 1993.

The New York Department of Environmental Conservation, Bureau of Hazardous Site Control maintains an inventory of facilities subject to investigations concerning likely or threatened releases of hazardous substances from those facilities.

### B) DATABASES RECORDING PROPERTIES WITH POTENTIAL CONTAMINATION

**RCRA-TSD**  
**SRC#: 1372** VISTA conducts a database search to identify all sites within 1 mile of your property.  
The agency release date for RCRIS was July, 1993.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

**CERCLIS**  
**SRC#: 1722** VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for CERCLIS was April, 1994.

The CERCLIS List is a compilation by the EPA of the sites which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (Superfund Act).

**LUST**  
**SRC#: 1691** VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for LUST (Tank Test Failures) Database was January, 1994.

The New York Department of Environmental Conservation maintains an inventory of leaking underground storage tanks.

**SWLF**  
**SRC#: 1332** VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Recycler's Listing was April, 1993.

The New York Department of Environmental Conservation, Bureau of Municipal Waste maintains an inventory of the solid waste facilities in the state.



# FIRST UNION CORP TRANSACTION SCREEN REPORT

**SWLF**  
**SRC#: 1333**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Incinerators-Resource Recovery Projects was January, 1993.

The New York Department of Environmental Conservation, Bureau of Waste Management maintains an inventory of the solid waste facilities in the state.

**SWLF**  
**SRC#: 1784**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Active Solid Waste Disposal Sites was March, 1994.

The New York Department of Environmental Conservation, Division of Municipal Waste maintains an inventory of the solid waste facilities in the state.

**RCRA-Viols**  
**SRC#: 1372**

VISTA conducts a database search to identify all sites within 1/8 mile of your property.  
The agency release date for RCRIS was July, 1993.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste.

## C) DATABASES RECORDING PROPERTIES WITH ENVIRONMENTALLY SENSITIVE BUSINESS ACTIVITIES

**AST's**  
**SRC#: 1667**

VISTA conducts a database search to identify all sites within 1/8 mile of your property.  
The agency release date for Aboveground Storage Tanks was January, 1994.

The New York Department of Environmental Conservation, Petroleum Bulk Storage Program maintains an inventory of registered underground storage tanks (aboveground tanks are reported when included on this list).

**AST's**  
**SRC#: 1786**

VISTA conducts a database search to identify all sites within 1/8 mile of your property.  
The agency release date for Cortland County Petroleum Bulk Storage-Aboveground Tanks was May, 1994.

The New York Cortland County Health Department, Division of Environmental Health maintains an inventory of registered underground storage tanks (aboveground tanks are reported when included on this list).

**UST's**  
**SRC#: 1667**

VISTA conducts a database search to identify all sites within 1/8 mile of your property.  
The agency release date for Underground Storage Tank Database was January, 1994.

The New York Department of Environmental Conservation, Petroleum Bulk Storage Program maintains an inventory of registered aboveground storage tanks (aboveground tanks are reported when included on this list).



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# FIRST UNION CORP TRANSACTION SCREEN REPORT

## RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A			B				C		NOTES
	NPL	SPL	TSD	RCRA VIOL	CERCLIS	SCL	LUST	SWLF	AST	
No Records Found										

*VISTA ID*

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A			B				C		NOTES
	NPL	SPL	TSD	RCRA VIOL	CERCLIS	SCL	LUST	SWLF	AST	
No Records Found										

*VISTA ID*



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# FIRST UNION CORP TRANSACTION SCREEN REPORT

UNGEOCODED SITES	A		B					C		NOTES	
	NPL	SPL	TSD	RCRA VIOL	CERCLIS	SCL	LUST	SWLF	AST		UST
HILLSDALE T.S. . NY								X			<i>VISTA ID</i> 3502344
HUNTER T.S. . NY								X			3502351
BERBATO T.S. . NY								X			4898109
WINDHAM T.S. . NY								X			3502656
LIVINGSTON T.S. . NY								X			3502408
HUDSON ST MRF HUDSON, NY 12534								X			3998550
COPAKE T.S. P.O. BOX 324 HUDSON, NY 12534								X			2489493
CHATHAM T.S. . NY								X			3502235
COXSACKIE T.S. . NY								X			3954892
CASINGS INC CATSKILL, NY 12414								X			3998679
GREENE CO CATSKILL, NY 12414								X			3998680
GALLATIN T.S. . NY								X			3502317
GERMANTOWN T.S. . NY								X			3502324
GREENPORT T.S. . NY								X			3502329
PECKHAM MATERIALS ATHENS, NY 12015							X				4120833
GREENE CO ARC BRIDGE ST BRIDGE ST. RT. 9W CATSKILL, NY 12414							X				4111619
VALLEY OIL/CATSKILL ROUTE 23 E. OF ROUTE 9W CATSKILL, NY 12414							X				4111621
NYS TWY EXIT 21 MAINTAREA NYS TWY @ 23B EXIT 21 CATSKILL, NY 12414							X				2728455
GREENE CO. MEM. HOSPITAL GREENE CO. MEMORIAL HOSP. CATSKILL, NY 12414							X				2720270



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# FIRST UNION CORP TRANSACTION SCREEN REPORT

UNGEOCODED SITES	A		B						C		NOTES	VISTA ID
	NPL	SPL	TSD	RCRA VIOL	CERCLIS	SCL	LUST	SWLF	AST	UST		
317 RT. 32 317 RT. 32 CATSKILL, NY 12414							X				X	2733851
GEORGE W SAULPAUGH+SON INC ROUTE 9 HUDSON, NY 12534							X				X	2734870
FAIRVIEW LINCOLN FAIRVIEW LINCOLN HUDSON, NY 12534							X					2719513
AMOS POST SELF-SERVE ROUTE 9W CATSKILL, NY 12414							X					2733849
CASINGS INC. ROUTE 9W CATSKILL, NY 12414							X					2733850
DON HAINES - CATSKILL RT 9W CATSKILL, NY 12414							X					2733851
VALLEY OIL NICEEASY RT9W RT. 9W CATSKILL, NY 12414							X					2733852
BRENDA WILLIAMS RESIDENCE RD2 BOX 136A HUDSON, NY 12534							X					2732330
COLUMBIA GREENE COMM COLL RT 23 CGCC @ WATER PLANT HUDSON, NY 12534							X					2735155
GEORGE W. SAULPAUGH SON RT 121 HUDSON, NY 12534							X					2732095
TOWN OF NO. HUDSON ROUTE 9 HUDSON, NY 12534							X					2734911
JOE/NELL TRAILR PK BARBER JOSLEN BLVD. TRAILER PK. HUDSON, NY 12534							X					2722882
AMOS POST RT 23A CATSKILL, NY 12414							X					2732615
CATSKILL HIGHWAY DEPT. RT 23B CATSKILL, NY 12414							X					2732650
VALLEY OIL CO. RTE. 23 CATSKILL, NY 12414							X					2732651



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UNGEOCODED SITES	A			B					C		NOTES	VISTA ID
	NPL	SPL	TSD	RCRA VIOL	CERCLIS	SCL	LUST	SWLF	AST	UST		
FAIRVIEW MOBIL ROUTE 9 HUDSON, NY 12534							X			X		742256
JOEL VANKUREN RESIDENCE RD 1 BOX 13 RT. 385 ATHENS, NY 12015							X					2731895
CATSKILL MOTOR LODGE 23B RT. 23B CATSKILL, NY 12414							X					4719481
CATSKILL XTRA MART RT 23B CATSKILL, NY 12414							X			X		1531261
A.L.MOON BULK PLANT BROWNS CROSSING RD BOX245 CATSKILL, NY 12414							X					2713994
THE BODY SMITH RT 9G RT. 9G HUDSON, NY 12534							X					2733971
IN OUT EXTRA MART RT. 23B @ EXIT 21 THRUWAY CATSKILL, NY 12414							X					2718618
CLERMONT FRUIT PACKERS RT. 9 POB 117 STAR RT. HUDSON, NY 12534							X					2729633
NYS TWY MP 113 MAINT AREA MP 113.9 NYS TWY CATSKILL, NY 12414							X					2726568
COLUMBIA COUNTY AIRPORT RTE 9H HUDSON, NY 12534							X		X			756905
COLUMBIA GREEN COMM. COLL RT 9 HUDSON, NY 12534							X					2733745
CATSKILL GAME FARM INC RD 1 BOX 133 GAME FARM RD CATSKILL, NY 12414							X		X			744123
DAVIS RES. KIPS TR. PK.38 LOT 38 KIPS TRAILER PARK HUDSON, NY 12534							X					2738107
CATSKILL MARINA CATSKILL MARINA CATSKILL, NY 12414							X					2716860
INDEPENDENT CEMENT CORP. ROUTE 9 WEST CATSKILL, NY 12414							X	X	X			207807



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UNGEOCODED SITES	A		B					C		NOTES	
	NPL	SPL	TSD	RCRA VIOL	CERCLIS	SCL	LUST	SWLF	AST		UST
COLUMBIA CO. HWY. GARAGE RT. 23B RD 1 HUDSON, NY 12534							X				<i>VISTA ID</i> 1347014
HESS RT. 9 HUDSON, NY 12534							X				2733766
COLUMBIA MEMOM HOSP COLUMBIA MEMORIAL HOSP HUDSON, NY 12534							X				2715343
INDUSTRIAL CEMENT RT 9W INDUSTRIAL CEMENT CATSKILL, NY 12414							X				2722260
COLUMBIA CO PUBLIC SAFETY RT. 66 HUDSON, NY 12534							X				1531618
BLUE RIDGE ROAD FRONTIER TOWN GAS STATION HUDSON, NY 12534							X				2719739
CLAPPER ROUTE 9W ATHENS, NY 12015							X				2733823
CATSKILL TIRE FIRE RT 9 BOULVEARD AVENUE CATSKILL, NY 12414				X							73759



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# FIRST UNION CORP TRANSACTION SCREEN REPORT

## RISKS DETAILS

### RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

No Records Found

### RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)

No Records Found



For More Information Call VISTA Environmental Information at 1 - 800 - 767 - 0403

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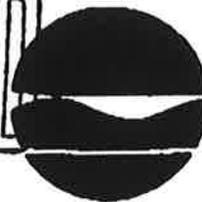
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**APPENDIX D  
CORRESPONDENCE RELATED TO SPILL**

New York State Department of Environmental Conservation  
2176 Gullerland Avenue, Schenectady, New York 12306  
(518) 382-0680

RECEIVED  
AUG 24 1990  
ENVIRONMENTAL OFFICE



August 21, 1990

Thomas C. Jorling  
Commissioner

Atlantic Wood Industries  
ATTN: Jeffrey Smigel  
P.O. Box 1608  
Savannah, GA. 31498

Re: Spill #90-01229  
Atlantic Wood, Athens

Dear Mr. Smigel:

I have discussed the latest results of lab sampling of the soils at your facility with Robert Kircher, Division of Solid Waste. Based upon these results, remedial activities may be discontinued. To summarize, the contaminant levels are now below detection limits and should not leach from the soils.

As soon as I receive documentation from the solids disposal, I will consider this spill closed. If you need further information on this project, please contact me.

Sincerely yours,

William Blain  
Environmental Engineer I  
Region IV

WEB/gjh-11W35

cc: B. Berner  
A. Geisendorfer  
R. Kircher, SW Mgt. Specialist

Post-It® Fax Note 7671		Date	# of pages
To	DAVID KING	11/14/95	3
Co./Dept.		From	ROSS W.
Phone #		Co.	
Fax #		Phone #	
		Fax #	

# Atlantic wood industries

INCORPORATED

PRESSURE TREATED FOREST PRODUCTS P.O. BOX 1608, SAVANNAH, GEORGIA 31408

PHONE (912) 964-1234

FAX (912) 964-2633

August 27, 1990

Mr. William Blain  
Environmental Engineer  
Region IV  
New York State Department  
of Environmental Conservation  
2176 Guilderland Avenue  
Schenectady, New York 12306

RE: Spill #90-01229  
Athens, NY

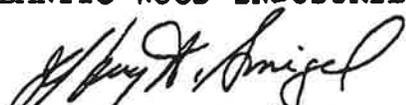
Dear Mr. Blain:

With reference to your letter of August 21, 1990 regarding the above spill, please find enclosed two manifest which document the disposal of solids from our remedial activities. A total of 84,880 pounds of contaminated soils were disposed of at the Chemical Waste Management Facility in Emelle, Alabama.

Unless we are advised differently, we will assume this submittal closes this spill incident.

Sincerely,

ATLANTIC WOOD INDUSTRIES, INC.

