

PLANT DECOMMISSIONING FINAL REPORT

**Spaulding Composites Company, Inc.
Tonawanda, New York**



AUGUST 1995

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CONESTOGA-ROVERS & ASSOCIATES

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1.0 INTRODUCTION

Spaulding Composites Company (SCC) initiated decommissioning activities at their Tonawanda, New York facility (Site) in August 1992 when department shutdown and employee separations began at the Site. The majority of the decommissioning activities were completed in early 1993 with the remaining miscellaneous decommissioning activities (i.e. gas well closure, coal removal) completed in mid 1995. Figure 1.1 illustrates the Site location and Figure 1.2 presents the Plant layout.

The report entitled "Plant Decommissioning Work Plan, Spaulding Composites Company, Tonawanda, New York" (Work Plan), was provided to the New York State Department of Environmental Conservation (NYSDEC) by letter dated October 2, 1992, and described the scope of the plant decommissioning activities, detailed the procedures to be followed, and provided a method of documentation for the decommissioning activities. Plant decommissioning activities were performed in accordance with the Work Plan and in accordance with the terms and conditions of Schedule A to Order on Consent 91-18; R9-3425-91-04, except as noted in this report. All decommissioning activities were performed by SCC personnel or contractors to SCC with technical guidance and support provided by SCC's environmental consultants, Conestoga-Rovers & Associates (CRA).

Established plant safety, health, and environmental policies and procedures, as specified in the Work Plan, were adhered to through the duration of the Site decommissioning.

This report summarizes the activities completed as part of the Site decommissioning and includes appropriate documentation of the activities performed.

2.0 GENERAL DECOMMISSIONING TASKS

2.1 OPERATIONS SHUTDOWN

Manufacturing operations ceased in each department as follows:

- i) Paper Mill..... August 24, 1992
- ii) Spauldite® Sheet..... September 25, 1992
- iii) Fibre Sheet..... September 25, 1992
- iv) Fibre Tube..... December 18, 1992

As each area was shutdown, general cleanup was performed with emphasis on removal of all combustible/flammable materials. Decommissioning activities specific to each department are summarized in Section 3.0.

2.2 INVENTORIED PRODUCTS DISPOSITION

As part of the manufacturing process shutdown, most inventories of both raw materials and finished goods were transferred to other SCC facilities or sold. A summary of these transactions for all departments are listed in Table 2.1. Chemicals and other materials from the laboratory and other areas of the Plant that could not be sold were disposed of at an appropriate off-Site treatment/disposal facility in accordance with applicable rules and regulations. Hazardous waste manifests for all chemicals and materials shipped off-Site for disposal are listed in Table 2.2.

2.3 TANK/PROCESS VESSEL/PIPING DECOMMISSIONING

SCC disconnected, drained, and blanked off all tanks and associated piping located at the Site. Decontamination/cleanout of the piping and tank was performed by both contract personnel (i.e. Central New York

Industrial Services, Inc. [CNYIS], Marcor of New York, Inc. [Marcor], International Waste Removal, Inc. [IWRI]) and SCC personnel. All appropriate Standard Operating Procedures (SOPs), as presented in the Work Plan, were followed with each vessel as well as project specific health and safety procedures. Upon completion of decommissioning of each vessel, inspections were conducted, and the required documentation was completed in accordance with the Work Plan.

2.4 EQUIPMENT DECOMMISSIONING

Plant equipment and machinery were cleaned and locked out by SCC's maintenance crew in accordance with the Work Plan and all appropriate SOPs presented therein. The required inspections were made and associated documentation completed as each unit was decommissioned. The units were tagged with a "Decommissioning Certificate" after completion of decommissioning activities associated with the units. The methods used in cleaning equipment and machinery included power washing, vacuuming, and hand cleaning as appropriate for each unit.

2.5 OFF-SITE DISPOSAL

Waste materials generated during the decommissioning activities were classified as a non-hazardous waste or a hazardous waste and were disposed of at appropriate off-Site disposal facilities in accordance with applicable rules and regulations. A summary list of the hazardous waste manifests which accompanied the waste materials during shipment is presented in Table 2.2.

2.6 HEALTH AND SAFETY

Decommissioning activities were performed in accordance with the SOPs provided in the Work Plan and applicable

regulations. A selected group of SCC personnel were provided with the 40-hour hazardous waste training required by OSHA 1910.120. These personnel have also received annual 8-hour refresher course training and remain at the Site to conduct ongoing housekeeping activities and operation of the on-Site treatment system.

Each contractor performing activities associated with hazardous materials was required to supply a task-specific Work Plan and Health and Safety Plan to be followed during performance of their activities. Prior to the start of work, a health and safety indoctrination meeting was held with each of the contractors.

Air monitoring for volatile organic compounds (VOCs) and explosive gases (e.g., lower explosive limit [LELs]) was performed by CRA, subcontractors, and SCC personnel prior to the start of work activities to obtain baseline background readings and periodically during the specific work activities to determine appropriate respiratory protective equipment to be used. All air monitoring results and observations were documented and are on file at the Site.

2.7 INSPECTIONS AND RECORDKEEPING

Prior to and during plant decommissioning activities, an initial checklist of tanks and equipment was prepared for each department and included a description of the equipment/tank, the former or present contents, estimated quantity of contents to be removed, the required equipment decommissioning protocol (as described in the Work Plan), the isolation procedure (as appropriate), and the decommissioning completion date.

After completion of the decommissioning activities for each equipment/tank or area, an inspection was performed and a final inspection checklist was completed.

3.0 DEPARTMENT-SPECIFIC TASKS

All decommissioning activities were performed in accordance with the Work Plan and all appropriate SOPs presented therein. The appropriate checklists, prepared for documentation of specific Department decommissioning activities and as provided in the Work Plan, were completed for each department and are referenced as tables in the following sections.

All hazardous raw materials or products in each Department were inventoried prior to being transferred to other SCC facilities, sold, or disposed of off-Site in accordance with applicable rules and regulations. Lists of manifests and/or receipts for these transactions for each Department are included in Tables 2.1 and 2.2.

3.1 PAPER MILL DEPARTMENT

Decommissioning activities, as outlined in the Work Plan, were completed within the Paper Mill and Rag Shed operations in late 1992 and early 1993. The wooden beaters and mixers in the Paper Mill Department, and the steel beaters and mixers in the #2 Beater Room, were all decommissioned in-place by SCC personnel. The caustic tanks in the Paper Mill Department were cleaned by SCC personnel as well.

Table 3.1 presents an initial checklist for tank/equipment decommissioning. Upon completion of tank/equipment decommissioning activities, final inspections were performed, and a checklist was completed (see Table 3.2).

3.2 FIBRE SHEET AND FIBRE TUBE DEPARTMENTS

Decommissioning activities, as outlined in the Work Plan, were completed in the Fibre Sheet and Fibre Tube Departments in late 1992 and early 1993. The zinc processing tanks and the wooden leaching tanks

in the Fibre Tube Department, and the wooden leaching tanks in the #2 Long Area and the concrete tanks of the Fibre Sheet Department, were decommissioned in-place by CNYIS. The tanks in the Acid House and the Zinc Weak Water Treatment tanks near the Paper Roll Storage Area were also decommissioned in place by CNYIS.

The following tanks and pits in the Fibre Sheet and Fibre Tube Departments also were decommissioned in-place by CNYIS:

- i) light continuous making;
- ii) heavy continuous making;
- iii) leaching tanks;
- iv) acid house/tanks/pits;
- v) zinc treatment plant/tanks;
- vi) weak water pit;
- vii) strong water pit; and
- viii) the strong, weak, and clear water leach tank pits.

The tanks and pits were power washed and vacuumed out. Collected rinse waters were filtered on-Site to remove the zinc chloride sludge. Filter cakes generated during the decommissioning/cleaning process were disposed of as a hazardous waste at Chemical Waste Management's (CWM's) Model City, New York Facility. The rinse water or filtrate was treated in the on-Site evaporators and/or the Zinc Weak Water Treatment Plant.

In addition, CNYIS cleaned out the oil pit in the grinding area of the Fibre Tube Department as well.

Core samples of the wooden leaching tanks were taken after cleaning and were analyzed. Based on the analytical results of the samples, the tanks are non-hazardous (refer to Appendix A for the analytical data).

Tables 3.3 and 3.4, Initial Tank/Equipment Decommissioning Checklists for the Fibre Sheet and Fibre Tube Departments,

respectively, present completed lists of all processing equipment/tanks and machinery that were present in the departments. Tables 3.5 and 3.6 present the completed Final Inspection Checklists for the Fibre Sheet and Fibre Tube Departments, respectively.

3.3 SPAULDITE® SHEET DEPARTMENT

The Work Plan outlined the decommissioning activities performed in the Spauldite® Sheet Department. These activities were substantially completed in late 1992 and early 1993. All tanks in the Spauldite® Sheet Department were decommissioned in-place by SCC personnel, except for nine hazardous chemical storage tanks (e.g., aniline, formaldehyde, and cresylic acid tanks), and the outside two aboveground and five underground storage tanks (USTs). These hazardous chemical storage tanks were cleaned by Marcor as a subcontractor to SCC with CRA oversight. The five USTs were removed in May/June 1995 by SCC personnel and scrapped in accordance with a NYSDEC-approved UST removal plan.

Table 3.7 presents a completed Initial Tank/Equipment Decommissioning Checklist. Refer to Table 3.8 for a completed Final Inspection Checklist.

3.4 PLANTWIDE SPECIFIC DECOMMISSIONING ACTIVITIES

Various miscellaneous decommissioning activities were to be performed that were not distinctly part of the four manufacturing departments. Most of these activities, as outlined in the Work Plan, were completed in late 1992 and early 1993. All aboveground storage tanks (ASTs) were cleaned by SCC personnel and subcontractors and disposed of as scrap. All tanks in the Drier Room were decommissioned in-place by SCC personnel as well. Refer to Table 3.9, Initial Tank/Equipment Decommissioning Checklist, for a complete list of all decommissioned miscellaneous tanks, equipment, and machinery. Table 3.10 presents the Final Inspection Checklist for plantwide and miscellaneous equipment decommissioning activities.

All sumps, pits, and trench drains in each Department were cleaned at the end of the decommissioning activities. All sumps and pits were covered and/or barricaded as necessary.

Table 3.11 presents a Sump/Drain Inventory List for all departments.

4.0 MISCELLANEOUS DECOMMISSIONING ACTIVITIES

4.1 ASPHALT TANKS

Five asphalt tanks located outside of the plant were decommissioned in-place by International Waste Removal, Inc. (IWRI). Wipe samples were taken after cleaning and were analyzed. Based on the analytical results, the upper portions of the tanks were non-hazardous and were scrapped. The bottom portions contained polychlorinated biphenyls (PCBs) and lead. The asphalt was drummed and sent to CWM's facility in Port Arthur, Texas for incineration.

4.2 SPAULDITE® BASEMENT SUMP AND ON-SITE CARBON ADSORPTION TREATMENT PLANT

The Spauldite® basement sump was cleaned by IWRI to reduce and/or eliminate the amount of residual contamination on side walls. The sludge in the sump was removed, drummed, and disposed of at CWM's Model City facility. The sump was decontaminated and wipe samples were taken from the sump walls and analyzed for PCBs. The sump was decontaminated further until analytical results of wipe samples indicated that less than 10 µg/100 cm² PCBs were present and therefore the sump had been adequately decontaminated. The sump has subsequently been used for collection of water prior to treatment at the on-Site carbon treatment system.

All water generated during decontamination of the sump was drummed and treated at the on-Site carbon treatment system.

The on-Site Granular Activated Carbon (GAC) Treatment System was initially installed in early 1993 to treat water generated from the Spauldite® basement sump and other wastewaters generated on-Site. The treatment system consisted of an oil/water separator and GAC units with pre- and post-filtration.

In early 1995, a clarifier was added to the treatment system to increase the effectiveness of the treatment system. In August 1995, granular petroleum absorbent units will be added to the treatment system and will be installed with a bypass valve to allow flexible operation of the units.