  
Jeffrey A. Smigel, P.E.  
Director of Environmental Affairs

JAS/wk

Enclosure

cc: C. E. Martin  
R. J. Hales

**APPENDIX E  
CHEMICAL LIST**

**ATLANTIC WOOD INDUSTRIES, INC.  
ATHENS, NY PLANT**

**CHEMICAL INVENTORY LIST**

**REVISED: 10/27-95**

<u>COMMON NAME</u>	<u>CHEMICAL NAME</u>	<u>WORK AREA</u>	<u>MSDS DATE</u>	<u>MANUFACTURER</u>
AFG 1V	Polymer	Boiler	02-16-91	Betz
Corrogen	Oxygen Scavenger	Boiler	05-06-94	Betz
Lay-Up-1	Oxygen Scavenger	Boiler Room	04-05-93	Betz
Molybdate Reagent		Boiler Room	11-03-94	Betz
Phenolphthalein Indicator		Boiler Room	02-16-91	Betz
Potassium Iodide Iodate		Boiler Room	02-16-91	Betz
219P Sulfite Indicator Plus		Boiler Room	02-10-95	Betz
Pena-Seal Accelerator	Amido Amine	Drip Pad	08- -94	J & R Ind.
Pena-Seal Base Compound	Epoxy Resin	Drip Pad	08- -94	J & R Ind.
Kerosene	Petroleum Hydrocarbons	Fuel Storage	01-04-94	Hess
Propane	Paraffin Hydrocarbons	Fuel Storage	02- -85	Arco
Unleaded Gasoline	Unleaded Gasoline	Fuel Storage	05- -88	Getty
# 2 Fuel Oil	Petroleum Hydrocarbons	Fuel Storage	09- -94	Hess

**ATLANTIC WOOD INDUSTRIES, INC.  
ATHENS, NY PLANT****CHEMICAL INVENTORY LIST****REVISED: 10/27-95**

<u>COMMON NAME</u>	<u>CHEMICAL NAME</u>	<u>WORK AREA</u>	<u>MSDS DATE</u>	<u>MANUFACTURER</u>
Heart / Sap Indicator	Hydrocarbon	Lab	11- -88	Hickson
Acetylene	Acetylene	Shop	05- -85	Union Carbide
Antifreeze	Ethylene Glycol	Shop	07- -86	Cam 2
Gear Oil	Petroleum Hydrocarbons	Shop	01-26-87	Century
Grease	Petroleum Hydrocarbons	Shop	11-14-85	Amalie
Hydraulic Oil	Petroleum Hydrocarbons	Shop	- -87	Kendall
Motor Oil	Petroleum Hydrocarbons	Shop	05- -85	Mobil
Motor Oil	Petroleum Hydrocarbons	Shop	- -86	Amalie
Motor Oil 15 - 40	Petroleum Hydrocarbons	Shop	02-22-91	Amalie
Oxygen	Oxygen	Shop	09- -85	Union Carbide
Speedy Dry	Cam 2 Big Red	Shop	06-06-90	Waverly
Transmission Fluid	Dextron II-D	Shop	08-28-86	Cam 2
Ink	Flexographic # 4 Black Ink	Stacker	04- -86	Pannier

**ATLANTIC WOOD INDUSTRIES, INC.  
ATHENS, NY PLANT**

**CHEMICAL INVENTORY LIST**

**REVISED: 10/27-93**

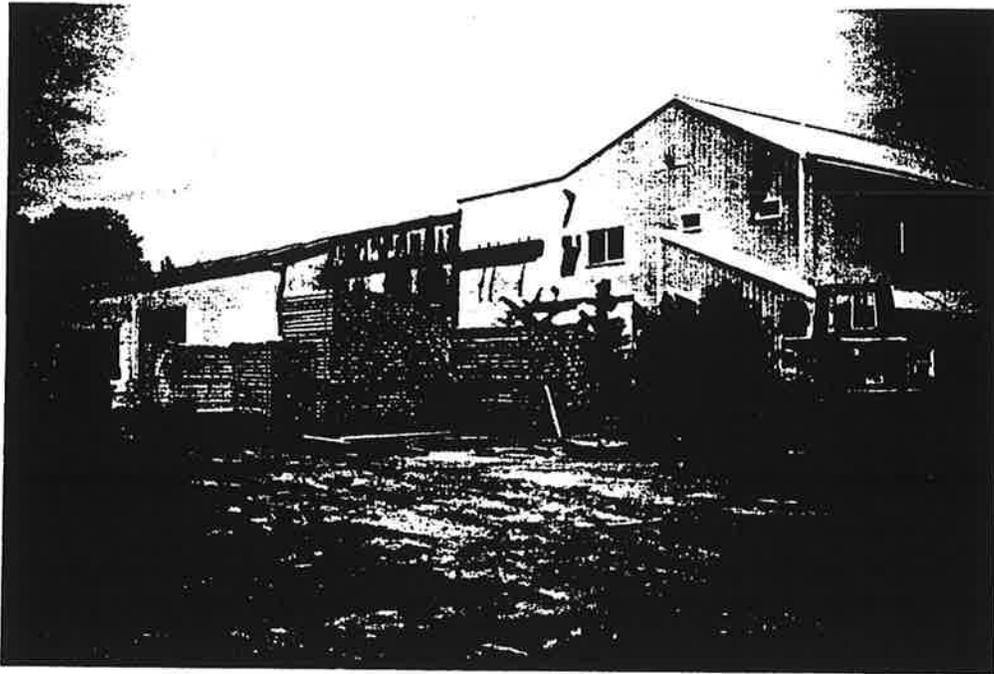
<u>COMMON NAME</u>	<u>CHEMICAL NAME</u>	<u>WORK AREA</u>	<u>MSDS DATE</u>	<u>MANUFACTURER</u>
Diluted Treat Solution	Chromated Cr. Arsenate Sol.	Treating Room	06- -93	Hickson
Speedy Dry	Cam 2 Big Red	Treating Room	06-06-90	Waverly
Treat 00	Copper Naphthenate	Treating Room	02- -87	Koppers NEVER USED
Wolmanac 50 %	Chromated Cr. Arsenate Sol.	Treating Room	06- -93	Hickson
Wolman Extra	Polymer Emulsion	Treating Room	11- -88	Hickson NEVER USED
Wolmanized Treated Wood	N/A	Yard	10-11-95	Hickson
Wood Dust	N/A	Yard	08- -94	N/A

**APPENDIX F  
DRIP PAD  
ENGINEER'S CERTIFICATION**

# DRIP PAD CERTIFICATION

**ATLANTIC WOOD INDUSTRIES, INC.**

**Athens, New York**



**November 1995**

**PETE A. SHACK, P.E.**  
**P.O. Box 121555 • Nashville, TN 37212**  
**(615)292-0401 • fax (615)292-1080**

# **DRIP PAD ASSESSMENT**

## **ATLANTIC WOOD INDUSTRIES, INC. Athens, New York**

This Assessment covers the 50-ft wide by 235-ft long drip track and drip pad in front of the treatment cylinder at the above-referenced facility. The facility consists of one six-foot diameter by 80-ft treating cylinder which is entirely covered by three structures. The drip pad and tracks are completely enclosed by a structure. The main floor of the building slopes to the tracks, and the tracks slope to the door pit, providing containment for the drip pad and cylinder. The facility is estimated to have been constructed in 1976. Compliance with each regulatory item required by 40 CFR 265.441 is evaluated below.

### **40 CFR 265.443(a)(1) Constructed of Non-Earthen Materials**

The drip pad is constructed of reinforced concrete coated with a penetrating sealer. Further details of construction materials are provided below. This requirement is satisfied.

### **40 CFR 265.443(a)(2) Sloped to Free Drain to Collection System**

The drip pad slopes toward the tracks, and drains freely to the tracks and down the tracks to the door pit. Areas of poor drainage have been channeled or filled to drain freely to the collection system. Attachment 1 contains a survey of the drip pad provided by AWI. This requirement has been satisfied.

### **40 CFR 265.443(a)(3) Curbed or Bermed Around Perimeter**

The drip pad slab is higher than the surrounding ground by at least 6 inches and therefore prevents runoff. There is no runoff because the building totally encloses the drip pad. The drip pad slab is sloped toward the tracks such that it forms a berm to contain any drippage within the building. This requirement is satisfied.

### **40 CFR 265.443(a)(4)(i) Sealed or Coated to Less Than or Equal To $1 \times 10^{-7}$ cm/sec Permeability**

The concrete drip pad is coated with Pena Seal epoxy-based, penetrating sealer

manufactured by J&R Industries, Inc. of Wilmington, California. Test data on the permeability of concrete sealed with Pena Seal indicate less than  $1 \times 10^{-9}$  cm/sec can be achieved when this material is properly applied to concrete. All joints and non-bridgeable cracks in the concrete have been cleaned and sealed with FX-571 (made by Fox Industries, Baltimore, Maryland). Both the penetrating sealer and the joint sealer have been demonstrated compatible with CCA treating solution. Product information and test data are provided in Attachment 2. This requirement is satisfied.

#### **40 CFR 265.443(a)(5) Sufficient Structural Strength and Thickness**

The drip pad slab is a minimum of 9 inches thick concrete reinforced with wire mesh. The drip track is believed to have been constructed in 1976. It was expanded in 1981 and 1984 by adding a drip pad to one side, and had some repairs in the track area in 1988. The track area repairs consisted of replacing the first 90 ft of track. A drain pipe that ran the length of the drip track and the drainage channel between the rails was grouted in 1995 by trowelling into low places high strength grout manufactured by Gill in conjunction with an epoxy bonding agent also made by Gill. The slabs are structurally sound and adequate for the loads applied, as evidenced by two decades of performance. It has operated under normal stresses without structural failure. This requirement is satisfied.

#### **40 CFR 265.443 (b)(1) Synthetic Liner Below Drip Pad**

Not applicable.

#### **40 CFR 265.443(b)(2) Leak Detection System Above Liner**

Not applicable.

#### **40 CFR 265.443(b)(3) Leakage Collection System Above Liner**

Not applicable.

#### **40 CFR 265.443(c) Free of Cracks, Gaps, Corrosion or Other Deterioration That Could Cause Releases**

The drip pad has been cleaned, repaired and coated with the aforementioned penetrating epoxy sealer. Joints have been sealed with polymeric joint sealer to prevent releases. Cracks in the concrete are either bridged with sealant or have been sawed with a crack chaser and caulked with the joint sealer. This requirement is satisfied.

**40 CFR 265.443(d) Convey, Drain and Collect Liquid to Prevent Run-Off**

The entire drip pad system is entirely enclosed by a structure that prevents precipitation from getting on the drip pad. This requirement is satisfied.

**40 CFR 265.443(e) Run-On Control System**

Run-on is controlled by the building and curb around the drip pad. The plant is graded to convey stormwater away from the drip pad. This requirement is satisfied.

**40 CFR 265.443(f) Run-Off Management System**

Not applicable.

**40 CFR 265.443(g) Drip Pad Assessment Certified By PE**

This assessment of the extent to which the referenced drip pads meet the design requirements of 40 CFR 265.443(a) through (f) shows the drip pads satisfy all of those design requirements. Data provided by Atlantic Wood Industries, Inc. for use in this assessment included the survey of the drip pad and modified layout dated January 7, 1991 from Richard Hales. These are included in Attachment 1.



\_\_\_\_\_  
Pete A. Shack, P.E.  
Tennessee P.E. No. 14,650  
New York Limited Certificate Attached

Date: 11/21/95



The University of the State of New York  
THE STATE EDUCATION DEPARTMENT  
Division of Professional Licensing Services  
Cultural Education Center  
Albany, New York 12230

November 13, 1995

**THIRTY-DAY LIMITED PERMIT AUTHORIZING PRACTICE AS A  
PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK**

**BE IT KNOWN THAT**

**PETE ALLAN SHACK**

having given satisfactory evidence that he/she is a registered PROFESSIONAL ENGINEER in the State of Tennessee and holds certificate number 14650, is eligible to practice as a PROFESSIONAL ENGINEER in the STATE OF NEW YORK for the thirty days beginning November 20, 1995, through December 19, 1995 inclusive, in accordance with Section 7207 of the Education Law, and is authorized to file plans, specifications, plats and reports under his/her Tennessee seal, as provided in Section 7209.

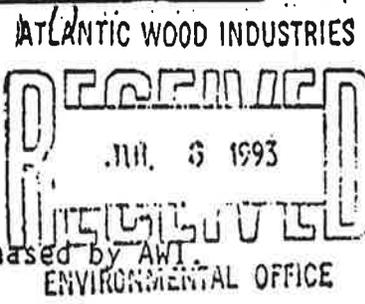
Signature: Thomas W. King  
Title: Executive Secretary  
State Board for Engineering and  
Land Surveying

**ATTACHMENT 1**  
**DRIP PAD INFORMATION**



TO: Jeff Smigel  
FROM: Richard Hales  
DATE: January 7, 1991  
SUBJECT: Athens drip pad.

To	PETE SHACK	From	ROSS WORSNAM
Co.		Co.	
Dept.		Phone #	
Fax #		Fax #	



Drip Pad Section A.

Section A is the original construction when Plant was purchased by AWI. Estimated date of installation late 1975 or 1976.

Concrete thickness is 9". I do not have any drawings or specifications on the construction.

NOTE: There is an underground drain pipe that runs the length of track and drains into the cylinder pit. Drain pipe is plugged with debris and not used.

Drip Pad Section B.

Section B was installed in May 1981.

There are no drawings of this installation. See attached purchase order for Section C. These specifications apply also for B.

Drip Pad Section C.

Section C was installed in August 1984.

There are no drawings of this installation. See attached purchase order for concrete specifications.

Drip Pad Section D.

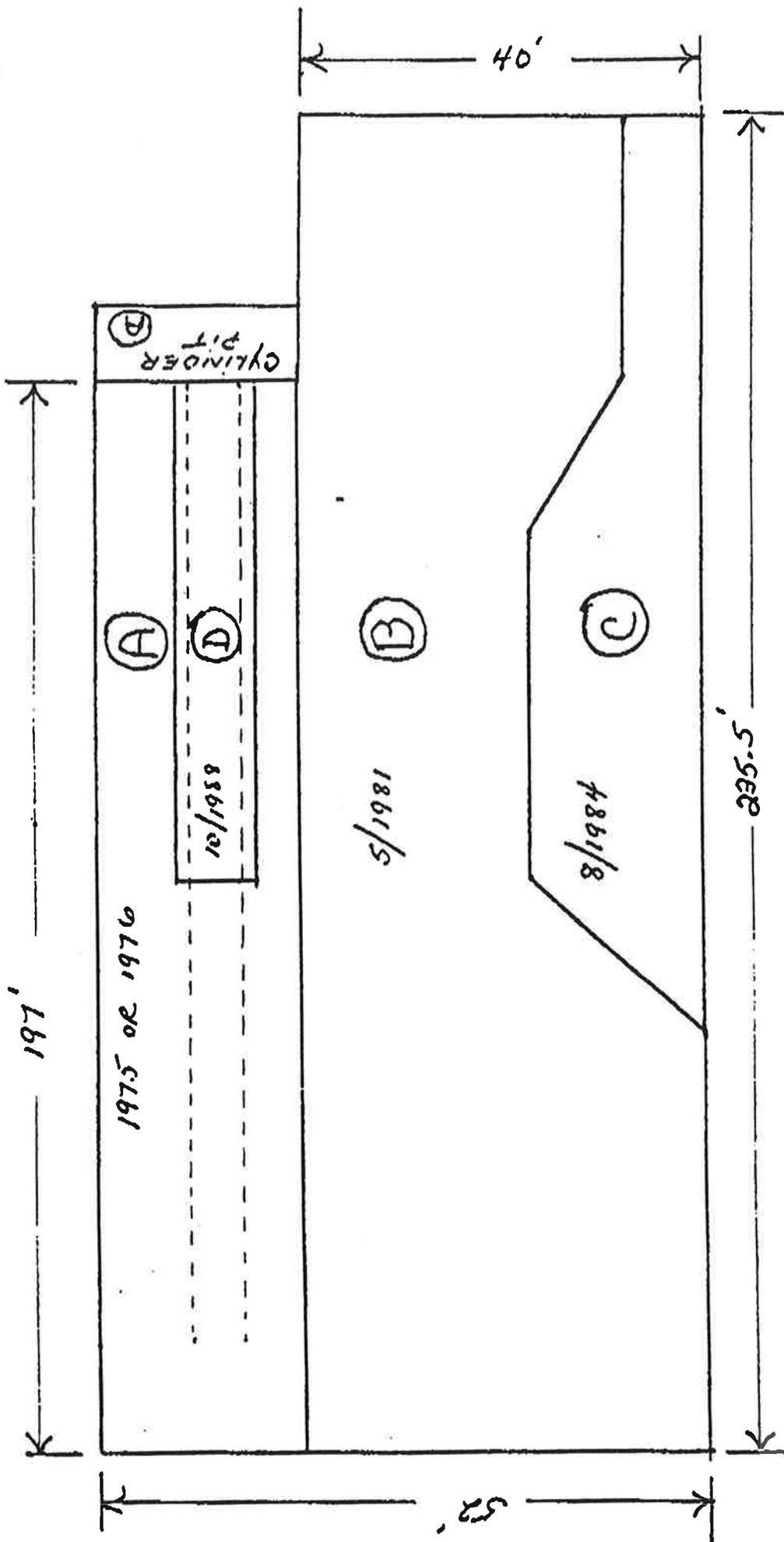
Section D was installed in October 1988.

There are no drawings on this installation.

This installation was for replacement of 90' of track. Concrete is 9" thick. All seams were filled with rubber epoxy.

*Richard*

T.A.S.



J.A.S.

# Atlantic wood industries

INCORPORATED

PRESSURE TREATED FOREST PRODUCTS RD. 1, BOX 203, ATHENS, NEW YORK 12015  
PHONE (518) 945-2660

August 17, 1984

Jack Graham  
Empire Masonry, Inc.  
P.O. Box 161  
Athens New York 12015

Dear Jack:

Please accept this letter as our purchase order for the following concrete slab:

SPECIFICATIONS: 1789 Square Feet  
9" Thick  
All reinforced with wire.  
All joints matted with rubber gaskets and hot tar all seams.  
~~Concrete to contain anti-hydro.~~  
~~Re bar must be used to connect new concrete slab to existing slab.~~  
Broom Finish.  
Sealer applied to surface of concrete.

PRICE: Total price included all Labor, Material, & Equipment to furnish Atlantic Wood Industries, Inc. with one concrete slab conforming to the above specifications.  
Total price: \$8,413.00 (Eight thousand four hundred thirteen dollars 00/100).

TERMS: Net 10 days, after 100% completion of work.

**ATTACHMENT 2**  
**SEALER INFORMATION**



# J & R INDUSTRIES, INC.



800 E. ANAHEIM ST., WILMINGTON, CA 90744

Telephone: (310) 830-9904

FAX: (310) 830-9908

## PENA-SEAL

THIS IS A HIGH SOLIDS DEEP PENETRATING CONCRETE SEALER. PENA-SEAL HAS GOOD WATER, ACID AND SOLVENT RESISTANCE, VERY LOW VISCOSITY, AND HIGH POLARITY TO OBTAIN THE DEEPEST POSSIBLE PENETRATION. WHEN PROPERLY APPLIED THE USER CAN EXPECT TO SEAL A CONCRETE PAD AGAINST MOST SOLVENTS AND MOST WATER BASED SYSTEMS. IN ADDITION THE SHOCK RESISTANCE OF THE CONCRETE WILL BE IMPROVED BY A FACTOR OF 3 OR 4 TIMES. THE COMPRESSIVE STRENGTH OF THE CONCRETE WILL BE ESSENTIALLY DOUBLED AND THE TENSILE STRENGTH DOUBLED OR TRIPLED. ALTHOUGH THE ABRASION RESISTANCE OF THE PENA-SEAL IS NOT "OUT STANDING" THE ABRASION RESISTANCE OF THE CONCRETE WILL ALSO BE GREATLY IMPROVED.

### PROPERTIES

- \*DEEP PENETRATING- DEPENDING ON THE CONCRETE UP TO 1/2".
- \*GOOD RESISTANCE TO WATER SYSTEMS, ACID AND SOLVENTS.
- \*EASY TO APPLY.
- \*GREATLY INCREASE THE PHYSICAL PROPERTIES OF THE CONCRETE
- \*GIVES AN OUTSTANDING SEAL FOR THE LONGEST PERIOD OF TIME

### APPLICATION

# THE CONCRETE MUST BE COMPLETELY CLEAN. WE RECOMMEND A BLAST TRACK OR SAND BLAST FOR OPTIMUM RESULT.

# ALLOW THE CONCRETE TO DRY. THE PAD SHOULD FEEL DRY TO THE TOUCH. ALTHOUGH PENA-SEAL WILL ADHERE TO SLIGHTLY MOIST CONCRETE, ANY WATER WILL REDUCE THE DEPTH OF PENETRATION.

# MIX THE PENA-SEAL SHORTLY BEFORE THE START OF APPLICATION. THE PENA-SEAL IS CLEAR IN COLOR. THE APPLICATION TIME IS IN EXCESS OF TWO HOURS TO ALLOW THE MATERIAL TIME TO PENETRATE DEEPLY. IT WILL EXOTHERM MILDLY. A 100 GRAM SAMPLE WILL REACH A TEMPERATURE OF ABOUT 110°F. IN ABOUT TWO HOURS. LARGER MASSES WILL WARM FASTER AND HEAT TO A HIGHER TEMPERATURE.

# SPRAY OR ROLL COAT A GENEROUS COATING ON THE CONCRETE. DEPENDING ON THE POROSITY OF THE CONCRETE (AND THE TEMPERATURE)

THIS MATERIAL WILL SOAK IN, IN ABOUT 30 MINUTES. COVERAGE WILL DEPEND ON THE POROSITY.

# ALLOW TO CURE. 24 HOURS IS USUALLY SUFFICIENT. CHECK FOR SEAL WITH A 15X LIGHTED MAGNIFIER. IF THERE ARE STILL OPEN PORES, APPLY A SECOND COAT IN THE SAME MANNER. A HOLE IS OK IF THE BOTTOM IS SEALED. IF IN DOUBT, DRILL A HALF INCH DIAMETER HOLE ABOUT 1/32" DEEP. THERE SHOULD BE NO EXIT HOLES OUT OF THE BOTTOM OR THE SIDES. FILL THIS TEST HOLE BACK UP WITH PENA-SEAL.

#### PROPERTIES OF MATERIAL

VISCOSITY OF THE BASE	14 POISE
VISCOSITY OF CURE	1 POISE
WEIGHT RATIO BASE TO CURE	100/50
VOLUME RATIO BASE TO CURE	2/1
VISCOSITY OF CLEAR MIXED MATERIAL	5 POISE
APPEARANCE OF MIXED MATERIAL READY TO APPLY	CLEAR LIGHT AMBER
EXPECTED PENETRATION	1/8" TO 1/2" DEPENDING ON POROSITY
WORK LIFE 77°F.	2 HOURS
CURE TIME 77°F.	24 HOURS.
TOTAL VOC MIXED MATERIAL	7% BY WEIGHT 0.55 LBS/GAL
TOTAL SOLIDES MIXED MATERIAL	93% BY WEIGHT

#### CHEMICAL RESISTANCE

REAGENTS	NO FAILURE IN WEEKS
WATER	52
HYDROCHLORIC ACID 10%	52
HYDROCHLORIC ACID 36%	14
SULFURIC ACID 20%	52
SULFURIC ACID 50%	14
AMMONIA 25%	14
SODIUM HYDROXIDE 50%	52
XYLENE	52
GASOLINE	52
DIESEL FUEL	52
SKYDROL	52
ISOPROPANOL	52
MEK FAILED IN	12 WEEKS
50% ETHANOL	52

THE 14 WEEK TESTS SHOWED NO FAILURE. THESE HIGHER CONCENTRATIONS WERE NOT PUT TO TEST AS EARLY AS THE REST. ALL TESTS WERE TERMINATED AT 52 WEEKS.

**J & R INDUSTRIES INC.**  
 800 EAST ANAHEIM STREET  
 WILMINGTON, CALIFORNIA 90744  
 (213) 830-9904

# MATERIAL SAFETY DATA SHEET

(Approved by U.S. Department of Labor 'Essentially Similar' to Form OSHA-20)

CHEMICAL NAME: Amido Amine

CHEMICAL FAMILY: Amide Amine

SYNONYMS:

MOLECULAR WEIGHT:

FORMULA:

TRADE NAME AND SYNONYMS: J & R PENA SEAL HARDNER

## I. PHYSICAL DATA

BOILING POINT, 760 mm. Hg	>250°F	FREEZING POINT	N/A
SPECIFIC GRAVITY (120 = 1)	1	VAPOR PRESSURE AT 20° C.	N/A
VAPOR DENSITY (air = 1)	N/A	SOLUBILITY IN WATER % by wt.	Insoluble
PER CENT VOLATILES BY VOLUME	1°	EVAPORATION RATE (Dulyl Acetate = 1)	N/A
APPEARANCE AND ODOR	Liquid Amine Odor		

## II. HAZARDOUS INGREDIENTS

MATERIAL	%	TLV (Units)
Amido Amine	100	N/A

## III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (test method)	>220°F	AUTOIGNITION TEMPERATURE	N/A
FLAMMABLE LIMITS IN AIR, % by volume			N/A

EXTINGUISHING MEDIA	Water, Foam, Carbon Dioxide Dry Chemical
SPECIAL FIRE FIGHTING PROCEDURES	Water, Foam, Carbon Dioxide Dry Chemical
UNUSUAL FIRE AND EXPLOSION HAZARDS	N/A

**EMERGENCY PHONE NUMBER** (213) 830-9904  
 (213) 476-7121

While we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which we assume legal responsibility. They are offered solely for your consideration, verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and local laws and regulations.

**J & R INDUSTRIES INC.**  
800 EAST ANAHEIM STREET  
WILMINGTON, CALIFORNIA 90744  
(213) 830-9904

# MATERIAL SAFETY DATA SHEET

(Approved by U.S. Department of Labor 'Essentially Similar' to Form OSHA-20)

CHEMICAL NAME: EPOXY RESIN

SYNONYMS:

CHEMICAL FAMILY: OXIRANE

FORMULA:

MOLECULAR WEIGHT:

TRADE NAME AND SYNONYMS:

J & R PENA-SEAL

## I. PHYSICAL DATA

BOILING POINT, 760 mm. Hg	OVER 200° C	FREEZING POINT	N/A
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	1.12	VAPOR PRESSURE AT 20° C.	N/A
VAPOR DENSITY (air = 1)	LARGER THAN	SOLUBILITY IN WATER % by wt.	< 4%
PER CENT VOLATILES BY VOLUME	5%	EVAPORATION RATE Butyl Acetate = 1	LESS THAN
APPEARANCE AND ODOR	DARK BLUE-RESIN ODOR		

## II. HAZARDOUS INGREDIENTS

MATERIAL	% Wt.	TLV (Units)
EPOXY	92%	N/A

## III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (test method)	OVER 250° F TC	AUTOIGNITION TEMPERATURE	UNKNOWN
FLAMMABLE LIMITS IN AIR, % by volume		N/A	

EXTINGUISHING  
MEDIA

WATER, WATER SPRAY, CO<sub>2</sub>, POWDER

SPECIAL FIRE FIGHTING  
PROCEDURES

WEAR PROTECTIVE CLOTHING

UNUSUAL FIRE AND  
EXPLOSION HAZARDS

NONE KNOWN

**EMERGENCY PHONE NUMBER**

310-476-7121  
310-830-9904

**IV. HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE	N/A
EFFECTS OF OVEREXPOSURE	POSSIBLE NAUSEA & IRRITATION. CONSULT PHYSICIAN.
AGENCY AND FIRST AID PROCEDURES	WASH SKIN AND EYES WITH PLENTY OF SOAP AND WATER. FRESH AIR. CONSULT PHYSICIAN.