The report entitled, "Operations Plan, Carbon Adsorption Treatment System, Spaulding Composites Company, Inc., Tonawanda, New York", CRA, May 10, 1995, provides a detailed description of the design and operation of the modified GAC treatment system.

4.3 K-LINE SEWER CLEANING

In June 1993, the entire K-Line storm sewer system was flushed and the sediments removed in accordance with the report entitled, "Sewer Cleaning Work Plan", CRA, December 1992. CNYIS performed the sewer cleaning under CRA supervision.

The entire K-Line sewer was videotaped following the cleaning operations for final determination of sewer integrity and cleanliness. The NYSDEC was on-Site throughout the entire operation and, after viewing the videotape, concurred with CRA that the K-Line storm sewer was clean and free of sediments.

The sediments were placed in roll-offs and sent off-Site to CWM's Model City facility for disposal.

For further information regarding the sewer cleaning operation, refer to the Work Plan.

4.4 COAL REMOVAL

The elevated coal hopper in the Old Boiler House contained in excess of 100 tons of high sulfur coal. In accordance with the Work Plan, which required removal of all flammable materials from the Site,

the coal was removed manually by SCC personnel and stockpiled on-Site. The coal will be transported off-Site by George Wolf Demolition Contractors to their facility in Niagara Falls, New York.

4.5 R1X TANKS AND BRINE TANK

The R1X tanks are being drained of free liquids and the liquids are being collected and containerized. The liquids will be disposed of in accordance with applicable regulations.

The hardened resins in the R1X tanks were sampled and analyzed for PCBs, the toxicity characteristic leaching procedure (TCLP) metals, volatiles, and semi-volatiles. In addition, a sample of the R1X tank contents was analyzed for ignitability. All detected constituents were below the regulatory limits (refer to Appendix B for the analytical data) for characteristic hazardous wastes. Based on the analytical results and product knowledge, the tank contents were declared non-hazardous.

The tanks will be rigged out with a crane onto flatbed trailers and disposed of at Modern Disposal Sanitary Landfill in Model City, New York. Proper permits for overweight and overwidth loads will be supplied by the contractor.

The brine tank was cut open and all solid brine (salt) was stored inside the building for future use on icy roadways during winter months.

4.6 TRANSFORMERS

4.6.1 PCB Transformers

Five PCB transformers were drained and, based on analytical results, were properly disposed of in accordance with applicable regulations at CWM's facility in Model City, New York. These transactions

were recorded and are included in the Hazardous Waste Manifest Log (see Table 2.2).

One main substation transformer that contained less than 500 ppm PCBs was drained and retrofitted by S.D. Myers, Inc. The transformer was reclassified as non-PCB in accordance with 40 CFR Part 761 and was subsequently sold to Sweeney Steel Service Corporation in Tonawanda, New York.

One PCB transformer (PCB concentration of 126 ppm) remains on-Site in the Rag Shed Department. Spaulding purchased this transformer from another company prior to the decommissioning to be used as a test transformer; however, the transformer has never been put in service and was supposed to be transferred to another division. Due to delays in getting acceptance from another division for transfer, the transformer has been stored on-Site in a labeled 300-gallon tank. It was sampled November 17, 1987. The transformer will be transferred once acceptance is received from the appropriate division. In the event that the transformer cannot be transferred, it will be properly disposed of in accordance with applicable rules and regulations.

4.6.2 Non-PCB Transformers

Based on analytical results, six non-PCB transformers were sold and removed from the Site.

All transactions were recorded and are on file at the Site.

4.7 UTILITY SHUTOFF

Utility service to all portions of the Facility, except the main office and the maintenance shop, was shutoff as follows:

<i>Utility</i>	<i>Shutoff Date</i>
City Water	1/93
Gas	1/93
25-Cycle Power	4/93
60-Cycle Power	5/93

A small 2-inch water line was rerouted to the maintenance shop in 11/92 prior to shutoff of the city water.

4.8 ROOF DRAIN RE-ROUTE

Roof drains in the Paper Mill Department that previously discharged to the I-Line sewer were rerouted to discharge outside of the building. Most of the roof drains were rerouted in October 1992, and the remaining were completed by June 1995. Approximately two-thirds of the roof drains in the B-Stage Area were rerouted also.

4.9 GAS WELL CAPPING

Spaulding Well #1 was plugged December 21, 1994. The gas well was subsequently inspected by NYSDEC on January 10, 1995 and no detectable leaks were observed. A plugging report (plugging permit No. 92-12180-P) was submitted to the NYSDEC following the inspection, and an approval letter was received from the NYSDEC on January 19, 1995. Copies of the plugging report and NYSDEC approval letter are included as Appendix C.

4.10 SITE SECURITY AND FENCING

The perimeter fence and gates are routinely inspected to ensure they are intact and the gates are locked. As of July 1995, gates had been

posted with "No Trespassing" signs and all unused driveways had been blocked off and posted as well.

4.11 THERMINOL UNIT DECOMMISSIONING

The Therminol Unit was drained, dismantled, and placed in a rolloff container. The rolloff was shipped to CWM's Model City facility for landfilling. A report describing the decommissioning of the Therminol Unit was prepared and is included as Appendix D.

5.0 REMAINING SITE MAINTENANCE AND PUNCHLIST ACTIVITIES

The following decommissioning activities need to be completed:

- i) the coal that was removed from the hoppers in the inactive boiler house and stockpiled on-Site needs to be transferred off-Site;
- ii) continue to drain the R1X tanks as described in Section 4.5 and transfer them to Modern Disposal's facility for disposal when the tanks have been sufficiently drained. If the tanks are still on-Site in December 1995, the situation will be re-evaluated;
- iii) approximately 250 empty drums from the Spauldite® sump need to be cleaned and disposed of in accordance with applicable rules and regulations;
- iv) approximately 15 drums in B-Stage and 80-90 capacitors need to be transferred to CWM's Model City facility for disposal; and
- v) one PCB transformer (PCB concentration of 126 ppm) remains on-Site in the Rag Shed Department. The transformer will be transferred to another facility or will be properly disposed of in accordance with applicable rules and regulations.

The following Site maintenance activities are ongoing routine inspection activities:

- i) quarterly safety inspection of the Niagara River Water Intake Pit;
- ii) safety inspections of the Site perimeter fence and gates to ensure they are intact, the gates are locked, and "No Trespassing" signs are posted; and
- iii) annual inspection of plant building conditions.

FIGURES

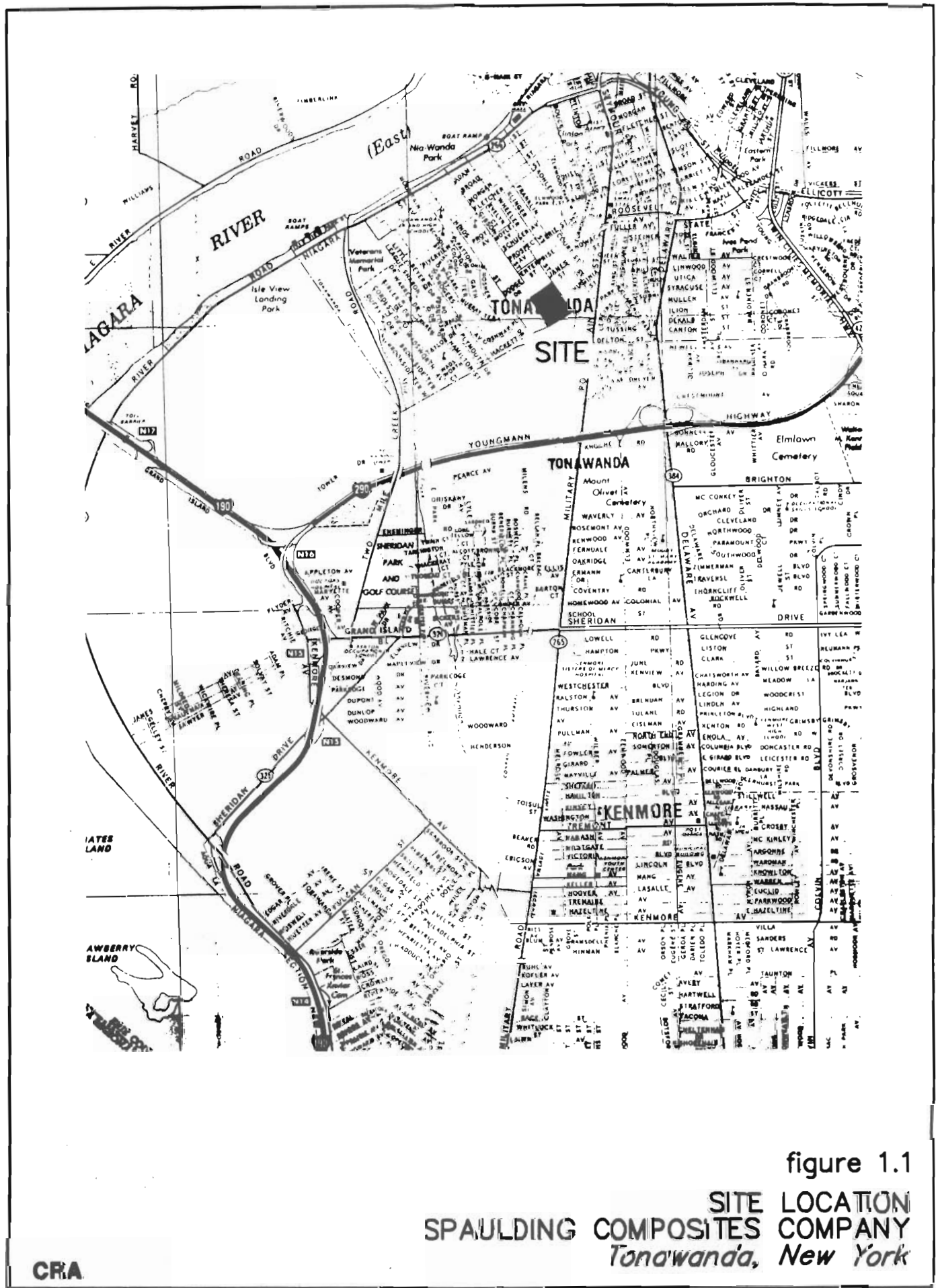


figure 1.1
 SITE LOCATION
 SPAULDING COMPOSITES COMPANY
 Tona'wanda, New York

CRA

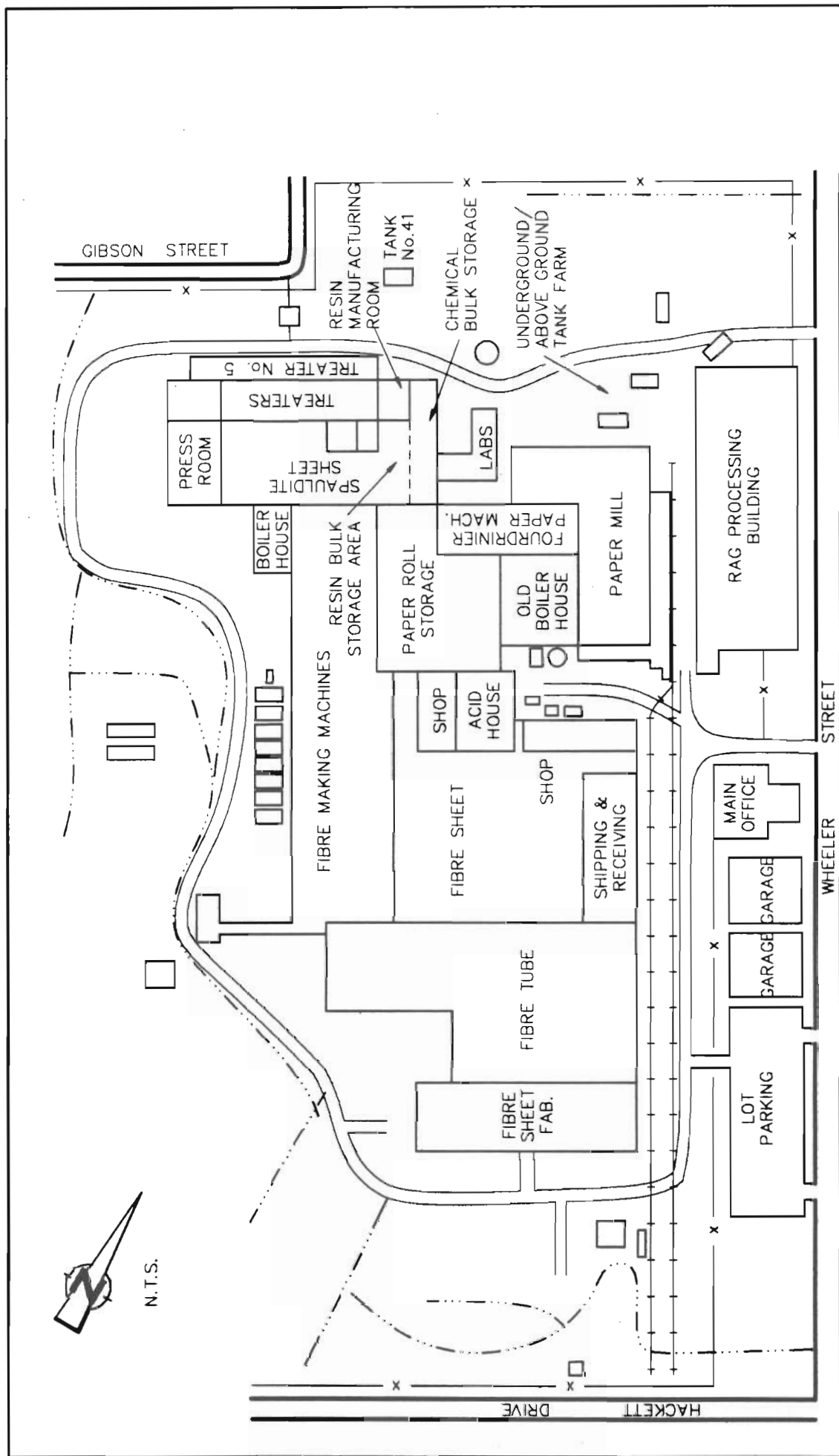


figure 1.2
 PLANT LAYOUT
 SPAULDING COMPOSITES COMPANY
 Tonawanda, New York

TABLES

TABLE 2.1
HAZARDOUS RAW MATERIAL/PRODUCT DISPOSITION RECORD
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Sheet Dept.				COMPLETED BY: D. Di Censo		
<i>Name</i>	<i>Plant Usage/Source</i>	<i>Quantity</i>	<i>Final Method</i>	<i>Disposition/Location</i>	<i>Disposed Date Removed</i>	<i>Manifest No. (As Appropriate)</i>
50170 Zinc Chloride	Fibre Sheet Tanks	37560 Lbs.	Shipped	NVF	11/05/92	B-1527, B/L-84048
FS 018298 Paper	Fibre Sheet Dept.	43196 Lbs.	Shipped	NVF	11/11/92	B/L-86503
FS 018297 Paper	Fibre Sheet Dept.	44245 Lbs.	Shipped	NVF	11/10/92	B/L-86501
FS 018299 Paper	Fibre Sheet Dept.	46974 Lbs.	Shipped	NVF	11/12/92	B/L-106976
050170 Zinc Chloride	Fibre Sheet Dept.	41680 Lbs.	Shipped	NVF	11/09/92	B/L-84055
.050-Thick Fibre 50x84	Fibre Sheet Dept.	1786 Lbs.	Transferred	De Kalb Plant	11/12/92	B-1480,B/L-85987
.045-Thick Fibre 50x84	Fibre Sheet Dept.	3500 Lbs.	Transferred	De Kalb Plant	10/26/92	B-1480,B/L-85987
.050-Thick Fibre 50x84	Fibre Sheet Dept.	9000 Lbs.	Transferred	De Kalb Plant	10/26/92	B-1480,B/L-85987
050170 Zinc Chloride	Fibre Sheet Tanks	54400 Lbs.	Shipped	ZACLON	11/20/92	B/L-86510
050170 Zinc Chloride	Fibre Sheet Tanks	40140 Lbs.	Shipped	ZACLON	11/23/92	B/L-86512
050170 Zinc Chloride	Fibre Sheet Tanks	43180 Lbs.	Shipped	ZACLON	11/24/92	B/L-86516
050170 Zinc Chloride	Fibre Sheet Tanks	39512 Lbs.	Shipped	ZACLON	12/03/92	B/L-86518
050170 Zinc Chloride	Fibre Sheet Tanks	35107 Lbs.	Shipped	ZACLON	12/03/92	B/L-86517

TABLE 2.1
HAZARDOUS RAW MATERIAL/PRODUCT DISPOSITION RECORD
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spaldite® Sheet Department				COMPLETED BY: D. Di Censo		
Name	Plant Usage/Source	Quantity	Final Method	Disposition/Location	Disposed Date Removed	Manifest No. (As Appropriate)
070220 Aqua Ammonia	S.S. Drum Dock	2870 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1458,B/L-85997
070050 Dimethylamine	S.S. Drum Dock	40 Lbs.	Used on-Site	S.S. Dept.	09/28/92	N/A
480190 Blue Epoxy Dispersion	S.S. Drum Dock	35 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1458,B/L-85994
070340 Boron Fluoride Mon0.	S.S. Drum Dock	73 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1458,B/L-85994
370020 Butyl Alcohol	S.S. Drum Dock	136 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1458,B/L-85994
070190 Caustic Soda	Varnish Dept.	114 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1458,B/L-85997
310380 DER331 Epoxy	Varnish Dept.	860 Lbs.	Transferred	DeKalb Plant	10/12/92	B-1460,B/L-85987
310320 DER511A80 epoxy	S.S. Drum Dock	1424 Lbs.	Transferred	Dow Chemical	11/04/92	B-1522, B/L-84045
070240 Ciba Eporal,HT976	S.S. Drum Dock	385 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1458,B/L-85997
310140 CR43555 Resin	S.S. Cooler	2000 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1458,B/L-85997
070000 Dicyandiamide	S.S. Drum Dock	165 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1458,B/L-85997
070650 Dicyclohexamine	Varnish Dept.	70 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1458,B/L-85994
070040 Dimethyl Formamide	S.S. Drum Dock	192 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1458,B/L-85994
480200 Intraplast Brown	S.S. Drum Dock	10 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1458, B/L-85994
480170 Kmc -35045 Dye	S.S. Drum Dock	30 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1458, B/L-85994

TABLE 2.1
HAZARDOUS RAW MATERIAL/PRODUCT DISPOSITION RECORD
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spaldite® Sheet Department				COMPLETED BY: D. Di Censo		
Name	Plant Usage/Source	Quantity	Final Method	Disposition/Location	Disposed Date Removed	Manifest No. (As Appropriate)
070520 Flame Retarder	S.S. Drum Dock	100 Lbs.	Shipped back to vendor	Elf Atochem	10/15/92	B-1485, ups-126355886
070130 Formaldehyde 37%	Tank#23	8917 Lbs.	Transferred	DeKalb Plant	10/12/92	B-1458, B/L-85994
370015 Glycol Ether EB	S.S. Drum Dock	410 Lbs.	Transferred	DeKalb Plant	10/12/92	B-1458, B/L-85994
310880 CP-4131	Tank#25	5980 Lbs.	Transferred	DeKalb Plant	10/29/92	B-1489, B/L-85994
070350 Graphite	S.S. Graphite	17 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1458, B/L-85994
070591 Gum Rosin	S.S. Drum Dock	2365 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1458, B/L-85994
070330 Hexamethylene Tetramine	S.S. Drum Dock	850 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1458, B/L-85997
070500 Lauric Acid	S.S. Drum Dock	150 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1458, B/L-85997
071310 Mold Wiz	Varnish Dept.	340 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1458, B/L-85994
071130 Ortho Cresol Phenol	S.S. Drum Dock	1885 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1458, B/L-85997
071141 Tamol	S.S. Storage Area	375 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1458, B/L-85997
480380 Titanium Dioxide	S.S. Storage Area	3650 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1436, B/L-85987
071051 Triethyl Phosphate	S.S. Drum Dock	2160 Lbs.	Transferred	DeKalb Plant	10/26/92	B-1436, B/L-85987
070230 1024 Cresylic Acid	Tank#26	1811 Gal.	Transferred	DeKalb Plant	11/12/92	B-1539
070070 Methanol	Front Tank Only	438 Gal.	Transferred	DeKalb Plant	11/12/92	B-1539

TABLE 2.1
HAZARDOUS RAW MATERIAL/PRODUCT DISPOSITION RECORD
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department

COMPLETED BY:

D. Di Censo

<i>Name</i>	<i>Plant Usage/Source</i>	<i>Quantity</i>	<i>Final Method</i>	<i>Disposition/Location</i>	<i>Disposed Date Removed</i>	<i>Manifest No. (As Appropriate)</i>
211330 .020 Cotton Linter Paper	S.S. A-Stage	18588 Lbs.	Transferred	DeKalb Plant	10/06/92	B-1468, B-85975
070170 Aniline Oil	Aniline Tank	6230 Lbs.	Transferred	DeKalb Plant	11/30/92	B-1554, B/L-86517
070140 Phenol	Tank#28	1100 Gal.	Transferred	Durez Chemicals	11/10/92	B-1538
211150 LC-19 Release Paper	S.S. A-Stage	1757 Lbs.	Transferred	DeKalb Plant	11/09/92	B-1525, B/L-84054
211110 Triacetex Film	S.S. A-Stage	1650 Lbs.	Transferred	DeKalb Plant	11/09/92	B-1525, B/L-84054
210060 Parch. Paper	S.S. A-Stage	4966 Lbs.	Transferred	DeKalb Plant	10/12/92	B-1481, B/L-85987
210880 .002 mil Poly	S.S. A-Stage	4381 Lbs.	Transferred	DeKalb Plant	10/12/92	B-1481, B/L-85987
585291 B-Stg 929	S.S. B-Stage	78 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1483, B/L-85984
5895211 B-Stg 952	S.S. B-Stage	47 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1483, B/L-85984
58991 B-Stg 991	S.S. B-Stage	107 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1483, B/L-85984
210720 MB-10 veg. Parch Paper	S.S. A-Stage	100 Lbs.	Transferred	DeKalb Plant	10/19/92	B-1480, B/L-85987
579038-T-90-38"	S.S. B-Stage	4088 Lbs.	Transferred	New Hamp.	10/14/92	B-1482, B/L-111850
Rhoplex TR-934	R&D in S.S. Dept.	950 Lbs.	Transferred	Rohn & Haas	10/28/92	B-1512
TCE (Trichloroethylene)	R&D in S.S. Dept.	5 Gal.	Transferred	Riverside Chemicals	10/16/92	B-1488
DAG-154	R&D in S.S. Dept.	5 Gal.	Transferred	Smyrna, Tenn.	09/24/92	B-1462