**V. REACTIVITY DATA**

STABILITY	CONDITIONS TO AVOID	EXCESSIVE HEAT
UNSTABLE   STABLE		
INCOMPATIBILITY (materials to avoid)	STRONG ACIDS & ALKALIS	
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN	
HAZARDOUS POLYMERIZATION	CONDITIONS TO AVOID	EXCESSIVE HEAT
Occur   Will Not Occur		

**VI. SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	WASH WITH PLENTY OF SOAP AND WATER. SCOOP UP MATERIAL AND DISPOSE ACCORDING TO FEDERAL AND STATE PROCEDURES.
APPROPRIATE DISPOSAL METHOD	STATE & FEDERAL RECOMMENDED PROCEDURES.

**VII. SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (specify type)	APPROVED NIOSH/MSMA RESPIRATOR	
VENTILATION	LOCAL EXHAUST MECHANICAL (general)	SPECIAL
		OTHER
PROTECTIVE GLOVES	GLOVES TO AVOID & EYE CONTACT	EYE PROTECTION <i>Glasses</i>
OTHER PROTECTIVE EQUIPMENT	AVOID SKIN & EYE CONTACT	

**VIII. SPECIAL PRECAUTIONS**

PRECAUTIONARY LABELING	AVOID SKIN & EYE CONTACT
OTHER HANDLING AND STORAGE CONDITIONS	STORE IN A COOL AREA AWAY FROM HEAT & OPEN FLAME.

**IV. HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE	N/A
EFFECTS OF OVEREXPOSURE	MODERATELY TOXIC BY INGESTION & SKIN CONTACT POSSIBLE RASH ORAL RAT LD-50 1100mg./Kg.
EMERGENCY AND FIRST AID PROCEDURES	SKIN: WASH WITH SOAP AND WATER. IF RASH PERSIST GET MEDICAL ATTENTION. EYES: WASH WITH WATER FOR AT LEAST 15 MINUTES. IF REDNESS OR PAIN PERSIST GET MEDICAL ATTENTION.

**V. REACTIVITY DATA**

STABILITY		CONDITIONS TO AVOID	HIGH TEMPERATURE, STRONG OXIDIZE AGENTS
UNSTABLE	STABLE		
	X		
INCOMPATIBILITY (materials to avoid)		STRONG OXIDIZING AGENTS, ALIPHATICAMINES	
HAZARDOUS DECOMPOSITION PRODUCTS		ACRID SMOKE & FUMES IN A FIRE	
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID	LOW MOLECULAR WEIGHT ALIPHATICAMINES
May Occur	Will Not Occur		
	X		

**VI. SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	ABSORB ON ANY NON REACTIVE SYSTEM
WASTE DISPOSAL METHOD	DISPOSE ACCORDING TO ALL FEDERAL, STATE, AND LOCAL REGULATIONS

**VII. SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (specify type)		ADEQUATE VENTILATION	
VENTILATION YES	LOCAL EXHAUST MECHANICAL (general)	X	SPECIAL
			OTHER
PROTECTIVE GLOVES		RUBBER	EYE PROTECTION GLASSES
OTHER PROTECTIVE EQUIPMENT			

**VIII. SPECIAL PRECAUTIONS**

PRECAUTIONARY LABELING	
OTHER HANDLING AND STORAGE CONDITIONS	DO NOT STORE AT TEMPERATURES OVER 130°F

February 14, 1992

Mr. Fred Omundson  
Chemical Specialties, Inc.  
One Woodlawn Green, Suite 250  
Charlotte, North Carolina 28217

Subject: Report on Concrete Sealer Testing  
Law Project No. 224-03309.03

Mr. Omundson:

As authorized by your acceptance of our Proposal No. 101MR1 dated October 23, 1991, Law Engineering has completed testing of three concrete sealers. The purpose of our testing was to determine the permeability and absorption of concrete specimens treated with the specified sealers. This report presents a summary of the test procedures used, the materials used in the test and our test results.

#### SUMMARY OF TEST PROCEDURES

##### Permeability

The permeability of three test specimens (concrete cores treated with a sealer) was determined in general accordance with the test procedures outlined in the Corps of Engineers (COE) CRD-C 48-73 "Method of Test for Water Permeability of Concrete". The test procedures used varied from the COE test in that the concrete core specimen thicknesses were reduced from 6 inches to 4 inches and CCA was used in lieu of water to determine the permeability of the sample. In brief, CCA under constant pressure was forced through the concrete core sample and the amount of CCA passing into the sample was measured when a steady flow was achieved.

##### Absorption

The percent reduction in weight gain of concrete cores was determined by soaking four samples in a 2 percent solution of CCA. The weight gain of the samples treated with a sealer on the top was compared to the weight gain of the control (untreated) sample. The core samples were treated by applying a concrete sealer product to

PO. BOX 11257  
CHARLOTTE, NC 28270  
4333 WILMONT ROAD, SUITE 100  
CHARLOTTE, NC 28217  
764-357-6500  
FACSIMILE 764-357-6539

the top surface (except for the control) and coating the bottom and sides with a chemical resistant epoxy before being soaked. The weight gain of the samples was measured at 3, 6, 9, 12, 15, 18 and 21 days.

#### Depth of Penetration

The depth of penetration of the sealers was determined by diametrically cutting the core samples treated. The depth of penetration was determined by noting the depth at which water will "bead" on the cut surface or by noting the depth of concrete discoloration caused by the sealer/coating.

#### MATERIAL INFORMATION

##### Concrete

The concrete tested was part of a portland cement concrete apron constructed by Concrete Supply at their South Plant. The concrete apron was poured July 15, 1991. On December 4, 1991 six 6 inch diameter and fourteen 4 inch diameter cores were removed from the apron for the product testing. From the mix design information submitted we estimate that the concrete sampled had a water to cement ratio of 0.54 and a water to cement and flyash ratio of 0.43. The concrete had a specified compressive strength of 3,600 psi at 28 days. Cores removed from the apron and tested in general accordance with ASTM C 42, "Methods of Obtaining and Testing Drilled Cores and Sawed Beams of Concrete", had an average compressive strength of 4,520 psi at approximately 5 months from date of placement.

##### Sealers

J & R Industries Pena-Seal: 2-Part Epoxy, application rate: 130 square feet per gallon

3M Concrete and Masonry Sealer 2000: Siloxane Sealer, application rate: 110 square feet per gallon

Sika Sikagard 70: Siloxane Sealer, application rate: 100 square feet per gallon

Our test results are summarized in the following table.

Chemical Specialties, Inc.  
LAW Project No. 224-03309.03  
February 14, 1992  
Page 3

TEST RESULTS

Permeability and Absorption Testing of Concrete Sealers  
Chemical Specialties, Inc.  
February 14, 1992

<u>Product</u>	<u>Permeability (10<sup>-9</sup> cm/s)</u>	<u>Percent Wt. Gain</u>	<u>Percent Reduct. in Wt. Gain<sup>1,2</sup></u>	<u>Penetration Depth (in.)</u>
Sikagard 70	3.7	0.31	44	0.2
Pena-Seal	0.9	0.17	100	0.3
JM 2000	0.8	0.32	40	0.2

- 1 Results for weight gain through twenty-one days.
- 2 Percent reduction of weight gain based on comparison of test specimens to a control specimen. The control specimen was coated on all exposed surfaces (top, bottom and sides) with chemical resistant epoxy. The top surfaces of the test specimens were treated with the products (Sikagard 70, Pena-Seal or JM 2000).
- 3 Depth of penetration of coating/sealer was determined by cutting core specimens diametrically and visually examining the sawed surfaces.

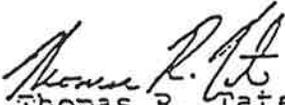
Chemical Specialties, Inc.  
LAW Project No. 224-03309.03  
February 14, 1992  
Page 4

CLOSURE

Law Engineering appreciates this opportunity to provide our professional services on this project. Please contact us if we can be of further assistance or if you have any questions concerning this report.

Sincerely,

LAW ENGINEERING

  
Thomas R. Tate, P.E.  
Materials Engineer

  
William J. Brickey, P.E.  
Principal Engineer



# FX-570 & FX-571 POLYMERIC JOINT SEALANTS

(Formerly FX-71)

Fox Industries Inc. • 3100 Falls Cliff Road • Baltimore, Maryland 21211

- DESCRIPTION:** FX-570/FX-571 POLYMERIC JOINT SEALANTS provide a flexible and watertight seal between concrete, masonry, metals, glass, wood and other construction materials. FX-570 (Gun Grade)/FX-571 (Pourable) are two-component, rubber-like materials and are mixed just prior to application. Color is light gray. (Other colors are available on special order)
- ADVANTAGES:** FX-570/FX-571 bond tightly to any clean, dry surface as they cure. The cured sealant has rubber-like flexibility and performs well to -10°F. Joint movement ± 25% is easily accommodated through years of outdoor exposure. FX-570/FX-571 are resistant to moisture and chemical attack.
- PROPERTIES:** FX-570/FX-571 have excellent electrical properties. Typical electrical properties at 77°F (25°C) and 50% relative humidity of cured material are as follows:
- |                             |                                       |
|-----------------------------|---------------------------------------|
| Volume resistivity (ohm-cm) | $1 \times 10^{11} - 7 \times 10^{12}$ |
| Surface resistivity (ohms)  | $1 \times 10^{12} - 2 \times 10^{14}$ |
| Dielectric constant @ 1 kc  | 5.5 - 8                               |
| Dissipation factor @ 1 kc   | .001 - .010                           |
- Pot life after mixing is approximately 40 minutes at 70°F.  
Initial cure is 4 days; final cure is 7 days.
- SPECIFICATION:** FX-570/FX-571 meet the following specifications:
- National Bureau of Standards and GSA  
TT-S-0227E (1970)
- American Society for Testing & Materials  
(ASTM) USASI - A116.1 (1967)
- MIXING:** Mix "A" and "B" Components with a slow-speed mechanical mixer for 3 minutes. Use FX-570 with caulking gun or mechanical equipment. FX-571 may be poured into joint from container or from watering can. For large projects, mechanical placing equipment may be utilized.
- APPLICATION:** Inspect joint slots to assure that they are clean and dry. To maximize bond to concrete, masonry, and steel, apply FX-570/FX-571 Joint Primer and allow to dry.
- COVERAGE:** Each gallon of mixed material will fill 231-cubic inches of joint slot (77' of 1/2" x 1/2" or 38 ft. of 1/2" x 1" joint slot).
- LIMITATIONS:** Do not install in damp or wet joints, Temperature should be above 40°F at time of application to assure proper curing.
- CAUTION:** Repeated or prolong contact with skin should be avoided; protective gloves should be worn as a precaution. Avoid contact with eyes; in case of eye contact, flush with water for 15 minutes and consult a physician.

**FOR INDUSTRIAL USE ONLY**  
**KEEP AWAY FROM CHILDREN**

**BALTIMORE, MD. / PHONE 301-243-8856      WASHINGTON, D.C. AREA / PHONE 202-621-4303**

Warranty: We warrant our materials to be of good quality and will replace any material proved defective. We believe that the technical information provided is reliable and that our materials will perform to your satisfaction. However, we cannot guarantee final results because of the many possible variations in field conditions and application procedures.

# Material Safety Data Sheet

May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

U.S. Department of Labor  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072



IDENTITY (As Used on Label and List) **FX-571 "A" Compd.** *Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

## Section I

Manufacturer's Name <b>Fox Industries, Inc.</b>	Emergency Telephone Number <b>1-800-424-9300 CHEMTREC</b>
Address (Number, Street, City, State, and ZIP Code) <b>3100 Falls Cliff Road</b>	Telephone Number for Information <b>(410) 243-8856</b>
<b>Baltimore, MD 21211</b>	Date Prepared <b>9/93</b>
	Signature of Preparer (optional)

## Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Titanium Dioxide CAS #13463-67-7		10 mg/m <sup>3</sup>		
Polysulfide Polymer	N/E			
Chlorinated Parafin CAS #108171-26-2	N/E	N/E		

## Section III — Physical/Chemical Characteristics

Boiling Point	N/D	Specific Gravity (H <sub>2</sub> O = 1)	1.6
Vapor Pressure (mm Hg.)	N/D	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	N/D

Solubility in Water **Slight**

Appearance and Odor **Gray paste**

## Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) <b>300°F</b>	Flammable Limits	LEL N/D	UEL N/D
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Extinguishing Media **CO<sub>2</sub>, dry chemical, foam**

Special Fire Fighting Procedures **Wear self-contained breathing apparatus with full face piece.**

Unusual Fire and Explosion Hazards **None**

N/A = Not Applicable    N/D = Not Determined    N/E = Not Established

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) None known

Hazardous Decomposition or Byproducts CO, CO<sub>2</sub>

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI — Health Hazard Data**

Route(s) of Entry: Inhalation? No Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic) Eyes: May cause irritation. Skin: Can cause slight irritation. May cause irritation of nasal passages.

Toxicity: NTP? Chlor Para. proposed 5th report IARC Monographs? Not Listed OSHA Regulated? Not Regulated

Signs and Symptoms of Exposure Skin irritation

Medical Conditions Exacerbated by Exposure None known

Emergency and First Aid Procedures Skin: Wash thoroughly with soap and water. Eyes: Irrigate for 15 minutes with water. If irritation persists, seek medical attention.

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled Absorb with absorbent material. Scoop to suitable containers.

Waste Disposal Method Dispose of in accordance with Federal, State, and Local regulations.

Precautions to Be Taken in Handling and Storing Keep containers closed.

Other Precautions Wash after handling.

**Section VIII — Control Measures**

Respiratory Protection (Specify Type) None normally needed

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

Good general ventilation

Protective Gloves Rubber gloves Eye Protection Safety glasses

Other Protective Clothing or Equipment Long sleeved clothing.

Work/Hygienic Practices Follow practices of good industrial hygiene.

**Material Safety Data Sheet**

May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072



IDENTITY (As Used on Label and List)

FX-571 "B" Comp.

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name <b>Fox Industries, Inc.</b>	Emergency Telephone Number <b>1-800-424-9300 CHEMTREC</b>
Address (Number, Street, City, State, and ZIP Code) <b>3100 Falls Cliff Road</b>	Telephone Number for Information <b>(410) 243-8856</b>
<b>Baltimore, MD 21211</b>	Date Prepared <b>9/93</b>
	Signature of Preparer (optional)

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Alkyl Benzyl Ester	CAS #68515-40-2	5 ppm			
Manganese Dioxide	CAS #1313-13-9	N/E			

**Section III — Physical/Chemical Characteristics**

Boiling Point	<b>734 F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.63</b>
Vapor Pressure (mm Hg.)	<b>.5 mmHg</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>&gt;1</b>	Evaporation Rate (Butyl Acetate = 1)	<b>N/A</b>
Solubility in Water <b>Insoluble</b>			
Appearance and Odor <b>Dark brown paste</b>			

**Section IV — Fire and Explosion Hazard Data**

Flash Point (Method Used)	<b>440°F</b>	Flammable Limits	LEL <b>N/D</b>	UEL <b>N/D</b>
Extinguishing Media <b>Regular foam, water fog, CO<sub>2</sub></b>				
Special Fire Fighting Procedures <b>Wear self-contained breathing apparatus with full face piece.</b>				
Usual Fire and Explosion Hazards <b>N/A</b>				

N/A = Not Applicable    N/D = Not Determined    N/E = Not Established  
 (Reproduce locally) OSHA 174, Sept. 1985

Section V — Reactivity Data

Reactivity	Unstable		Conditions to Avoid
	Stable	X	

Compatibility (Materials to Avoid) Avoid strong oxidizing agents

Section V — Hazardous Decomposition or Byproducts

CO, CO<sub>2</sub>

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
		No		No		No

Health Hazards (Acute and Chronic) Eyes: May cause irritation. Skin: Can cause slight irritation. May cause irritation of nasal passages.

Carcinogenicity:	NTP?	Not Listed	IARC Monographs?	Not Listed	OSHA Regulated?	Not Regulated
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Signs and Symptoms of Exposure Skin or eye irritation.

Medical Conditions Generally Aggravated by Exposure None

Emergency and First Aid Procedures Skin: Wash thoroughly with soap and water. Eyes: Irrigate for minutes with water. If irritation persists, seek medical attention.

Section VII — Precautions for Safe Handling and Use

Precautions to Be Taken in Case Material is Released or Spilled Absorb with absorbent material. Scoop to suitable containers.

Waste Disposal Method Dispose of in accordance with Federal, State, and Local regulations.

Precautions to Be Taken in Handling and Storing Keep containers closed.

Other Precautions Wash after handling.

Section VIII — Control Measures

Respiratory Protection (Specify Type) None normally needed

Ventilation	Local Exhaust		Special
	Mechanical (General)	Good general ventilation	Other

Protective Gloves Rubber gloves Eye Protection Safety glasses

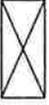
Protective Clothing or Equipment Long sleeved clothing.

Hygienic Practices Follow practices of good industrial hygiene.

**APPENDIX G**  
**BORING LOGS FOR P-1, P-2 AND P-5**

PROJECT: ATLANTIC WOOD INDUSTRIES, INC. LOCATION: ATHENS, NEW YORK CLIENT: ATLANTIC WOOD INDUSTRIES	GEOPROBE LOG: P-1
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DRILLING METHOD: TRUCK-MOUNTED GEOPROBE DRILLER: ZEBRA ENVIRONMENTAL DATE DRILLED: OCTOBER 30, 1995 GEOLOGIST: ROB GASS	GROUND ELEVATION: NA ELEVATION DATUM: NA BORING DEPTH: 22 DEPTH DATUM: FEET
--	--

DEPTH (feet)	BLOW COUNT (SPT)	SAMPLES	GRAPHIC LOG	DESCRIPTION
0				Brown SAND and GRAVEL, loose (fill material).
5				Olive-brown to brown Silty CLAY, with some gray mottling, dense, dry.
10				
15				
20				Dark blue gray Silty CLAY, soft, slightly plastic, moist.
22.0				Bottom of Boring at 22.0 feet.
25				
30				
35				

PROJECT: ATLANTIC WOOD INDUSTRIES, INC.  
 LOCATION: ATHENS, NEW YORK  
 CLIENT: ATLANTIC WOOD INDUSTRIES

GEOPROBE LOG: P-2

DRILLING METHOD: TRUCK-MOUNTED GEOPROBE  
 DRILLER: ZEBRA ENVIRONMENTAL  
 DATE DRILLED: OCTOBER 30, 1995  
 GEOLOGIST: ROB GASS

GROUND ELEVATION: NA  
 ELEVATION DATUM: NA  
 BORING DEPTH: 30  
 DEPTH DATUM: FEET

DEPTH (feet)	BLOW COUNT (SPT)	SAMPLES	GRAPHIC LOG	DESCRIPTION
5				
10				
15				
20				
25				
30				
35				

PROJECT: ATLANTIC WOOD INDUSTRIES, INC.  
 LOCATION: ATHENS, NEW YORK  
 CLIENT: ATLANTIC WOOD INDUSTRIES

GEOPROBE LOG: P-5

DRILLING METHOD: TRUCK-MOUNTED GEOPROBE  
 DRILLER: ZEBRA ENVIRONMENTAL  
 DATE DRILLED: OCTOBER 30, 1995  
 GEOLOGIST: ROB GASS

GROUND ELEVATION: NA  
 ELEVATION DATUM: NA  
 BORING DEPTH: 24  
 DEPTH DATUM: FEET

DEPTH (feet)	BLOW COUNT (SPT)	SAMPLES	GRAPHIC LOG	DESCRIPTION
				Brown SAND and GRAVEL, loose (fill material).
5				Olive-brown to brown Silty CLAY, with some gray mottling, dense, dry.
10				
15				
20				
				Dark blue gray Silty CLAY, soft, slightly plastic, moist.
25				Bottom of Boring at 24.0 feet.
30				
35				

**APPENDIX H  
SOIL ANALYTICAL RESULTS**

CHESTER LabNet - Pittsburgh  
 3000 Tech Center Drive  
 Monroeville, PA 15146-9998  
 (412) 825-9833

Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/09/95

DRY WEIGHT ANALYSES

Source: P-1 3-5'  
 Log Number: 95-0016921  
 Date Collected: 10/30/95  
 Time Collected: 17:35  
 Date Received: 11/01/95

Account No.: 461  
 Project No.: 9511002  
 Client No.: 04003047001  
 P.O. No.: 04003047001

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP TCLP NONVOL TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap	11/01
WET CHEM WET CHEMISTRY Total Percent Solids	80 9.2	wt% Units	1.0 N/A	160.3 9045	m/s	11/03 jeb 11/02
pH MET/GFAA TOTAL METALS Arsenic, As	<0.6	mg/kg	0.6	7060	cby	11/06
MET/ICP TOTAL METALS Chromium, Cr Copper, Cu	21.3 22.5	mg/kg mg/kg	1.3 1.3	6010 6010	jap	11/03 jap 11/03

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/09/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016921  
 Log Number: 95-0016922  
 Date Collected: 10/30/95  
 Time Collected: 17:35  
 Date Received: 11/01/95

Account No.: 461  
 Project No.: 9511002  
 Client No.: 04003047001  
 P.O. No.: 04003047001

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP						
TCLP NONVOL						
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap	11/01
Extract pH, Nonvolatiles	7.04	Units	N/A	9040	bap	11/01
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap	11/01
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap	11/01
MET/ICP						
TCLP METALS						
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap	11/06
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap	11/06
TCLP Copper, Cu	<.01	mg/L	0.01	6010	jap	11/06

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/09/95

DRY WEIGHT ANALYSES

Source: P-2 3-5'  
 Log Number: 95-0016923  
 Date Collected: 10/30/95  
 Time Collected: 17:15  
 Date Received: 11/01/95

Account No.: 461  
 Project No.: 9511002  
 Client No.: 04003047001  
 P.O. No.: 04003047001

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP						
TCLP NONVOL						
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap	11/01
WET CHEM						
WET CHEMISTRY						
Total Percent Solids	77	wt%	1.0	160.3	m1s	11/03
pH	8.2	Units	N/A	9045	jeb	11/02
MET/GFAA						
TOTAL METALS						
Arsenic, As	10.6	mg/kg	0.6	7060	cby	11/06
MET/ICP						
TOTAL METALS						
Chromium, Cr	28.6	mg/kg	1.3	6010	jap	11/03
Copper, Cu	28.6	mg/kg	1.3	6010	jap	11/03

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/09/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016923  
 Log Number: 95-0016924  
 Date Collected: 10/30/95  
 Time Collected: 17:15  
 Date Received: 11/01/95

Account No.: 461  
 Project No.: 9511002  
 Client No.: 04003047001  
 P.O. No.: 04003047001

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP						
TCLP NONVOL						
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap	11/01
Extract pH, Nonvolatiles	5.21	Units	N/A	9040	bap	11/01
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap	11/01
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap	11/01
MET/ICP						
TCLP METALS						
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap	11/06
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap	11/06
TCLP Copper, Cu	0.012	mg/L	0.01	6010	jap	11/06

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Laboratory Analyses Report  
For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: SS-1  
Log Number: 95-0016527  
Date Collected: 10/10/95  
Time Collected: 09:15  
Date Received: 10/13/95

Account No.: 461  
Project No.: 9510283  
Client No.: 0400301180603  
P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP TCLP NONVOL TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap 10/24
WET CHEM WET CHEMISTRY Total Percent Solids	90	wt%	1.0	160.3	m1s 11/01
pH	7.8	Units	N/A	9045	jrK 10/23
MET/GFAA TOTAL METALS Arsenic, As	11.1	mg/kg	1.1	7060	jmy 10/25
MET/ICP TOTAL METALS Chromium, Cr	15.6	mg/kg	1.1	6010	jap 10/26
Copper, Cu	25.6	mg/kg	1.1	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016527  
 Log Number: 95-0016528  
 Date Collected: 10/10/95  
 Time Collected: 09:15  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap 10/24
Extract pH, Nonvolatiles	5.76	Units	N/A	9040	bap 10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap 10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap 10/24
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap 10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap 10/26
TCLP Copper, Cu	<.01	mg/L	0.01	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: SS-2  
 Log Number: 95-0016529  
 Date Collected: 10/10/95  
 Time Collected: 09:50  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP						
TCLP NONVOL						
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap	10/24
WET CHEM						
WET CHEMISTRY						
Total Percent Solids	96	wt%	1.0	160.3	m/s	11/01
pH	8.9	Units	N/A	9045	jrkl	10/23
MET/GFAA						
TOTAL METALS						
Arsenic, As	42.7	mg/kg	2.6	7060	jmy	10/25
MET/ICP						
TOTAL METALS						
Chromium, Cr	50.0	mg/kg	1.0	6010	jap	10/26
Copper, Cu	42.7	mg/kg	1.0	6010	jap	10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016529  
 Log Number: 95-0016530  
 Date Collected: 10/10/95  
 Time Collected: 09:50  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap 10/24
Extract pH, Nonvolatiles	6.24	Units	N/A	9040	bap 10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap 10/24
Weight Extracted, Nonvolatiles	6.24	Grams	N/A	1311	bap 10/24
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap 10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap 10/26
TCLP Copper, Cu	<.01	mg/L	0.01	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016531  
 Log Number: 95-0016532  
 Date Collected: 10/10/95  
 Time Collected: 10:25  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap 10/24
Extract pH, Nonvolatiles	4.89	Units	N/A	9040	bap 10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap 10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap 10/24
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap 10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap 10/26
TCLP Copper, Cu	<.01	mg/L	0.01	6010	jap 10/26

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Laboratory Analyses Report  
For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: SS-3  
Log Number: 95-0016531  
Date Collected: 10/10/95  
Time Collected: 10:25  
Date Received: 10/13/95