TABLE 2.1
HAZARDOUS RAW MATERIAL/PRODUCT DISPOSITION RECORD
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department				COMPLETED BY: D. Di Censo		
<i>Name</i>	<i>Plant Usage/Source</i>	<i>Quantity</i>	<i>Final Method</i>	<i>Disposition/Location</i>	<i>Disposed Date Removed</i>	<i>Manifest No. (As Appropriate)</i>
Mercury	R&D in S.S. Dept.	7 Lbs.	Transferred	NCCC	10/19/92	B-1491
211170 Sorg Paper	S.S. A-Stage	1561 Lbs.	Transferred	De Kalb Plant	09/09/92	B-1437
310800 Btl 830 Melamine Resin	S.S. Varnish Dept.	9200 Lbs.	Transferred	De Kalb Plant	09/09/92	B-1435
160115 7781- Glass Fabric	S.S. A-Stage	266 Lbs.	Transferred	De Kalb Plant	10/12/92	B-1479
160133 7628-Glass Fabric	S.S. A-Stage	58 Lbs.	Transferred	De Kalb Plant	10/12/92	B-1479
162117 68x74 Fabric	S.S. A-Stage	2285 Lbs.	Transferred	De Kalb Plant	10/19/92	B-1457
162790 46x20 Fabric	S.S. A-Stage	2713 Lbs.	Transferred	De Kalb Plant	09/29/92	B-1457
162800 46x20 D&B Fabric	S.S. A-Stage	90 Lbs.	Transferred	De Kalb Plant	10/19/92	B-1457
162920 76x28 Fabric	S.S. A-Stage	1029 Lbs.	Transferred	De Kalb Plant	10/26/92	B-1457
210190 .006 Yellow Buff	S.S. A-Stage	1563 Lbs.	Transferred	De Kalb Plant	10/19/92	B-1457
210810 0A84-90 Paper	S.S. A-Stage	8184 Lbs.	Transferred	De Kalb Plant	10/12/92	B-1457
160021 7628-1616-50" Glass Fabric	S.S. A-Stage	8270 Lbs.	Transferred	De Kalb Plant	09/14/92	B-1433
160023 7628-1616-38" Glass Fabric	S.S. A-Stage	1209 Lbs.	Transferred	De Kalb Plant	09/14/92	B-1433
58545 B-Stg.	B-Stage Room	1554 Lbs.	Transferred	De Kalb Plant	11/09/92	B-1533, B/L-84054
588081 B-Stg.	B-Stage Room	1962 Lbs.	Transferred	De Kalb Plant	11/09/92	B-1533, B/L-84054

TABLE 2.1
HAZARDOUS RAW MATERIAL/PRODUCT DISPOSITION RECORD
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

Notes:

NVF - National Vulcanized Fibre, Yorkland, DE
 De Kalb Plant - Spaulding Composites Company, De Kalb, IL
 Zaclon - Zaclon, Inc., Detroit, MI
 Betz - Betz Industrial, Philadelphia, PA
 Burrows Papers -
 Riverside Chemical - Riverside Chemical, North Tonawanda, NY
 Harcross Pigments -
 International Filler - International Filler, North Tonawanda, NY
 Elf Atochem -
 Durez Chemicals - Occidental Chemical Company, North Tonawanda, NY
 New Hamp. - Spaulding Composites Company, Rochester, NH
 Rohn & Haas -
 Smyrna, Tenn. - Spaulding Composites Company, Smyrna, TN
 NCCC - Niagara County Community College, Sanborn, NY

TABLE 2.2
HAZARDOUS WASTE MANIFEST LOG
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

1995

Manifest No.	Shipment Date	Profile Number	Waste Description	Destination	Quantity
NYB7009416	02/17/95	BL1306	PCB contaminated soil	CWM, Model City, NY	5,416 Kg
NYB7011738	03/07/95	BL1306	PCB contaminated soil	CWM, Model City, NY	5,135 Kg
NYB7104249	02/02/95	BL1313	PCB contaminated transformers	CWM, Model City, NY	8,346 Kg
NYB7104258	02/02/95	BL1313	PCB contaminated transformers	CWM, Model City, NY	14,039 Kg
IL6242942	01/13/95	BN5261	Polymer 1275 solution	CWM, Sauget, IL	220 Gals.

TABLE 2.2
HAZARDOUS WASTE MANIFEST LOG
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

1994

Manifest No.	Shipment Date	Profile Number	Waste Description	Destination	Quantity
NYB7079157	10/05/94	AB7480	Mineral spirits	CWM, Model City, NY	55 Gals.
NYB7079121	12/28/94	W22008	Waste aerosols	CWM, Model City, NY	2 Gals.
NYB7079121	12/28/94	BC0072	Spent batteries	CWM, Model City, NY	450 Lbs.
NYB7079121	12/28/94	BL1308	Metal contaminated ping pong balls	CWM, Model City, NY	1 Cu. Yard
NYB7079121	12/28/94	BL1309	Zinc fiber sludge	CWM, Model City, NY	5,200 Lbs.
IL6242938	12/29/94	BN4035	Waste paint-related materials	CWM, Saugat, IL	275 Gals.
NYB7083396	11/22/94	BL1306	PCB contaminated soil	CWM, Model City, NY	10,569 Kg
NYB7083297	11/18/94	BL1306	PCB contaminated soil	CWM, Model City, NY	10,034 Kg
NYB7083414	11/22/94	BL1306	PCB contaminated soil	CWM, Model City, NY	10,269 Kg
NYB7083441	11/22/94	BL1306	PCB contaminated soil	CWM, Model City, NY	7,893 Kg
NYB7083432	11/22/94	BL1306	PCB contaminated soil	CWM, Model City, NY	8,818 Kg
NYB7083423	11/22/94	BL1306	PCB contaminated soil	CWM, Model City, NY	10,024 Kg
NYB7083405	11/22/94	BL1306	PCB contaminated soil	CWM, Model City, NY	9,897 Kg
NYB7083279	11/18/94	BL1306	PCB contaminated soil	CWM, Model City, NY	9,018 Kg
NYB7083288	11/18/94	BL1306	PCB contaminated soil	CWM, Model City, NY	9,752 Kg
NYB7079103	10/06/94	BN6556	PCB mixture	CWM, Model City, NY	436 Kg
NYB7079112	10/13/94	BN6556	PCB mixture	CWM, Model City, NY	4,408 Kg
NYB7079112	10/13/94	W22008	Waste aerosols	CWM, Model City, NY	14 Gals.
NYB7079112	10/13/94	AB7477	PCB contaminated material	CWM, Model City, NY	545 Kg
NYB7084188	12/28/94	BL1307	PCB oil	CWM, Model City, NY	800 Kg
NYB7084188	12/28/94	BL1310	Spent carbon with PCBs	CWM, Model City, NY	1,200 Kg
NYB7084188	12/28/94	BL1311	PCB contaminated water	CWM, Model City, NY	5,400 Kg
NYB7079139	12/28/94	BL1309	Zinc fiber sludge	CWM, Model City, NY	400 Lbs.
NYB7032294	08/29/94	BN3776	Phenol solutions	CWM, Model City, NY	3,775 Gals.
NYB7032303	08/29/94	BN3776	Phenol solutions	CWM, Model City, NY	4,367 Gals.

TABLE 2.2
HAZARDOUS WASTE MANIFEST LOG
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

1993

Manifest No.	Shipment Date	Profile Number	Waste Description	Destination	Quantity
NYB6389505	11/29/93	BB0056	PCB contaminated sediments	CWM, Model City, NY	8,437 Kg
NYB6367869	09/09/93	BB0056	PCB contaminated sediments	CWM, Model City, NY	10,959 Kg
NYC208726-7	01/05/93	Mineral Spirits	Mineral spirits	Safety-Kleen, Lackawanna, NY	366 Gals.
NYB4152195	01/04/93	H35626	Vulcanized fiber sludge	CWM, Model City, NY	27,360 Lbs.
NYB4152231	01/08/93	H35626	Vulcanized fiber sludge	CWM, Model City, NY	20,680 Lbs.
NYB4152204	02/02/93	H35626	Vulcanized fiber sludge	CWM, Model City, NY	10,640 Lbs.
NYB4152222	02/03/93	H35626	Vulcanized fiber sludge	CWM, Model City, NY	24,040 Lbs.
NYB6366303	08/25/93	AF9960	Waste sodium hydroxide	CWM, Model City, NY	2,691 Gals.
NYB4730886	10/29/93	W21815	Lab pack	CWM, Model City, NY	19 Gals.
NYB4730868	10/29/93	W21815	Lab pack	CWM, Model City, NY	72 Gals.
NYB4730868	10/29/93	W22008	Mercury	CWM, Model City, NY	5 Gals.
AR577637	01/21/93	L6931-13 (224809)	Lab pack	Ensco, Inc., Eldorado, AR	16 Lbs.
NYB4824918	05/05/93	SPAF18001	Cresylic acid	Allworth, Inc., Mt. Pleasant, TN	7,500 Lbs.
CWMA558196	10/29/93	BN6576	PCB contaminated material	CWM, Emelle, AL	15,250 Lbs.
NYB4730859	10/29/93	BN6577	Sodium peroxide and potassium peroxide	CWM, Model City, NY	1,595 Gals.
NYB4730859	10/29/93	BN6578	Miscellaneous solvents	CWM, Model City, NY	495 Gals.
NYB4730859	10/29/93	BN6579	Methanol	CWM, Model City, NY	385 Gals.
NYB4730859	10/29/93	AB7477	PCB contaminated material	CWM, Model City, NY	450 Kg
CWMA605170	10/28/93	BN6576	PCB contaminated material	CWM, Emelle, AL	18,000 Kg
NYB4186143	02/23/93	L7185LES-79	PCB debris	Aptus, Coffeyville, KA	130 Kg
NYB6390396	12/03/93	AB7477	PCB contaminated asphalt cover	CWM, Model City, NY	6,604 Kg
NYB6390405	12/03/93	AB7477	PCB contaminated asphalt cover	CWM, Model City, NY	4,509 Kg
MAH317902	07/13/93	L7729-LES-01-05	Cresylic acid rinsate	Laidlaw, Lawrence, MA	200 Lbs.
MAH317902	07/13/93	L7729-LES-07	Methanol and isopropanol	Laidlaw, Lawrence, MA	500 Lbs.
MAH317902	07/13/93	L7729-LES-06	Oil debris	Laidlaw, Lawrence, MA	200 Lbs.

TABLE 2.2
HAZARDOUS WASTE MANIFEST LOG
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

1993

<i>Manifest No.</i>	<i>Shipment Date</i>	<i>Profile Number</i>	<i>Waste Description</i>	<i>Destination</i>	<i>Quantity</i>
MAA100732	01/07/93	L6967-38	Lab pack	Laidlaw, Lawrence, MA	20 Lbs.
MAH306123	02/15/93	L7185-14-21	Formaldehyde solution	Laidlaw, Lawrence, MA	3,200 Lbs.
MAH306123	02/15/93	L7185-22-25	Waste solvent	Laidlaw, Lawrence, MA	1,600 Lbs.
MAH306123	02/15/93	L7185-51	Debris with sodium hydroxide	Laidlaw, Lawrence, MA	400 Lbs.
MAH306123	02/15/93	L7185-52,54,55,56, 58,59,61,62,63,64	Sodium hydroxide solution	Laidlaw, Lawrence, MA	4,000 Lbs.
MAH306124	02/15/93	L7185-53,57,60,65, 66,67,68,69	Sodium hydroxide solution	Laidlaw, Lawrence, MA	3,200 Lbs.
MAH306124	02/15/93	L7185-70,71,76,77	Waste methanol and toluene	Laidlaw, Lawrence, MA	1,600 Lbs.
MAH306124	02/15/93	L7185-72	Phenol and methanol	Laidlaw, Lawrence, MA	400 Lbs.
MAH306124	02/15/93	L7185-73,74	Phenol solutions	Laidlaw, Lawrence, MA	800 Lbs.
MAH306125	02/15/93	L7185-01,06,08	Cresylic acid	Laidlaw, Lawrence, MA	1,200 Lbs.
MAH306125	02/15/93	L7185-43,44	Phenol solutions	Laidlaw, Lawrence, MA	800 Lbs.
MAH306125	02/15/93	L7185-26-42,45-50	Phenol solutions	Laidlaw, Lawrence, MA	9,200 Lbs.
MAH306125	02/15/93	L7185-09-13	Aniline solution	Laidlaw, Lawrence, MA	2,000 Lbs.
MAH301132	01/27/93	Y1	Waste toluene and methanol	Laidlaw, Lawrence, MA	1,691 Gals.
MAH321049	07/13/93	L7730-LES-13,14,16-19	Cresylic acid	Laidlaw, Lawrence, MA	2,400 Lbs.
MAH321049	07/13/93	L7730-LES-09-12	Phenol solutions	Laidlaw, Lawrence, MA	1,600 Lbs.
MAH321049	07/13/93	L7730-LES-25-29	Waste methanol solution	Laidlaw, Lawrence, MA	2,000 Lbs.
MAH321049	07/13/93	L7730-LES-32	Waste acetone solution	Laidlaw, Lawrence, MA	400 Lbs.
MAH321051	07/13/93	L7730-LES-37	Oil waste	Laidlaw, Lawrence, MA	400 Lbs.
MAH321048	07/13/93	L7730-LES-22,23,24,30	Methanol and toluene	Laidlaw, Lawrence, MA	1,600 Lbs.
MAH321048	07/13/93	L7730-LES-31	Sodium hydroxide solution	Laidlaw, Lawrence, MA	400 Lbs.
MAH321048	07/13/93	L7730-LES-33	Phenol and methanol	Laidlaw, Lawrence, MA	400 Lbs.
MAH321048	07/13/93	L7730-LES-01-08	Phenol solutions	Laidlaw, Lawrence, MA	3,200 Lbs.

TABLE 2.2
HAZARDOUS WASTE MANIFEST LOG
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

1993

<i>Manifest No.</i>	<i>Shipment Date</i>	<i>Profile Number</i>	<i>Waste description</i>	<i>Destination</i>	<i>Quantity</i>
MAH321050	07/13/93	L7730-LES-20,21	Cresylic acid solution	Laidlaw, Lawrence, MA	800 Lbs.
MAH321050	07/13/93	L7730-LES-40-49	Phenol solution	Laidlaw, Lawrence, MA	4,000 Lbs.
MAH321050	07/13/93	L7730-LES-15	Non-regulated material	Laidlaw, Lawrence, MA	400 Lbs.
MAH321050	07/13/93	L7730-LES-38,39	Oil	Laidlaw, Lawrence, MA	800 Lbs.
MAH306126	02/15/93	L7185-78	Non-regulated material	Laidlaw, Lawrence, MA	400 Lbs.
MAH543486	08/04/93	T2	Waste methanol solution	Laidlaw, Lawrence, MA	2,100 Gals.
MAH319644	07/13/93	L7730-LES-34-36	Waste combustible liquid	Laidlaw, Lawrence, MA	1,200 Lbs.

TABLE 2.2
HAZARDOUS WASTE MANIFEST LOG
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

1992

Manifest No.	Shipment Date	Profile Number	Waste description	Destination	Quantity
MAA103849	12/15/92	L6967-LES-41	Non-regulated material	Laidlaw, Lawrence, MA	400 Lbs.
MAA103849	12/15/92	L6967-LES-43	Oil and PPE	Laidlaw, Lawrence, MA	250 Lbs.
MAA103849	12/15/92	L6967-LES-27	Non-regulated material	Laidlaw, Lawrence, MA	400 Lbs.
MAA103848	12/15/92	L6967-LES-18	Oil waste	Laidlaw, Lawrence, MA	500 Lbs.
MAA103848	12/15/92	L6967-LES-19	Oil waste	Laidlaw, Lawrence, MA	400 Lbs.
MAA103848	12/15/92	L6967-LES-20	Oil waste	Laidlaw, Lawrence, MA	400 Lbs.
MAA103848	12/15/92	L6967-LES-21	Non-regulated material	Laidlaw, Lawrence, MA	1,200 Lbs.
MAA103847	12/15/92	L6967-39	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAA103847	12/15/92	W	Oil waste	Laidlaw, Lawrence, MA	400 Lbs.
MAA103847	12/15/92	X	Non-regulated material	Laidlaw, Lawrence, MA	400 Lbs.
MAG255773	12/08/92	L6931-LES-19	Oil waste	Laidlaw, Lawrence, MA	400 Lbs.
MAA105808	12/15/92	L6967-03	Lab pack	Laidlaw, Lawrence, MA	20 Lbs.
MAA105808	12/15/92	L6967-32	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAA105808	12/15/92	L6967-34	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAA105808	12/15/92	L6967-35	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAA105810	12/15/92	L6967-40	Lab pack	Laidlaw, Lawrence, MA	100 Lbs.
MAA105810	12/15/92	L6967-LES-10,11	Lab pack	Laidlaw, Lawrence, MA	800 Lbs.
MAA105810	12/15/92	L6967-42	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAA105810	12/15/92	L6967-01	Lab pack	Laidlaw, Lawrence, MA	20 Lbs.
AR591067	12/23/92	L6967-02	Lab pack	Ensco, Inc., Eldorado, AR	101 Lbs.
AR591067	12/23/92	L6967-04	Lab pack	Ensco, Inc., Eldorado, AR	101 Lbs.

TABLE 2.2
HAZARDOUS WASTE MANIFEST LOG
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

1992

Manifest No.	Shipment Date	Profile Number	Waste Description	Destination	Quantity
AR591066	12/23/92	L6931-01	Lab pack	Ensko, Inc., ElDorado, AR	8 Lbs.
AR591066	12/23/92	L6931-04	Lab pack	Ensko, Inc., ElDorado, AR	8 Lbs.
AR591066	12/23/92	L6931-12	Lab pack	Ensko, Inc., ElDorado, AR	10 Lbs.
AR591066	12/23/92	L6931-14	Lab pack	Ensko, Inc., ElDorado, AR	10 Lbs.
AR591066	12/23/92	L6931-20-23	Lab pack	Ensko, Inc., ElDorado, AR	56 Lbs.
MAG254084	12/08/92	L6931-02	Lab pack	Laidlaw, Lawrence, MA	20 Lbs.
MAG254084	12/08/92	L6931-05	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAG254084	12/08/92	L6931-06	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAG254084	12/08/92	L6931-07	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAA105811	12/15/92	L6967-LES-14	Waste tetrachloroethylene (PCE)	Laidlaw, Lawrence, MA	40 Lbs.
MAA105811	12/15/92	L6967-LES-15-16	Phenol solution	Laidlaw, Lawrence, MA	890 Lbs.
MAA105811	12/15/92	L6967-33	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAA105811	12/15/92	L6967-37	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAG254086	12/08/92	L6931-17	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAG254086	12/08/92	L6931-LES-09	Non-regulated material	Laidlaw, Lawrence, MA	400 Lbs.
MAG254086	12/08/92	L6931-LES-10	Non-regulated material	Laidlaw, Lawrence, MA	1,600 Lbs.
MAG254086	12/08/92	L6931-LES-18	Caustic alkali liquid	Laidlaw, Lawrence, MA	200 Lbs.
MAA103845	12/15/92	F1	Waste corrosive liquid	Laidlaw, Lawrence, MA	400 Lbs.
MAA103845	12/15/92	G1	Formic acid solution	Laidlaw, Lawrence, MA	40 Lbs.
MAA103845	12/15/92	H1	Sodium hydroxide solution	Laidlaw, Lawrence, MA	20 Lbs.
MAA103845	12/15/92	I1	Sodium hydroxide solid mix	Laidlaw, Lawrence, MA	1,200 Lbs.
MAA103846	12/15/92	K1	Waste corrosive liquid	Laidlaw, Lawrence, MA	400 Lbs.
MAA103846	12/15/92	L1	Lab pack	Laidlaw, Lawrence, MA	20 Lbs.
MAA103846	12/15/92	O1	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAA105809	12/15/92	S1	Lab pack	Laidlaw, Lawrence, MA	100 Lbs.

TABLE 2.2
HAZARDOUS WASTE MANIFEST LOG
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

1992

<i>Manifest No.</i>	<i>Shipment Date</i>	<i>Profile Number</i>	<i>Waste Description</i>	<i>Destination</i>	<i>Quantity</i>
MAA105809	12/15/92	T	Contaminated solids	Laidlaw, Lawrence, MA	2,400 Lbs.
MAA105809	12/15/92	U	Waste solvents, oil	Laidlaw, Lawrence, MA	800 Lbs.
MAG254085	12/08/92	L6931-08	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAG254085	12/08/92	L6931-11	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAG254085	12/08/92	L6931-15	Lab pack	Laidlaw, Lawrence, MA	200 Lbs.
MAG254085	12/08/92	L6931-16	Lab pack	Laidlaw, Lawrence, MA	20 Lbs.
MAG 591893	12/03/92	L6931-03	Lab pack	Laidlaw, Lawrence, MA	20 Lbs.
MAG591892	12/03/92	L6967-29	Lab pack	Laidlaw, Lawrence, MA	20 Lbs.
NYB1026612	11/20/92	H35626	Cadmium and lead	CWM, Model City, NY	19,740 Lbs.
NYB1026657	11/24/92	H35626	Cadmium and lead	CWM, Model City, NY	17,860 Lbs.
NYB1026783	12/07/92	H35626	Cadmium and lead	CWM, Model City, NY	20,440 Lbs.
NYB4152168	12/10/92	H35626	Cadmium and lead	CWM, Model City, NY	20,420 Lbs.
NYB4152177	12/29/92	H35626	Cadmium and lead	CWM, Model City, NY	28,900 Lbs.
NYB1026774	12/01/92	H35626	Cadmium and lead	CWM, Model City, NY	24,100 Lbs.
NYB4152213	12/22/92	H35626	Cadmium and lead	CWM, Model City, NY	36,980 Lbs.
MAA103844	12/15/92	L6967-LES-17	Mineral spirits	Laidlaw, Lawrence, MA	400 Lbs.
NYC188247-3	11/12/92	Mineral Spirits	Mineral spirits	Safety-Kleen, Lackawanna, NY	1,118 Lbs.
NYC202214-2	12/10/92	Mineral Spirits	Mineral spirits	Safety-Kleen, Lackawanna, NY	172 Lbs.

Notes:

PCB - Polychlorinated biphenyls

TABLE 3.1
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Paper Mill		COMPLETED BY Robert L. Fisher					
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
-	Spherical/Cylindrical Steel Digesters (1,400 to 1,500 CF Capacity)	Rag Cuttings, Water, NaOH	0	-	-	Y	R.L.F. 8/92
-	Digester Bins	Rag Cuttings, Water, NaOH	0	-	-	Y	R.L.F. 8/92
-	Hollander-Type Washers	Rags, Water, NaOH	0	-	-	Y	R.L.F. 8/92
-	Hollander-Type Beaters	Rag Cuttings, Water, NaOH, Dyes, Pigments	0	-	-	Y	R.L.F. 8/92
-	Jordan Refiner	Rag Pulp	0	-	-	Y	R.L.F. 8/92
-	Disc Refiners	Rag Pulp	0	-	-	Y	R.L.F. 8/92
-	Centrifugal Cleaners	Rag Pulp	0	-	-	Y	R.L.F. 8/92
-	Vibrating Screens	Rag Pulp	-	-	-	Y	R.L.F. 8/92
-	Fourdrinier Paper Machine	Paper Stock	-	-	-	Y	R.L.F. 8/92

TABLE 3.1
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Paper Mill			COMPLETED BY Bob Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
-	1,000 Gal. Tank (1st Floor)	Kerosene				Y	R.L.F. 8/92
-	Basement Pumps	Water, CO2	-	-	-	Y	R.L.F. 8/92
-	250 Gallon Steel Tank (1st Floor)	Diesel Fuel				Y	R.L.F. 8/92

TABLE 3.1
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Paper Mill			COMPLETED BY Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
6000	P.M. Bale Breaker Old	Hydraulic Oil	50 Gal.	Drained SOP #4	Electrical Lockout	Y	R.L.F. 01/04/93
6010	P.M. Rag Shed Dust Collector	Dust	--	SOP #4	Electrical Lockout	Y	R.L.F. 01/04/93
6013	P.M. Incline Conveyor	Dust	--	SOP #4	Electrical Lockout	Y	R.L.F. 01/04/93
6050	P.M. Pierret Rag Bale Breaker	Hydraulic Oil	50 Gal.	Drain Hydraulic Cleanup Floor	Electrical Lockout	Y	R.L.F. 01/04/93
6070	P.M. Pierret Rag Cutter No.1	Hydraulic Oil	50 Gal.	Drain Hydraulic	Electrical Lockout	Y	R.L.F. 01/04/93
6080	P.M. Pierret Rag Cutter No. 2	Hydraulic Oil	50 Gal.	Drain Hydraulic	Electrical Lockout	Y	R.L.F. 01/04/93
#1 Paper Machine	Paper Machine	N/A	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 01/04/93
6091 Elevator	Elevator	N/A	N/A	In Use 1/4/93	In Use 1/4/93	Y	R.L.F. 01/04/93
--	Old Rag Cutter	N/A	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 01/04/93