Account No.: 461  
Project No.: 9510283  
Client No.: 0400301180603  
P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP TCLP NONVOL TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap 10/24
WET CHEM WET CHEMISTRY Total Percent Solids	77	wt%	1.0	160.3	mls 11/01
pH	8.8	Units	N/A	9045	jrj 10/23
MET/GFAA TOTAL METALS Arsenic, As	5.5	mg/kg	0.6	7060	jmy 10/25
MET/ICP TOTAL METALS Chromium, Cr	27.3	mg/kg	1.3	6010	jap 10/26
Copper, Cu	32.5	mg/kg	1.3	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016535  
 Log Number: 95-0016536  
 Date Collected: 10/10/95  
 Time Collected: 11:15  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap 10/24
Extract pH, Nonvolatiles	4.80	Units	N/A	9040	bap 10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap 10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap 10/24
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap 10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap 10/26
TCLP Copper, Cu	<.01	mg/L	0.01	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: SS-5  
 Log Number: 95-0016539  
 Date Collected: 10/10/95  
 Time Collected: 12:20  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Anal	Test Date
LEACHPREP						
TCLP NONVOL						
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap	10/24
WET CHEM						
WET CHEMISTRY						
Total Percent Solids	79	wt%	1.0	160.3	mls	11/01
pH	8.2	Units	N/A	9045	jrkl	10/23
MET/GFAA						
TOTAL METALS						
Arsenic, As	5.2	mg/kg	0.6	7060	jmy	10/25
MET/ICP						
TOTAL METALS						
Chromium, Cr	29.1	mg/kg	1.3	6010	jap	10/26
Copper, Cu	27.8	mg/kg	1.3	6010	jap	10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: BSS-2  
 Log Number: 95-0016537  
 Date Collected: 10/10/95  
 Time Collected: 11:30  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap 10/24
WET CHEM					
WET CHEMISTRY					
Total Percent Solids	78	wt%	1.0	160.3	mls 11/01
pH	8.4	Units	N/A	9045	jrj 10/23
MET/GFAA					
TOTAL METALS					
Arsenic, As	4.9	mg/kg	0.6	7060	jmy 10/25
MET/ICP					
TOTAL METALS					
Chromium, Cr	32.1	mg/kg	1.3	6010	jap 10/26
Copper, Cu	32.1	mg/kg	1.3	6010	jap 10/26

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Laboratory Analyses Report  
For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: SS-4  
Log Number: 95-0016533  
Date Collected: 10/10/95  
Time Collected: 12:00  
Date Received: 10/13/95

Account No.: 461  
Project No.: 9510283  
Client No.: 0400301180603  
P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP						
TCLP NONVOL						
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap	10/24
WET CHEM						
WET CHEMISTRY						
Total Percent Solids	80	wt%	1.0	160.3	mls	11/01
pH	8.8	Units	N/A	9045	jrk	10/23
MET/GFAA						
TOTAL METALS						
Arsenic, As	5.3	mg/kg	0.6	7060	jmy	10/25
MET/ICP						
TOTAL METALS						
Chromium, Cr	31.3	mg/kg	1.3	6010	jap	10/26
Copper, Cu	26.3	mg/kg	1.3	6010	jap	10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016533  
 Log Number: 95-0016534  
 Date Collected: 10/10/95  
 Time Collected: 12:00  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap 10/24
Extract pH, Nonvolatiles	5.37	Units	N/A	9040	bap 10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap 10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap 10/24
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap 10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap 10/26
TCLP Copper, Cu	0.011	mg/L	0.01	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: BSS-1  
 Log Number: 95-0016535  
 Date Collected: 10/10/95  
 Time Collected: 11:15  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Anal Date
LEACHPREP TCLP NONVOL TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap 10/24
WET CHEM WET CHEMISTRY Total Percent Solids	77 8.9	wt% Units	1.0 N/A	160.3 9045	mls 11/01 jrk 10/23
pH MET/GFAA TOTAL METALS Arsenic, As	4.4	mg/kg	0.6	7060	jmy 10/25
MET/ICP TOTAL METALS Chromium, Cr Copper, Cu	33.8 33.8	mg/kg mg/kg	1.3 1.3	6010 6010	jap 10/26 jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016537  
 Log Number: 95-0016538  
 Date Collected: 10/10/95  
 Time Collected: 11:30  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap 10/24
Extract pH, Nonvolatiles	4.92	Units	N/A	9040	bap 10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap 10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap 10/24
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap 10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap 10/26
TCLP Copper, Cu	0.011	mg/L	0.01	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016539  
 Log Number: 95-0016540  
 Date Collected: 10/10/95  
 Time Collected: 12:20  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap 10/24
Extract pH, Nonvolatiles	5.35	Units	N/A	9040	bap 10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap 10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap 10/24
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap 10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap 10/26
TCLP Copper, Cu	0.014	mg/L	0.01	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: SS-6  
 Log Number: 95-0016541  
 Date Collected: 10/10/95  
 Time Collected: 12:35  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap 10/24
WET CHEM					
WET CHEMISTRY					
Total Percent Solids	82	wt%	1.0	160.3	m1s 11/01
pH	8.5	Units	N/A	9045	jr1 10/23
MET/GFAA					
TOTAL METALS					
Arsenic, As	4.3	mg/kg	0.6	7060	jmy 10/25
MET/ICP					
TOTAL METALS					
Chromium, Cr	26.8	mg/kg	1.2	6010	jap 10/26
Copper, Cu	25.6	mg/kg	1.2	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016541  
 Log Number: 95-0016542  
 Date Collected: 10/10/95  
 Time Collected: 12:35  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap 10/24
Extract pH, Nonvolatiles	6.75	Units	N/A	9040	bap 10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap 10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap 10/24
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap 10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap 10/26
TCLP Copper, Cu	<.01	mg/L	0.01	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: SS-7  
 Log Number: 95-0016543  
 Date Collected: 10/10/95  
 Time Collected: 12:50  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap 10/24
WET CHEM					
WET CHEMISTRY					
Total Percent Solids	78	wt%	1.0	160.3	mls 11/01
pH	7.9	Units	N/A	9045	jrk 10/23
MET/GFAA					
TOTAL METALS					
Arsenic, As	3.8	mg/kg	0.6	7060	jmy 10/25
MET/ICP					
TOTAL METALS					
Chromium, Cr	29.5	mg/kg	1.3	6010	jap 10/26
Copper, Cu	19.2	mg/kg	1.3	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016543  
 Log Number: 95-0016544  
 Date Collected: 10/10/95  
 Time Collected: 12:50  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP						
TCLP NONVOL						
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap	10/24
Extract pH, Nonvolatiles	5.03	Units	N/A	9040	bap	10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap	10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap	10/24
MET/ICP						
TCLP METALS						
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap	10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap	10/26
TCLP Copper, Cu	<.01	mg/L	0.01	6010	jap	10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: SS-8  
 Log Number: 95-0016545  
 Date Collected: 10/10/95  
 Time Collected: 13:00  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Anal	Test Date
LEACHPREP						
TCLP NONVOL						
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap	10/24
WET CHEM						
WET CHEMISTRY						
Total Percent Solids	82	wt%	1.0	160.3	mls	11/01
pH	7.7	Units	N/A	9045	jrk	10/23
MET/GFAA						
TOTAL METALS						
Arsenic, As	2.4	mg/kg	0.6	7060	jmy	10/25
MET/ICP						
TOTAL METALS						
Chromium, Cr	29.3	mg/kg	1.2	6010	jap	10/26
Copper, Cu	29.3	mg/kg	1.2	6010	jap	10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016545  
 Log Number: 95-0016546  
 Date Collected: 10/10/95  
 Time Collected: 13:00  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap 10/24
Extract pH, Nonvolatiles	4.98	Units	N/A	9040	bap 10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap 10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap 10/24
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap 10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap 10/26
TCLP Copper, Cu	0.021	mg/L	0.01	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: SS-9  
 Log Number: 95-0016547  
 Date Collected: 10/10/95  
 Time Collected: 13:15  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP						
TCLP NONVOL						
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap	10/24
WET CHEM						
WET CHEMISTRY						
Total Percent Solids	79	wt%	1.0	160.3	mls	11/01
pH	7.7	Units	N/A	9045	jrk	10/23
MET/GFAA						
TOTAL METALS						
Arsenic, As	3.9	mg/kg	0.6	7060	jmy	10/25
MET/ICP						
TOTAL METALS						
Chromium, Cr	32.9	mg/kg	1.3	6010	jap	10/26
Copper, Cu	29.1	mg/kg	1.3	6010	jap	10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016547  
 Log Number: 95-0016548  
 Date Collected: 10/10/95  
 Time Collected: 13:15  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP						
TCLP NONVOL						
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap	10/24
Extract pH, Nonvolatiles	4.89	Units	N/A	9040	bap	10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap	10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap	10/24
MET/ICP						
TCLP METALS						
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap	10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap	10/26
TCLP Copper, Cu	0.015	mg/L	0.01	6010	jap	10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES  
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Source: SS-10  
 Log Number: 95-0016549  
 Date Collected: 10/10/95  
 Time Collected: 13:50  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
-----						
LEACHPREP						
TCLP NONVOL						
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap	10/24
WET CHEM						
WET CHEMISTRY						
Total Percent Solids	79	wt%	1.0	160.3	mls	11/01
pH	8.3	Units	N/A	9045	jrj	10/23
MET/GFAA						
TOTAL METALS						
Arsenic, As	4.4	mg/kg	0.6	7060	jmy	10/25
MET/ICP						
TOTAL METALS						
Chromium, Cr	27.8	mg/kg	1.3	6010	jap	10/26
Copper, Cu	30.4	mg/kg	1.3	6010	jap	10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0016549  
 Log Number: 95-0016550  
 Date Collected: 10/10/95  
 Time Collected: 13:50  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap 10/24
Extract pH, Nonvolatiles	6.45	Units	N/A	9040	bap 10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap 10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap 10/24
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap 10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap 10/26
TCLP Copper, Cu	0.014	mg/L	0.01	6010	jap 10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

DRY WEIGHT ANALYSES

Source: SS-A  
 Log Number: 95-0016551  
 Date Collected: 10/10/95  
 Time Collected: 13:30  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 040030110603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP						
TCLP NONVOL						
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	bap	10/24
WET CHEM						
WET CHEMISTRY						
Total Percent Solids	78	wt%	1.0	160.3	mls	11/01
pH	8.3	Units	N/A	9045	jrj	10/23
MET/GFAA						
TOTAL METALS						
Arsenic, As	2.4	mg/kg	0.6	7060	jmy	10/25
MET/ICP						
TOTAL METALS						
Chromium, Cr	34.6	mg/kg	1.3	6010	jap	10/26
Copper, Cu	30.8	mg/kg	1.3	6010	jap	10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 10/31/95

ANALYSES

Source: Tcpl Nonvolatile Extraction of 95-0016551  
 Log Number: 95-0016552  
 Date Collected: 10/10/95  
 Time Collected: 13:30  
 Date Received: 10/13/95

Account No.: 461  
 Project No.: 9510283  
 Client No.: 0400301180603  
 P.O. No.: 0400301180603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
<b>LEACHPREP</b>						
<b>TCLP NONVOL</b>						
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	bap	10/24
Extract pH, Nonvolatiles	4.92	Units	N/A	9040	bap	10/24
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	bap	10/24
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	bap	10/24
<b>MET/ICP</b>						
<b>TCLP METALS</b>						
TCLP Arsenic, As	<.03	mg/L	0.03	6010	jap	10/26
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	jap	10/26
TCLP Copper, Cu	<.01	mg/L	0.01	6010	jap	10/26

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-19 0-7"  
 Log Number: 95-0017705  
 Date Collected: 11/16/95  
 Time Collected: 14:10  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm 11/20
WET CHEM					
WET CHEMISTRY					
Total Percent Solids	71	wtx	1.0	160.3	r1b 11/21
pH	6.0	Units	N/A	9045	jeb 11/20
MET/GFAA					
TOTAL METALS					
Arsenic, As	6.3	ng/kg	0.7	7060	jmy 11/20
MET/ICP					
TOTAL METALS					
Chromium, Cr	32.4	ng/kg	1.4	6010	jap 11/18
Copper, Cu	33.8	ng/kg	1.4	6010	jap 11/18

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES  
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Source: Tc1p Nonvolatile Extraction of 95-0017703  
 Log Number: 95-0017704  
 Date Collected: 11/16/95  
 Time Collected: 14:02  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkm 11/20
Extract pH, Nonvolatiles	4.85	Units	N/A	9040	rkm 11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkm 11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkm 11/20
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg 11/21
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	rtg 11/21
TCLP Copper, Cu	0.014	mg/L	0.01	6010	rtg 11/21

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-18 0-12"  
 Log Number: 95-0017703  
 Date Collected: 11/16/95  
 Time Collected: 14:02  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP TCLP NONVOL TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm 11/20
WET CHEM WET CHEMISTRY Total Percent Solids	84 6.1	wt% Units	1.0 N/A	160.3 9045	r1b 11/21 jeb 11/20
pH MET/GFAA TOTAL METALS Arsenic, As	22.6	mg/kg	3.0	7060	jmy 11/20
MET/ICP TOTAL METALS Chromium, Cr Copper, Cu	31.0 17.9	mg/kg mg/kg	1.2 1.2	6010 6010	jap 11/18 jap 11/18

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0017701  
 Log Number: 95-0017702  
 Date Collected: 11/16/95  
 Time Collected: 13:50  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rk 11/20
Extract pH, Nonvolatiles	5.52	Units	N/A	9040	rk 11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rk 11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rk 11/20
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg 11/21
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	rtg 11/21
TCLP Copper, Cu	0.012	mg/L	0.01	6010	rtg 11/21