TABLE 3.1
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Paper Mill		COMPLETED BY Robert L. Fisher					
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
--	Washer Beaters	N/A	N/A	SOP #4	N/A	Y	R.L.F. 01/04/93
Area 5th Floor	N/A	N/A	Some Debris, Light Dust on Floor	N/A	Electrical Lockout	N	R.L.F. 10/30/92
4th Floor	Rag Conveyor From Rag Shed	N/A	Some Debris	N/A	Electrical Lockout	N	R.L.F. 10/30/92
3rd Floor	N/A	N/A	Some Debris, Grease, Boxes	N/A	Electrical Lockout	N	R.L.F. 10/30/92
2-1/2 Floor	Caustic Tanks	Caustic	General Housekeeping	SOP -#3	Electrical Lockout	N	R.L.F. 10/30/92
2nd Floor	Miscellaneous Machine Parts	Tinshop	Crib, Burnable Items to be Removed	N/A	N/A	N	R.L.F. 10/30/92
1st Floor	Various Equipment	Various Equip.	Remove Kerosene and Diesel Tanks	N/A	N/A	N	R.L.F. 10/30/92

TABLE 3.1
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Paper Mill - Rag Shed		COMPLETED BY Robert L. Fisher					
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
-	Conveyors/Cutters	Rags	-	SOP #4		Y	R.L.F. 10/92
-	Transformer (Laboratory)					Y	R.L.F. 10/92
-	Obsolete Equipment and Spare Parts	-	-	SOP #4		Y	R.L.F. 10/92

TABLE 3.1
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT:		COMPLETED BY					
	Paper Mill - Tank Farm	Robert L. Fisher					
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
Tank 48	15,000 Gallon Steel Underground Storage Tank	Sodium Hydroxide	0	SOP #3	SOP #3	Y	R.L.F. 10/92
-	Aboveground Storage Tank	CO ₂					R.L.F. 10/92

Note:

(1) Refers to Standard Operating Procedure (SOP) number specified in the Plant Decommissioning Work Plan.

N/A Not Applicable

TABLE 3.2
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Paper Mill		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
-	Spherical/Cylindrical Steel Digesters (1,400 to 1,500 CF Capacity)	Rag Cuttings, Water, NaOH	Y	Y		R.L.F. 11/92
-	Digester Bins	Rag Cuttings, Water, NaOH	Y	Y		R.L.F. 11/92
-	Hollander-Type Washers	Rags, Water, NaOH	Y	Y		R.L.F. 11/92
-	Hollander-Type Beaters	Rag Cuttings, Water, NaOH, Dyes, Pigments	Y	Y		R.L.F. 11/92
-	Jordan Refiner	Rag Pulp	Y	Y		R.L.F. 11/92
-	Disc Refiners	Rag Pulp	Y	Y		R.L.F. 11/92
-	Centrifugal Cleaners	Rag Pulp	Y	Y		R.L.F. 11/92
-	Vibrating Screens	Rag Pulp	Y	Y		R.L.F. 11/92
-	Fourdrinier Paper Machine	Paper Stock	Y	Y		R.L.F. 11/92

TABLE 3.2
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Paper Mill		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
-	1,000 Gal. Tank (1st Floor)	Kerosene	Y		Still in use	R.L.F. 11/92
-	Basement Pumps	Water, CO2	Y	Y		R.L.F. 11/92
-	250 Gallon Steel Tank (1st Floor)	Diesel Fuel	Y		Still in use	R.L.F. 11/92
6000	P.M. Bale Breaker Old	Hydraulic Oil	Y	Y	Hydraulic oil drained	R.L.F. 1/30/93
6010	P.M. Rag Shed Dust Collector	dust	Y	Y		R.L.F. 1/30/93
6013	P.M. Incline Conveyor	dust	Y	Y		R.L.F. 1/30/93
6050	P.M. Pierret Rag Bale Breaker	Hydraulic Oil	Y	Y	Hydraulic oil drained, floor cleaned	R.L.F. 1/30/93
6070	P.M. Pierret Rag Cutter No.1	Hydraulic Oil	Y	Y	Hydraulic oil drained	R.L.F. 1/30/93
6080	P.M. Pierret Rag Cutter No. 2	Hydraulic Oil	Y	Y	Hydraulic oil drained	R.L.F. 1/30/93

TABLE 3.2
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Paper Mill		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
#1 Paper Machine	Paper Machine	N/A	Y	Y		R.L.F. 1/30/93
6091 Elevator	Elevator	N/A	Y	Y	Isolation procedures include electrical lockout	R.L.F. 1/30/93
--	Old Rag Cutter	N/A	Y	Y		R.L.F. 1/30/93
--	Washer Beaters	N/A	Y	Y		R.L.F. 1/30/93
5th Floor	N/A	N/A	Y	Y	Isolation procedures include barricading unsafe areas to deny access	R.L.F. 12/7/92
4th Floor	Rag Conveyor from Rag Shed	N/A	Y	Y		R.L.F. 12/7/92
3rd Floor	N/A	N/A	Y	Y	Isolation procedures include barricading unsafe areas to deny access	R.L.F. 12/7/92
2-1/2 Floor	Caustic Tanks	Caustic	Y	Y		R.L.F. 12/7/92
2nd Floor	Miscellaneous Machine Parts	Tinshop Parts	Y	Y	Isolation procedures include barricading unsafe areas to deny access	R.L.F. 12/7/92
1st Floor	Various Equipment	Various Equipment	Y	Y	Isolation procedures include barricading unsafe areas to deny access	R.L.F. 1/30/93

TABLE 3.2
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Paper Mill - Rag Shed			COMPLETED BY: Robert L. Fisher			
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
-	Conveyors/Cutters	Rags	Y	Y		R.L.F. 12/92
-	Transformer (Laboratory)	-	Y	N/A	Non-PCB transformer disposed of as scrap	R.L.F. 11/93
-	Obsolete Equipment and Spare Parts	-	Y	Y		R.L.F. 12/92

TABLE 3.2
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Paper Mill - Tank Farm		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
Tank 48	15,000 Gallon Steel Underground Storage Tank	Sodium Hydroxide	Y	Y		R.L.F. 4/93
	Aboveground Storage Tank (leased tank)	CO2			Removed by owner	11/92

TABLE 3.3
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Sheet Department Making and Drying				COMPLETED BY: Robert L. Fisher			
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
SCC-5010 #1	Long, Continuous Fibre Machine (37 wooden tanks; 3000 gal.)	ZnCL2	(None)	SOP#2	Electrical Lockout	Y	R.L.F. 12/7/92
SCC-5020 #2	Long, Continuous Fibre Machine (43 concrete tanks; 3000 gal.)	ZnCL2	(None)	SOP#2	Electrical Lockout	Y	R.L.F. 12/7/92
#1	Armite Machine (12 wooden tanks; 3000 gal.)	ZnCL2	(None)	SOP#2	Electrical Lockout	Y	R.L.F. 12/7/92
SCC-5030 #2	Armite Machine (21 wooden tanks; 3000 gal.)	ZnCL2	(None)	SOP#2	Electrical Lockout	Y	R.L.F. 12/7/92
SCC-5040	Heavy Fibre Machine	ZnCL2	(None)	SOP#2	Electrical Lockout	Y	R.L.F. 12/7/92
SCC-5070	140 Wooden or Concrete Leach Tanks	ZnCL2	(None)	SOP#2	N/A	Y	R.L.F. 12/7/92
-	3-Drum Dryers #2-SC5120, #3-SC5130, #4-SC5140	N/A	(None)	General Housekeeping	Electrical Lockout	Y	R.L.F. 12/7/92
SCC-5050	Windjammer	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 12/7/92

TABLE 3.3
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Sheet Department		COMPLETED BY: Robert L. Fisher					
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
(Fab) Area Fibre Sheet	Fibre Fab Dept.	Equipment	N/A	N/A	Electrical Lockout	Y	R.L.F. 12/7/92
Acid House	Acid House Room	N/A	N/A	SOP#2	Electrical Lockout	Y	R.L.F. 12/7/92
--	Fibre Fab Dept. Packing Area - Corrugation Machines	N/A	Hydraulic Oil #1	N/A	Electrical Lockout	Y	R.L.F. 12/7/92

Note:

(1) Refers to Standard Operating Procedure (SOP) number specified in the Plant Decommissioning Work Plan.

N/A - Not Applicable

TABLE 3.4
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Tube Dept. COMPLETED BY: Bob Fisher

<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
--	<u>Fibre Make:</u> Zn CL2 Holding Vats	Zn CL2	N/A	CNYIS SOP #2	N/A	Y	1/8/93 R.L.F.
Machine No.'s 1,3,4,5,6,7, 8,13,15	9 - Tube Making Machines	Zn CL2	N/A	CNYIS SOP #2 + 4	Electrical lockout	Y	1/8/93 R.L.F.
Machine No.'s 1,3,4,5,6,7, 8,13,15	9 -55 Gal. Holding Tanks	Zn CL2	N/A	CNYIS SOP #2	Electrical lockout	Y	1/8/93 R.L.F.
--	Mandrel wash tank with exhaust vent	Zn CL2	N/A	CNYIS SOP #2	Electrical lockout	Y	1/8/93 R.L.F.
--	Wheel Grinder	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	<u>Leaching:</u> 33 Strong Water Tanks	Zn CL2	N/A	CNYIS SOP #2	N/A	Y	1/8/93 R.L.F.
--	Strong Water Pit	Zn CL2	N/A	CNYIS SOP #2	N/A	Y	1/8/93 R.L.F.
--	36 Weak Water Tanks	Zn CL2	N/A	CNYIS SOP #2	N/A	Y	1/8/93 R.L.F.
--	Weak Water Pit	Zn CL2	N/A	CNYIS SOP #2	N/A	Y	1/8/93 R.L.F.

TABLE 3.4
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Tube Dept. COMPLETED BY: Bob Fisher

<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
--	18 Fresh Water Tanks	Zn CL2	N/A	CNYIS SOP #2	N/A	Y	1/8/93 R.L.F.
--	Fresh Water Pit	Zn CL2	N/A	CNYIS SOP #2	N/A	Y	1/8/93 R.L.F.
--	3 - Overhead Cranes	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	<u>Drying:</u> Champhor Machine + Belt Grinder	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
Oven No.'s 2,3,4, 20 + Can	5 - Drying Ovens	Fibre Tubing	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	<u>Rolling:</u> Inliner	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	Band Straper	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	2-Tube Puller/Pusher	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	<u>Shipping:</u> Strip Slitter	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.

TABLE 3.4
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Tube Dept.

COMPLETED BY: Bob Fisher

<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
--	Tysamen Saw	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	Carton/Tube Band Straper	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
Machine No.'s 1 -10	<u>Rolling:</u> 10- Tube Rolling Machines	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	Tube Pusher	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	<u>Buffing & Grinding:</u> Tube Polishing Machine	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	Tube Roughing Machine	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	Dust Collector	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	2-Table Saws With Dust Collector	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	1-Severe All Saw 1-Saw Blade Sharpener	N/A	N/A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.

TABLE 3.4
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Tube Dept. COMPLETED BY: Bob Fisher

<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
Machine No.'s 01,02	2-Centerless Grinders with Grinding Collection System	N / A	1000 gal. Non-Flammable Econ 4 Oil	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	2- Hard Wheel Grinders	N / A	N / A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
--	Tube Tumbler	N / A	N / A	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.
Tank No.'s 1 & 2	2 - Tube Dip Tanks and Hoist	Mineral Spirits, Econ 4 Grinding Oil, Tube Grindings	400 Gal. Mineral Spirits, Oil	SOP #4	Electrical lockout	Y	1/8/93 R.L.F.