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-17 0-1.3'  
 Log Number: 95-0017701  
 Date Collected: 11/16/95  
 Time Collected: 13:50  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Anal Date
LEACHPREP					
TCLP NONVOL					
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm 11/20
WET CHEM					
WET CHEMISTRY					
Total Percent Solids	95	wt%	1.0	160.3	r1b 11/21
pH	8.0	Units	N/A	9045	jeb 11/20
MET/GFAA					
TOTAL METALS					
Arsenic, As	18.9	mg/kg	2.6	7060	jmy 11/20
MET/ICP					
TOTAL METALS					
Chromium, Cr	20.0	mg/kg	1.1	6010	jap 11/18
Copper, Cu	22.1	mg/kg	1.1	6010	jap 11/18

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Laboratory Analyses Report  
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Date of Report: 11/27/95

ANALYSES

Source: Tcpl Nonvolatile Extraction of 95-0017699  
 Log Number: 95-0017700  
 Date Collected: 11/16/95  
 Time Collected: 13:40  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
<b>LEACHPREP</b>					
<b>TCLP NONVOL</b>					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkM 11/20
Extract pH, Nonvolatiles	5.27	Units	N/A	9040	rkM 11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkM 11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkM 11/20
<b>MET/ICP</b>					
<b>TCLP METALS</b>					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg 11/21
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	rtg 11/21
TCLP Copper, Cu	0.014	mg/L	0.01	6010	rtg 11/21

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-16 0-1.2'  
 Log Number: 95-0017699  
 Date Collected: 11/16/95  
 Time Collected: 13:40  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP TCLP NONVOL TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm 11/20
WET CHEM WET CHEMISTRY Total Percent Solids	95 7.8	wtx Units	1.0 N/A	160.3 9045	r1b 11/21 jeb 11/20
pH MET/GFAA TOTAL METALS Arsenic, As	48.4	mg/kg	5.3	7060	jmy 11/20
MET/ICP TOTAL METALS Chromium, Cr Copper, Cu	38.9 31.6	mg/kg mg/kg	1.1 1.1	6010 6010	jap 11/18 jap 11/18

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0017697  
 Log Number: 95-0017698  
 Date Collected: 11/16/95  
 Time Collected: 13:03  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkm 11/20
Extract pH, Nonvolatiles	5.19	Units	N/A	9040	rkm 11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkm 11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkm 11/20
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg 11/21
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	rtg 11/21
TCLP Copper, Cu	<.01	mg/L	0.01	6010	rtg 11/21

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-15 9.5-10'  
 Log Number: 95-0017697  
 Date Collected: 11/16/95  
 Time Collected: 13:03  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm 11/20
WET CHEM					
WET CHEMISTRY					
Total Percent Solids	76	wtx	1.0	160.3	r1b 11/21
pH	7.8	Units	N/A	9045	jeb 11/20
MET/GFAA					
TOTAL METALS					
Arsenic, As	8.2	mg/kg	0.7	7060	jmy 11/20
MET/ICP					
TOTAL METALS					
Chromium, Cr	25.0	mg/kg	1.3	6010	jap 11/18
Copper, Cu	27.6	mg/kg	1.3	6010	jap 11/18

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0017695  
 Log Number: 95-0017696  
 Date Collected: 11/16/95  
 Time Collected: 12:33  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkm 11/20
Extract pH, Nonvolatiles	5.20	Units	N/A	9040	rkm 11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkm 11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkm 11/20
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg 11/21
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	rtg 11/21
TCLP Copper, Cu	0.016	mg/L	0.01	6010	rtg 11/21

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-14  
 Log Number: 95-0017695  
 Date Collected: 11/16/95  
 Time Collected: 12:33  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Anal	Test Date
LEACHPREP						
TCLP NONVOL						
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm	11/20
WET CHEM						
WET CHEMISTRY						
Total Percent Solids	95	wt%	1.0	160.3	r1b	11/21
pH	8.0	Units	N/A	9045	Jeb	11/20
MET/GFAA						
TOTAL METALS						
Arsenic, As	7.7	mg/kg	0.5	7060	jmy	11/20
MET/ICP						
TOTAL METALS						
Chromium, Cr	25.3	mg/kg	1.1	6010	jap	11/18
Copper, Cu	20.0	mg/kg	1.1	6010	jap	11/18

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Laboratory Analyses Report  
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ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0017693  
 Log Number: 95-0017694  
 Date Collected: 11/16/95  
 Time Collected: 12:21  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
<b>LEACHPREP</b>						
<b>TCLP NONVOL</b>						
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkn	11/20
Extract pH, Nonvolatiles	4.92	Units	N/A	9040	rkn	11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkn	11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkn	11/20
<b>MET/ICP</b>						
<b>TCLP METALS</b>						
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg	11/21
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	rtg	11/21
TCLP Copper, Cu	0.011	mg/L	0.01	6010	rtg	11/21

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Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-13  
 Log Number: 95-0017693  
 Date Collected: 11/16/95  
 Time Collected: 12:21  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Anl Test Date
LEACHPREP TCLP NONVOL TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkn 11/20
WET CHEM WET CHEMISTRY Total Percent Solids	95 8.1	wt% Units	1.0 N/A	160.3 9045	r/b 11/21 jeb 11/20
pH MET/GFAA TOTAL METALS Arsenic, As	10.3	mg/kg	1.1	7060	jny 11/20
MET/ICP TOTAL METALS Chromium, Cr Copper, Cu	18.9 15.8	mg/kg mg/kg	1.1 1.1	6010 6010	jap 11/18 jap 11/18

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES  
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Source: Tc1p Nonvolatile Extraction of 95-0017692  
 Log Number: 95-0017692  
 Date Collected: 11/16/95  
 Time Collected: 12:18  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
<b>LEACHPREP</b>						
<b>TCLP NONVOL</b>						
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkm	11/20
Extract pH, Nonvolatiles	5.04	Units	N/A	9040	rkm	11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkm	11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkm	11/20
<b>MET/ICP</b>						
<b>TCLP METALS</b>						
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg	11/21
TCLP Chromium, Cr	0.028	mg/L	0.01	6010	rtg	11/21
TCLP Copper, Cu	0.010	mg/L	0.01	6010	rtg	11/21

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Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-12  
 Log Number: 95-0017691  
 Date Collected: 11/16/95  
 Time Collected: 12:18  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP TCLP NONVOL TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm 11/20
WET CHEM WET CHEMISTRY Total Percent Solids	94	wt%	1.0	160.3	rjb 11/21
pH	8.4	Units	N/A	9045	jeb 11/20
MET/GFAA TOTAL METALS Arsenic, As	128	mg/kg	13.3	7060	jmy 11/20
MET/ICP TOTAL METALS Chromium, Cr	105	mg/kg	1.1	6010	jap 11/18
Copper, Cu	34.0	mg/kg	1.1	6010	jap 11/18

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For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-11  
Log Number: 95-0017690  
Date Collected: 11/16/95  
Time Collected: 11:12  
Date Received: 11/18/95

Account No.: 461  
Project No.: 9511178  
Client No.: 040030118-0603  
P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anal Date
WET CHEM WET CHEMISTRY Total Percent Solids	80	wt%	1.0	160.3	r1b 11/21
GC VOLATILES Total Petroleum Hydrocarbons (GRO)	<13	mg/kg	13	GRO	akg 11/20
SEMIVOLATILES Total Petroleum Hydrocarbons (DRO)	<13	mg/kg	13	DRO	jmo 11/22

COMMENTS

01 No hydrocarbon pattern was determined for kerosene.

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES  
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Source: Tcip Nonvolatile Extraction of 95-0017705  
 Log Number: 95-0017706  
 Date Collected: 11/16/95  
 Time Collected: 14:10  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
<b>LEACHPREP</b>					
<b>TCLP NONVOL</b>					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkm 11/20
Extract pH, Nonvolatiles	4.89	Units	N/A	9040	rkm 11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkm 11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkm 11/20
<b>MET/ICP</b>					
<b>TCLP METALS</b>					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg 11/21
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	rtg 11/21
TCLP Copper, Cu	<.01	mg/L	0.01	6010	rtg 11/21

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-20 0-13"  
 Log Number: 95-0017707  
 Date Collected: 11/16/95  
 Time Collected: 14:16  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Date
LEACHPREP					
TCLP NONVOL					
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm 11/20
WET CHEM					
WET CHEMISTRY					
Total Percent Solids	74	wt%	1.0	160.3	r1b 11/21
pH	5.9	Units	N/A	9045	jeb 11/20
MET/GFAA					
TOTAL METALS					
Arsenic, As	16.2	ng/kg	1.4	7060	jmy 11/20
MET/ICP					
TOTAL METALS					
Chromium, Cr	32.4	ng/kg	1.4	6010	jap 11/18
Copper, Cu	23.0	ng/kg	1.4	6010	jap 11/18

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0017707  
 Log Number: 95-0017708  
 Date Collected: 11/16/95  
 Time Collected: 14:16  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
<b>LEACHPREP</b>					
<b>TCLP NONVOL</b>					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkm 11/20
Extract pH, Nonvolatiles	4.85	Units	N/A	9040	rkm 11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkm 11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkm 11/20
<b>MET/ICP</b>					
<b>TCLP METALS</b>					
TCLP Arsenic, As	<.03	wg/L	0.03	6010	rtg 11/24
TCLP Chromium, Cr	<.01	wg/L	0.01	6010	rtg 11/21
TCLP Copper, Cu	<.01	wg/L	0.01	6010	rtg 11/21

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-21 0-7"  
 Log Number: 95-0017709  
 Date Collected: 11/16/95  
 Time Collected: 14:21  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm 11/20
WET CHEM					
WET CHEMISTRY					
Total Percent Solids	72	wt%	1.0	160.3	r1b 11/21
pH	5.8	Units	N/A	9045	jeb 11/20
MET/GFAA					
TOTAL METALS					
Arsenic, As	9.2	mg/kg	0.7	7060	jmy 11/20
MET/ICP					
TOTAL METALS					
Chromium, Cr	30.6	mg/kg	1.4	6010	jap 11/18
Copper, Cu	18.1	mg/kg	1.4	6010	jap 11/18

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0017709  
 Log Number: 95-0017710  
 Date Collected: 11/16/95  
 Time Collected: 14:21  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
<b>LEACHPREP</b>					
<b>TCLP NONVOL</b>					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkm 11/20
Extract pH, Nonvolatiles	4.86	Units	N/A	9040	rkm 11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkm 11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkm 11/20
<b>MET/ICP</b>					
<b>TCLP METALS</b>					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg 11/24
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	rtg 11/21
TCLP Copper, Cu	<.01	mg/L	0.01	6010	rtg 11/21

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-23 2.8'  
 Log Number: 95-0017711  
 Date Collected: 11/16/95  
 Time Collected: 14:45  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Date
LEACHPREP					
TCLP NONVOL					
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm 11/20
WET CHEM					
WET CHEMISTRY					
Total Percent Solids	77	wt%	1.0	160.3	r1b 11/21
pH	6.5	Units	N/A	9045	jeb 11/20
MET/GFAA					
TOTAL METALS					
Arsenic, As	5.7	mg/kg	0.6	7060	jmy 11/20
MET/ICP					
TOTAL METALS					
Chromium, Cr	29.9	ng/kg	1.3	6010	jap 11/18
Copper, Cu	22.1	ng/kg	1.3	6010	jap 11/18

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES

Source: Tc1p Nonvolatile Extraction of 95-0017711  
 Log Number: 95-0017712  
 Date Collected: 11/16/95  
 Time Collected: 14:45  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkM 11/20
Extract pH, Nonvolatiles	4.89	Units	N/A	9040	rkM 11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkM 11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkM 11/20
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg 11/24
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	rtg 11/21
TCLP Copper, Cu	0.011	mg/L	0.01	6010	rtg 11/21

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Laboratory Analyses Report  
For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES  
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Source: Tc1p Nonvolatile Extraction of 95-0017713  
Log Number: 95-0017714  
Date Collected: 11/16/95  
Time Collected: 14:53  
Date Received: 11/18/95

Account No.: 461  
Project No.: 9511178  
Client No.: 040030118-0603  
P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
LEACHPREP					
TCLP NONVOL					
Extraction Fluid, Nonvolatiles	1	None	N/A	1311	rkm 11/20
Extract pH, Nonvolatiles	5.08	Units	N/A	9040	rkm 11/20
Initial Filtrate, Nonvolatiles	0	ml	N/A	1311	rkm 11/20
Weight Extracted, Nonvolatiles	100	Grams	N/A	1311	rkm 11/20
MET/ICP					
TCLP METALS					
TCLP Arsenic, As	<.03	mg/L	0.03	6010	rtg 11/24
TCLP Chromium, Cr	<.01	mg/L	0.01	6010	rtg 11/21
TCLP Copper, Cu	<.01	mg/L	0.01	6010	rtg 11/21

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Laboratory Analyses Report  
 For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES

Source: SS-24 18"  
 Log Number: 95-0017713  
 Date Collected: 11/16/95  
 Time Collected: 14:53  
 Date Received: 11/18/95

Account No.: 461  
 Project No.: 9511178  
 Client No.: 040030118-0603  
 P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
LEACHPREP						
TCLP NONVOL						
TCLP Extraction, Nonvolatiles	done	None	N/A	1311	rkm	11/20
WET CHEM						
WET CHEMISTRY						
Total Percent Solids	78	wt%	1.0	160.3	r/b	11/21
pH	6.4	Units	N/A	9045	jeb	11/20
MET/GFAA						
TOTAL METALS						
Arsenic, As	6.5	mg/kg	0.6	7060	jmy	11/20
MET/ICP						
TOTAL METALS						
Chromium, Cr	30.8	mg/kg	1.3	6010	jap	11/18
Copper, Cu	32.1	ug/kg	1.3	6010	jap	11/18

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Laboratory Analyses Report  
For: Atlantic Wood

Date of Report: 11/27/95

DRY WEIGHT ANALYSES  
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Source: SS-25  
Log Number: 95-0017715  
Date Collected: 11/16/95  
Time Collected: 15:02  
Date Received: 11/18/95

Account No.: 461  
Project No.: 9511178  
Client No.: 040030118-0603  
P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Anal Date
WET CHEM					
WET CHEMISTRY					
Total Percent Solids	87	wt%	1.0	160.3	r7b 11/21
GC					
VOLATILES					
Total Petroleum Hydrocarbons (GRO)	<12	mg/kg	12	GRO	akg 11/20
SEMIVOLATILES					
Total Petroleum Hydrocarbons (DRO)	<12	mg/kg	12	DRO	jmo 11/22

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COMMENTS  
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01 No hydrocarbon pattern was determined for kerosene.