Note:

(1) Refers to Standard Operating Procedure (SOP) number specified in the Plant Decommissioning Work Plan.

N / A - Not applicable

CNYIS - Central New York Industrial Services

TABLE 3.5
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Sheet Dept. Making and Drying				COMPLETED BY: Robert L. Fisher		
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Properly Labeled (Y/N)</i>	<i>Isolation Procedures Taken (Y/N)</i>	<i>Notes</i>	<i>Inspectors Initials and Dates</i>
SCC-5010 #1	Long, Continuous Fibre Machine (37 wooden tanks; 3000 Gal.)	ZnCL2	Y	Y		R.L.F. 12/15/92
SCC-5020 #2	Long, Continuous Fibre Machine (43 concrete tanks; 3000 Gal.)	ZnCL2	Y	Y		R.L.F. 12/15/92
#1	Armite machine (12 wooden tanks; 3000 Gal.)	ZnCL2	Y	Y		R.L.F. 12/15/92
SCC-5030 #2	Armite machine (21 wooden tanks; 3000 Gal.)	ZnCL2	Y	Y		R.L.F. 12/15/92
SCC-5040	Heavy Fibre Machine	ZnCL2	Y	N/A		R.L.F. 12/15/92
SCC-5070	140 Wooden or Concrete Leach Tanks	ZnCL2	Y	N/A		R.L.F. 12/15/92
--	3-Drum Dryers #2-SC5120, #3-SC5130, #4-SC5140	N/A	Y	Y		R.L.F. 12/15/92
SCC-5050	Windjammer	N/A	Y	Y		R.L.F. 12/15/92

TABLE 3.5
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: FIBRE SHEET DEPT.			COMPLETED BY: Robert L. Fisher			
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
(Fab) Area Fibre Sheet	Fibre Fab Department	Equipment	Y	Y	Hydraulic oil drained	R.L.F. 1/30/93
Acid House	Acid House Room	N/A	Y	Y		R.L.F. 1/30/93
-	Fibre Fab Department Packing Area-Corrugation Machines	N/A	Y	Y	Hydraulic oil drained	R.L.F. 1/30/93

Notes:
N/A - Not applicable

TABLE 3.6
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Tube Department		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
-	Fibre Make: Zn CL2 Holding Vats	Zn CL2	Y	Y		R.L.F. 1/30/93
Machine No.'s 1,3,4,5,6,7, 8,13,15	9 - Tube Making Machines	Zn CL2	Y	Y		R.L.F. 1/30/93
Machine No.'s 1,3,4,5,6,7, 8,13,15	9 - 55-Gallon Holding Tanks	Zn CL2	Y	Y		R.L.F. 1/30/93
-	Mandrel Wash Tank w/Exhaust Vent	Zn CL2	Y	Y		R.L.F. 1/30/93
-	Wheel Grinder	N/A	Y	Y		R.L.F. 1/30/93
-	Leaching: 33 Strong Water Tanks	Zn CL2	Y	Y		R.L.F. 1/30/93
-	Strong Water Pit	Zn CL2	Y	Y		R.L.F. 1/30/93
-	36 Weak Water Tanks	Zn CL2	Y	Y		R.L.F. 1/30/93
-	Weak Water Pit	Zn CL2	Y	Y		R.L.F. 1/30/93
-	18 Fresh Water Tanks	Zn CL2	Y	Y		R.L.F. 1/30/93

TABLE 3.6
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Tube Department		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
-	Fresh Water Pit	Zn CL2	Y	Y	Standing water in pit removed	R.L.F. 1/30/93
-	3 - Overhead Cranes	N/A	Y	Y		R.L.F. 1/30/93
-	<u>Drying:</u> Champhor Machine & Belt Grinder	N/A	Y	Y		R.L.F. 1/30/93
Oven No.'s 2,3, 4, 20 + Can	5 - Drying Ovens	Fibre Tubing	Y	Y	#4 Oven - Debris cleaned off top of unit	R.L.F. 1/30/93
-	<u>Rolling:</u> Inliner	N/A	Y	Y	Hydraulic oil drained and floor cleaned	R.L.F. 12/93
-	Band Straper	N/A	Y	Y		R.L.F. 1/30/93
-	2 - Tube Puller / Pusher	N/A	Y	Y	Hydraulic oil drained and floor cleaned	R.L.F. 12/93
-	<u>Shipping:</u> Strip Slitter	N/A	Y	Y		R.L.F. 1/30/93
-	Tysamen Saw	N/A	Y	Y	Hydraulic oil drained and floor cleaned	R.L.F. 10/93
-	Carton / Tube Band Straper	N/A	Y	Y		R.L.F. 1/30/93

TABLE 3.6
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Tube Department		COMPLETED BY: Robert L. Fisher				
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Properly Labeled (Y/N)</i>	<i>Isolation Procedures Taken (Y/N)</i>	<i>Notes</i>	<i>Inspectors Initials and Dates</i>
Machine No.'s 1 - 10	<u>Rolling:</u> 10 - Tube Rolling Machines	N/A	Y	Y	Oil on floor cleaned	R.L.F. 12/93
-	Tube Pusher	N/A	Y	Y	Hydraulic oil drained and floor cleaned	R.L.F. 10/93
-	<u>Buffing and Grinding:</u> Tube Polishing Machine	N/A	Y	Y		R.L.F. 1/30/93
-	Tube Roughing Machine	N/A	Y	Y		R.L.F. 1/30/93
-	Dust Collector	N/A	Y	Y		R.L.F. 1/30/93
-	2 - Table Saws with Dust Collector	N/A	Y	Y		R.L.F. 1/30/93
-	1 - Severe All Saw 1 - Saw Blade Sharpener	N/A	Y	Y		R.L.F. 1/30/93
Machine No.'s 01, 02	2 - Centerless Grinders with Grinding Collection System	N/A	Y	Y		R.L.F. 1/30/93
	2 - Hard Wheel Grinders	N/A	Y	Y		R.L.F. 11/93
	Tube Tumbler	N/A	Y	Y		R.L.F. 1/30/93

TABLE 3.6
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Fibre Tube Department		COMPLETED BY: Robert L. Fisher				
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Properly Labeled (Y/N)</i>	<i>Isolation Procedures Taken (Y/N)</i>	<i>Notes</i>	<i>Inspectors Initials and Dates</i>
Tank No.'s 1 and 2	2 - Tube Dip Tanks and Hoist	Mineral Spirits, Grinding Oil, Tube Grindings	Y	Y		R.L.F. 1/30/93

Notes:
N/A - Not applicable

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department			COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
4202 SCC-4320	#16 Press Main Floor	N / A	N / A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7500	#6 Press Main Floor	N / A	N / A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7400	#4 Press Main Floor	N / A	N / A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7630	Watkins Saw Crane and Vacuum Lift System, Units 1,2	N / A	N / A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7640	Watkins Saw Dust Collection System	N / A	N / A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7600	Watkins Saw	N / A	N / A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7700	Trim Line	N / A	N / A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7650	Watkins Saw Sheet Cleaner	N / A	N / A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7640	Watkins Saw Dust Collection System Main Console	N / A	N / A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department		COMPLETED BY: Robert L. Fisher					
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
SCC-7815	Dust Transfer System	N/A	N/A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7810	Dust Collector	N/A	N/A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-None	Cooler (Walk-in Unit)	N/A	N/A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7081	New Varnish Oven	N/A	N/A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-7080	Old Varnish(new PTA oven)	N/A	N/A	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-None	Condensing unit by oven	N/A	Clean Dust	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-None	S.S. Treaters Hydraulic system	N/A	Clean Dust	General Cleaning	Electrical Lockout	Y	R.L.F. 9/92
SCC-None	Old Press Condensate Tank by Ladies Room	N/A	N/A	N/A	N/A	Y	R.L.F. 9/92
SCC-None	(3) Treater Presses	N/A	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department			COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
SCC-7561	(2) Lifts by #6 Press	N/A	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 9/92
SCC-None	New Stacker Crane in B-Storage Room	N/A	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 9/92
SCC-7770	Fab Area Sander	N/A	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 9/92
SCC-7760	Schelling Saw #1	Hydraulic Oil	N/A	N/A	Electrical Lockout Hydraulic oil drained	Y	R.L.F. 9/92
SCC-7560	Crane for #7561 lift	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 9/92
SCC-7377	#16-Press room crane	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 9/92
SCC-None	Cady 2-Ton by #6 Press	N/A	N/A	N/A	N/A	Y	R.L.F. 9/92
SCC-7760	Schelling Saw #2	Hydraulic Oil	N/A	N/A	Electrical Lockout Hydraulic oil drained	Y	R.L.F. 9/92
SCC-7280	B-Storage Room New Stacker Crane	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spaldite® Sheet Department		COMPLETED BY: Robert L. Fisher					
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
SCC-7250	#1 - B-Storage Room Elevator	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 9/92
SCC-7260	#2 - B-Storage Room Elevator	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 9/92
SCC-7150	#5 - Treater	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 9/92
SCC-7110	#1 Egan Horizontal Treater	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 9/92
SCC-7120	#2 Egan Horizontal Treater	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 9/92
SCC-7130	#3 Egan Horizontal Treater	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 9/92
SCC-7140	#4 Egan Horizontal Treater	N/A	N/A	N/A	Electrical Lockout	Y	R.L.F. 9/92
--	Caustic Cleaning Area	Caustic Water	600 Gal.	N/A	Electrical Lockout	Y	R.L.F. 9/92
M-29	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department		COMPLETED BY: Robert L. Fisher					
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
M-30	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-31	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-32	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-33	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-34	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-35	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-36	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-37	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-38	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department