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Laboratory Analyses Report  
For: Atlantic Wood

Date of Report: 11/27/95

ANALYSES  
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Source: Trip Blank  
Log Number: 95-0017716  
Date Collected: 11/14/95  
Time Collected: 00:00  
Date Received: 11/18/95

Account No.: 461  
Project No.: 9511178  
Client No.: 040030118-0603  
P.O. No.: 040030118-0603

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
GC VOLATILES Total Petroleum Hydrocarbons (GRO)	<.1	mg/L	0.1	GRO	akg 11/20

**APPENDIX I**  
**PLANT WELL ANALYTICAL RESULTS**

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Laboratory Analyses Report  
For: Atlantic Wood

Date of Report: 11/09/95

ANALYSES  
-----

Source: AW-1  
Log Number: 95-0016926  
Date Collected: 10/31/95  
Time Collected: 10:00  
Date Received: 11/01/95

Account No.: 461  
Project No.: 9511002  
Client No.: 04003047001  
P.O. No.: 04003047001

	Conc.	Unit	Detection Limit	Procedure	Test Anl Date
-----					
MET/GFAA					
TOTAL METALS					
Arsenic, As	<.01	mg/L	0.01	7060	cby 11/06
DISS METALS					
Dissolved Arsenic, As	<.01	mg/L	0.01	7060	cby 11/06
MET/ICP					
TOTAL METALS					
Chromium, Cr	<.01	mg/L	0.01	6010	jap 11/03
Copper, Cu	<.01	mg/L	0.01	6010	jap 11/03
DISS METALS					
Dissolved Chromium, Cr	<.01	mg/L	0.01	6010	jap 11/03
Dissolved Copper, Cu	<.01	mg/L	0.01	6010	jap 11/03

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Laboratory Analyses Report  
For: Atlantic Wood

Date of Report: 11/09/95

ANALYSES

Source: EB-1  
Log Number: 95-0016925  
Date Collected: 10/30/95  
Time Collected: 14:50  
Date Received: 11/01/95

Account No.: 461  
Project No.: 9511002  
Client No.: 04003047001  
P.O. No.: 04003047001

	Conc.	Unit	Detection Limit	Procedure	Anl	Test Date
MET/GFAA						
TOTAL METALS						
Arsenic, As	<.01	mg/L	0.01	7060	cby	11/06
DISS METALS						
Dissolved Arsenic, As	<.01	mg/L	0.01	7060	cby	11/06
MET/ICP						
TOTAL METALS						
Chromium, Cr	<.01	mg/L	0.01	6010	jap	11/03
Copper, Cu	<.01	mg/L	0.01	6010	jap	11/03
DISS METALS						
Dissolved Chromium, Cr	<.01	mg/L	0.01	6010	jap	11/03
Dissolved Copper, Cu	<.01	mg/L	0.01	6010	jap	11/03

**APPENDIX J  
COMPLIANCE AUDIT CHECKLIST**

## Environmental Audit Questionnaire

Facility: AWI - Athens, New York  
 County: Greene  
 Completed By: David King  
 Size of Facility: Approximately 13 acres  
 EPA ID #: NYD 095 240 610

Address: P.O. Box 204, Athens, NY 12015  
 SIC Codes: 2491  
 Date: August 10, 1994, updated October 10, 1995  
 Age of Facility: 20 yrs Phone: (518) 945-2660

	Yes	No	N/A	Comments
<b>General</b>				
1 Are all environmental files centrally located?	X			At the Corporate office in Savannah
2 Is there a written environmental records retention policy?		X		No written policy, records kept indefinitely
3 Is there a file of laws, regulations, and ordinances applicable to facility activities?	X			BNA on CD, RCRA Training Manual, OSHA Training & Compliance Manual
4 Is there an up-to-date site plan?	X			Copy obtained
5 Does the site plan show all emission and discharge points?		X		
6 Is there an emergency action plan to cover potential environmental emergencies?	X			Copy reviewed
7 Are copies of Corporate environmental policies available?	X			Copy reviewed
8 Is there a waste minimization plan or source reduction plan?		X		See Ltr 1/6/93 NYDEP & AWI ltr 2/11/93. 25 tons/yr
9 What is the name of the nearest surface water?				Murders Creek
<b>Air</b>				
1 Have all air emission sources been identified?	X			For SARA Title III, Form R
2 Are industrial boilers used?	X			One process boiler - #2 diesel fuel for dry kilns
3 Have construction permits been obtained for emission sources?			X	
4 Are air permits required?		X		
5 Are air permits current?			X	
6 Expiration date(s)?			X	
7 Is self monitoring and reporting required?		X		
8 Have there been odor complaints?		X		
9 Has an air emissions inventory been conducted?	X			For SARA Title III Form R report, CCA process only
10 Are air monitoring records available?			X	
Have there been any air inspections by regulatory agencies in the last 12 months?		X		

**Environmental Audit Questionnaire**

	Yes	No	N/A	Comments
Are any air-regulated legal actions being pursued against the facility (i.e.: NOVs)?		X		
13 Is the facility in compliance with emission standards and permit conditions?			X	
14 Are there any emission control devices?		X		
15 Are there any CFCs or HCFCs used on-site?		X		
<b>2. Water</b>				
1 Is there a public water supply at this facility?	X			Village of Athens
2 Are there any on-site wells?	X			One process water well
3 Are on-site wells used for drinking water?		X		
4 Has drinking water been analyzed?			X	
5 Are on-site wells used for other purposes?	X			One process water well
6 Do on-site wells require permits?		X		
7 Are there wastewater discharge permits?		X		Stormwater only
Is there an on-site wastewater treatment facility?		X		
9 Is there a NPDES permit for process discharges?		X		No process discharge
10 Does NPDES permit address all point source discharges?			X	
11 Do DMRs indicate any violations in the last 2 years?			X	
12 Are there discharge to a publicly owned treatment works?		X		
13 Is pretreatment required prior to discharge?			X	
14 Are there self-monitoring and reporting requirements?	X			For the stormwater permit
15 Is a septic system used?	X			
16 Does underground injection occur?		X		
17 Has stormwater runoff been evaluated?		X		
18 Are raw materials/products stored outdoors?	X			
19 Is a stormwater permit required?	X			General permit # GP-93-05
20 Has an application been made for a stormwater permit?	X			
Are there any ponds or lagoons on-site?		X		
22 Are there wetlands on-site?	X			Potentially. Also some w/i 100 ft of property

**Environmental Audit Questionnaire**

	Yes	No	N/A	Comments
23 Have there been any water-related violations?		X		
24 Have there been any inspections by the water quality regulatory agencies in the last 12 months?		X		
25 Are any water-related legal actions being pursued against the facility?		X		
26 Is the facility in compliance with discharge standards and permit conditions?	X			Currently no discharge standards in Stormwater Permit
<b>4. Chemical Handling</b>				
1 Is there a list of hazardous chemicals used?	X			
2 Is there a program to inform and educate employees about the hazardous chemicals in the work place? (HAZCOM)	X			
3 Are training records available?	X			
4 Are containers properly labeled?	X			
5 Is employee exposure to hazardous materials minimized?	X			
6 Are hazardous materials and/or empty containers shipped off-site?	X			See Hazardous Waste
<b>5. Spill Prevention</b>				
1 Are there aboveground chemical or oil storage tanks?	X			
2 Is there a plot plan showing the location of tanks?		X		
3 Do aboveground tanks have secondary containment?	X			
4 Are inspection records maintained?		X		However, inspections are performed
5 Is oil stored on-site?	X			Drums in Maintenance Building
6 Is there a SPCC plan?	X			Plan reviewed, OK. Last revision March 1995
7 Are chemicals stored on-site?	X			In tanks and drums
8 Is there a best management practices plan?		X		See Stormwater Permit
9 Have there been any reportable spills in the last 12 months?		X		Last reportable spill May 1990
10 Were appropriate authorities notified?			X	
<b>6. Underground Storage Tanks (UST)s</b>				
1 Have USTs ever been used?	X			One filled with sand
2 Are USTs currently used?		X		

Environmental Audit Questionnaire

	Yes	No	N/A	Comments
3 Are any UST installations planned?		X		
4 Have all USTs been registered?			X	
5 Do USTs have secondary containment?			X	
6 Do USTs have corrosion protection?			X	
7 Do USTs have leak detection/monitoring systems?			X	
8 Are USTs located near water supply wells?			X	
9 Are financial liability insurance requirements being met?			X	
10 Have there been leaks from USTs?			X	
11 Is there pressurized underground piping?		X		
12 Is the depth to groundwater known?	X			Approximately 60 feet
<b>G. Solid Wastes</b>				
1 Is there a waste analysis plan?	X			See Hazardous Waste Section
Is waste oil generated?	X			Stored in 55-gallon drums; 2-3 drums maximum
3 Is waste oil burned on-site?		X		
4 Is there a waste oil contractor?	X			Local service - Maincare
5 Are waste oil shipment records maintained?		X		
6 Is there a written agreement with the waste oil transporter?		X		
7 Is there a written agreement with the waste oil disposal facility?		X		
8 Is solid waste transported off-site?	X			Waste Management, Inc. (914) 473-2955
9 Have solid wastes been buried on-site?		X		
10 Is solid waste burned on-site?		X		
11 Has back-fill or other fill material been used on-site?	X			Yard base - 6" - 20" of compacted rock
12 Has a recycling plan been implemented?		X		
<b>H. Hazardous Waste Management - General</b>				
1 Is there a hazardous waste analysis plan?	X			
2 Is hazardous waste generated?	X			D004, D007, F035
3 Is the facility a small quantity generator?		X		LQG 1992 - 7920 lbs; 1993 - 13680 lbs

Environmental Audit Questionnaire

	Yes	No	N/A	Comments
4 Are manifests and land disposal forms maintained on-site?	X			1993, 1994, and 1995 manifests reviewed at site
5 Are annual or biennial reports submitted?	X			Reviewed at site. 1992 report missing
6 Is there a designated hazardous waste storage or accumulation area?	X			< 90-day accumulation
7 Are periodic inspections of accumulation areas performed?	X			Records at plant
8 Is hazardous waste transported off-site?	X			
9 Is hazardous waste sent to a disposal facility?	X			Hickson Corporation
10 Are hazardous waste containers properly labeled?			X	No haz. waste drums on site during visit
11 Is there a hazardous waste training program?	X			
12 Are training records available?	X			Records reviewed and are up-to-date
13 Is there a hazardous waste contingency plan?	X			Plan reviewed - OK; revised March 1995
<b>Hazardous Waste Management - Subpart W, Drip Pad</b>				
Is there a written contingency plan?			X	NYDEC has not approved Subpart W
2 Are drip pad cleaning records maintained?	X			
3 Are records maintained documenting when drippage ceases?	X			
4 Are records maintained documenting past operating practices?			X	NYDEC has not approved Subpart W
5 Has the pad been certified by a registered engineer?	X			
<b>J. SARA Title III</b>				
1 Are MSDSs available for all workplace chemicals?	X			
2 Have Tier I or Tier II reports been submitted?	X			1992, 1993 & 1994 reports reviewed - OK
3 Have Form Rs been submitted?	X			1992, 1993 & 1994 reports reviewed - OK
4 Have MSDSs or a list of hazardous chemicals been submitted to emergency management agencies?	X			
<b>K. PCBs/Asbestos</b>				
1 Are there transformers on-site?	X			Two
2 Are the transformers company owned?		X		Central Hudson Gas & Electric Company
3 Has PCB sampling been done?		X		
Are results of testing on file?		X		
5 Is there any PCB-containing equipment on-site?		X		Ltr from CHG&E 10/19/89, no PCBs in transformers

Environmental Audit Questionnaire

	YES	NO	N/A	Comments
6 Has PCB-contaminated material been sent off-site?		X		
7 Is PCB-containing equipment being stored on-site?		X		
8 Any PCB spills?		X		
9 Is all PCB equipment properly labeled?			X	
10 Is asbestos suspected?		X		
11 Has an asbestos survey been performed?	X			No asbestos found
12 Has asbestos material been shipped off-site?		X		
<b>L. Solvents</b>				
1 Are solvents used on-site?		X		
2 Are spent solvents transported off-site?			X	
3 Are solvents sent to a reclaimer?			X	
<b>M. Neighboring Property</b>				
1 Do neighboring properties have commercial activities?	X			An industrial park
2 Are federal or state superfund sites located in the immediate vicinity?		X		