COMPLETED BY: Robert L. Fisher

<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
M-39	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-40	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-41	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-42	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
M-43	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Melamine Mix Tank	250 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #1	Resin Tank Capacity-1000 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #2	Resin Tank Capacity-2221 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #3	Resin Tank Capacity-1000 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department		COMPLETED BY: Robert L. Fisher					
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
Tank #4	Resin Tank Capacity-2221 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #5	Resin Tank Capacity-1000 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #6	Resin Tank Capacity-2221 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #7	Resin Tank Capacity-1000 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #8	Resin Tank Capacity-2221 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #9	Resin Tank Capacity-1000 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #10	Resin Tank Capacity-1000 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #11	Resin Tank Capacity-2221 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #12	Resin Tank Capacity-2221 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department				COMPLETED BY: Robert L. Fisher			
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
Tank #13	Resin Tank Capacity-1200 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #14	Resin Tank Capacity-1200 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Tank #15	Resin Tank Capacity-1200 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 11/92
Mixing Tank Adjacent to Tank #15	700-Gal. Tank	-	-	SOP #3	SOP #3	Y	R.L.F. 11/92
Blend & Mix Tank	Resin Tank Capacity-1000 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Epoxy Resin Mix Tank	Mix Tank Capacity-1000 Gal.	Epoxy Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Black Mix Tank	Mix Tank Capacity-1000 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Black Resin Blend Tank	Blend Tank Capacity-400 Gal.	Resin	0	SOP#1	SOP#1	Y	R.L.F. 11/92
Nat. Resin Blend Tank	Nat. Resin Blend Tank Capacity 400 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spaldite® Sheet Department		COMPLETED BY: Robert L. Fisher					
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
#1 Cooker	Resin Cooker Cap. 500 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#2 Cooker	Resin Cooker Cap. 500 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#1	Evaporator Cap. 1000 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#2	Evaporator Cap. 500 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#3	Evaporator Cap. 500 Gal.	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
--	Weigh up Tank Cap. 500 Gal.	--	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#20 Tank	Natural Reclaimed Resin Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#21 Tank	Black Reclaimed Resin Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#22 Tank	Phenol 7500 Gal. Tank	Phenol	100 Gal.	SOP #3 by Marcor	SOP #3	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department			COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
#22A Tank	Phenol 1100 Gal. Tank	Phenol	0	SOP #3 by Marcor	SOP #3	Y	R.L.F. 9/92
#23 Tank	Formaldehyde Tank	Formaldehyde	0	SOP #3 by Marcor	SOP #3	Y	R.L.F. 9/92
#24 Tank	7500 Gal. Hard Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#25 Tank	7500 Gal. Gp-4131	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#26 Tank	7500 Gal. 1024 Cresylic	1024 Cresylic	275 Gal.	SOP #3 by Marcor	SOP #3	Y	R.L.F. 9/92
#27 Tank	2800 Gal. R1X Tank	R1X Water Phenolic	N/A	SOP #3 by Spaulding	SOP #3	Y	R.L.F. 9/92
#28 Tank	Phenol 7500 Gal. Tank	Phenol	100 Gal.	SOP #3 by Marcor	SOP #3	Y	R.L.F. 9/92
#29 Tank	Aniline Tank	Aniline Oil	550 Gal.	SOP #3 by Marcor	SOP #3	Y	R.L.F. 9/92
#30 Tank	FRP Tank	Cresylic acid	0	SOP #3 by Marcor	SOP #3	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department		COMPLETED BY: Robert L. Fisher					
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
#31 Tank	2800 Gal. R1X Tank	R1X Water Phenolic	N/A	SOP #3 by Spaulding	SOP #3	Y	R.L.F. 9/92
#32 Tank	2800 Gal. R1X Tank	R1X Water Phenolic	N/A	SOP #3 by Spaulding	SOP #3	Y	R.L.F. 9/92
#33 Tank	1000 Gal. Dibutyl and Gum Resin Tank	Resin	N/A	SOP #1 by Spaulding	SOP #1	Y	R.L.F. 9/92
#34 Tank	2200 Gal. Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#35 Tank	2200 Gal. Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#36 Tank	2200 Gal. Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#37 Tank	2200 Gal. Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#38 Tank	2200 Gal. Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
#39 Tank	2200 Gal. Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department		COMPLETED BY: Robert L. Fisher					
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
#40 Tank	2200 Gal. Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
SCC-7420	SS-#4 Press Hydraulic System Capacity 1200 Gal.	Hydraulic Oil	1200 Gal.	SOP #4	Electrical Lockout	Y	R.L.F. 9/92
SCC-7520	SS-#6 Press Hydraulic System Capacity 1200 Gal.	Hydraulic Oil	1200 Gal.	SOP #4	Electrical Lockout	Y	R.L.F. 9/92
SCC-7340	SS-#16 Press Hydraulic System Capacity 1400 Gal.	Hydraulic Oil	1400 Gal.	SOP #4	Electrical Lockout	Y	R.L.F. 9/92
SCC-7326	SS-#16 Press Supertherm	Water	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 9/92
SCC-7335	SS-#16 Press Hot Water Pumps	Water	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 9/92
SCC-7392	SS-4-6 Supertherm & Pumps	Water	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 9/92
SCC-7430	SS-4 Cooling System	Water	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 9/92
SCC-7530	SS-6 Cooling System	Water	N/A	SOP #4	Electrical Lockout	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department

COMPLETED BY: Robert L. Fisher

<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
11-B	15000 Gal. Tank	1127 Cresylic	Product	SOP #3 by Marcor	SOP #3	Y	R.L.F. 9/92
11-C	15000 Gal. Tank	Regular Cresylic	Product	SOP #3 by Marcor	SOP #3	Y	R.L.F. 9/92
11-D	15000 Gal. Tank	Phenol	Product	SOP #3 by Marcor	SOP #3	Y	R.L.F. 9/92
Tank #16	Dibutyl Tank 3200 Gal.	Dibutyl	None	SOP #3 by Spaulding	SOP #3	Y	R.L.F. 11/92
Tank #17	250 Gal. Methanol Tank	Methanol	None	SOP #3 by Spaulding	SOP #3	Y	R.L.F. 9/92
Tank #18	250 Gal. Methanol Tank	Methanol	None	SOP #3 by Spaulding	SOP #3	Y	R.L.F. 9/92
Tank #19	250 Gal. Spaulding Solvent Tank 50%-Methanol/Toluene	Methanol Toluene	None	SOP #3 by Spaulding	SOP #3	Y	R.L.F. 9/92
--	Spauldite Sheet Packing Area	N/A	None	N/A	N/A	Y	R.L.F. 9/92
--	Sem. Room in Fibre Sheet Dept. (Part of S.S. Dept.)	N/A	None	N/A	N/A	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department			COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
-	55-Gal. Tank	Methanol	N/A	SOP #3	SOP #3	Y	R.L.F. 9/92
Chemical Weigh Tank	350-Gal. Tank	Resin	0	SOP #1	SOP #1	Y	R.L.F. 9/92
Dye Tank	700-Gal. Dye Mix Tank	Dyes	0	SOP #3	SOP #3	Y	R.L.F. 9/92

TABLE 3.7
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spaldite® Sheet - Rag Shed

COMPLETED BY: Robert L. Fisher

<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
-	Horizontal Diked Tank 12,000 Gallon Steel Tank	Crylic Acid	-	SOP #3	SOP #3	Y	R.L.F. 11/92
-	Horizontal Diked Tank 12,000 Gallon Steel Tank	Crylic Acid	-	SOP #3	SOP #3	Y	R.L.F. 11/92
-	Horizontal Diked Tank 12,000 Gallon Steel Tank	Phenol	-	SOP #3	SOP #3	Y	R.L.F. 11/92

TABLE 3.7

INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet - Tank Farm and Other Outside Areas COMPLETED BY: Robert L. Fisher

<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
Tank 47	15,000 Gallon Steel South Aboveground Storage Tank	Methanol or Ethanol	-	SOP #3	SOP #3	Y	R.L.F. 11/92
Tank 43	15,000 Gallon Steel Underground Storage Tank	Methanol	400 Gallons	SOP #3	SOP #3	Y	R.L.F. 11/92
Tank 44	15,000 Gallon Steel Underground Storage Tank	Methanol and Water Rinse	300 Gallons	SOP #3	SOP #3	Y	R.L.F. 11/92
Tank 45	15,000 Gallon Steel Underground Storage Tank	Methanol/Toluene Mixture	150 Gallons	SOP #3	SOP #3	Y	R.L.F. 11/92
Tank 46	3,750 Gallon Steel Underground Storage Tank	Benzene	-	SOP #3	SOP #3	Y	R.L.F. 11/92
Tank 41	12,000 Gallon Steel Aluminum Aboveground Tank with Asbestos Containing Tar-Felt Paper Insulation	Acetone or Formaldehyde	-	SOP #3	SOP #3	Y	R.L.F. 11/92
Tank 42	15,000 Gallon Steel North Aboveground Storage Tank	Methanol	-	SOP #3	SOP #3	Y	R.L.F. 11/92
-	15,000 Gallon Underground Caustic Tank	Caustic	3000 Gallons	SOP #3	SOP #3	Y	R.L.F. 11/92

Notes:

(1) Refers to Standard Operating Procedure (SOP) number specified in the Plant Decommissioning Work Plan.

N/A - Not applicable

Marcor - Marcor of New York, Inc.

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
4202 SCC-4320	#16 Press Main Floor	N/A	Y	Y	Removed-Dow Clean, Rags, Paper. Note: Hydraulic system not included in this inspection.	R.L.F. 10/28/92
SCC-7500	#6 Press Main Floor	N/A	Y	Y	General minor housekeeping performed. Note: Hydraulic system not included in this inspection.	R.L.F. 10/28/92
SCC-7400	#4 Press Main Floor	N/A	Y	Y	General minor housekeeping performed. Note: Hydraulic system not included in this inspection.	R.L.F. 10/28/92
SCC-7630	Watkins Saw Crane and Vacuum Lift System, Units 1,2	N/A	Y	Y		R.L.F. 10/28/92
SCC-7640	Watkins Saw Dust Collection System	N/A	Y	Y		R.L.F. 10/28/92
SCC-7600	Watkins Saw	N/A	Y	Y		R.L.F. 10/28/92
SCC-7700	Trim Line	N/A	Y	Y		R.L.F. 10/28/92
SCC-7650	Watkins Saw Sheet Cleaner	N/A	Y	Y		R.L.F. 10/28/92
SCC-7640	Watkins Saw Dust Collection System Main Console	N/A	Y	Y		R.L.F. 10/28/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
SCC-7815	Dust Transfer System	N/A	Y	Y		R.L.F. 10/28/92
SCC-7810	Dust Collector	Dust N/A	Y	Y	Minor dust accumulation on some small areas cleaned	R.L.F. 10/28/92
SCC-None	Cooler (Walk-in Unit)	N/A	Y	Y		R.L.F. 10/28/92
SCC-7081	New Varnish Oven	N/A	Y	Y		R.L.F. 10/28/92
SCC-7080	Old Varnish (New PTA Oven)	N/A	Y	Y		R.L.F. 10/28/92
SCC-None	Condensing Unit by Oven	N/A	Y	Y		R.L.F. 11/2/92
SCC-None	S.S. Treaters Hydraulic System	N/A	Y	Y		R.L.F. 11/2/92
SCC-None	Old Press Condensate Tank by Ladies Room	N/A	Y	Y		R.L.F. 11/2/92
SCC-None	(3) - Treater Presses	N/A	Y	Y	Isolation procedures include electrical lockout	R.L.F. 11/2/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department			COMPLETED BY: Robert L. Fisher			
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
SCC-7561	(2) - Lifts by #6 Press	N/A	Y	Y	Isolation procedures include electrical lockout	R.L.F. 11/2/92
SCC-None	New Stacker Crane in B-Storage Room	N/A	Y	Y	Isolation procedures include electrical lockout	R.L.F. 11/2/92
SCC-7770	Fab Area Sander	N/A	Y	Y	Isolation procedures include electrical lockout	R.L.F. 11/2/92
SCC-7760	Schelling Saw #1	Hydraulic Oil	Y	Y	Hydraulic oil drained	R.L.F. 11/2/92
SCC-7560	Crane for #7561 Lift	N/A	Y	Y	Isolation procedures include electrical lockout	R.L.F. 11/2/92
SCC-7377	#16-Press Room Crane	N/A	Y	Y	Isolation procedures include electrical lockout	R.L.F. 11/2/92
SCC-None	Cady 2-Ton by #6 Press	N/A	Y	Y		R.L.F. 11/2/92
SCC-7760	Schelling Saw #2	Hydraulic Oil	Y	Y	Hydraulic oil drained	R.L.F. 11/2/92
SCC-7280	B-Storage Room New Stacker Crane	N/A	Y	Y		R.L.F. 11/2/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department		COMPLETED BY: Robert L. Fisher				
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Properly Labeled (Y/N)</i>	<i>Isolation Procedures Taken (Y/N)</i>	<i>Notes</i>	<i>Inspectors Initials and Dates</i>
SCC-7250	#1- B-Storage Room Elevator	N/A	Y	Y		R.L.F. 11/2/92
SCC-7260	#2- B-Storage Room Elevator	N/A	Y	Y		R.L.F. 11/2/92
SCC-7150	#5-Treater	N/A	Y	Y		R.L.F. 11/2/92
SCC-7110	#1 Egan Horizontal Treater	N/A	Y	Y		R.L.F. 11/17/92
SCC-7120	#2 Egan Horizontal Treater	N/A	Y	Y		R.L.F. 11/17/92
SCC-7130	#3 Egan Horizontal Treater	N/A	Y	Y		R.L.F. 11/17/92
SCC-7140	#4 Egan Horizontal Treater	N/A	Y	Y		R.L.F. 11/17/92
--	Caustic Cleaning Area	Caustic & Water	Y	Y	Containment area under grating neutralized	R.L.F. 11/17/92
M-29	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department			COMPLETED BY: Robert L. Fisher			
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
M-30	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-31	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-32	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-33	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-34	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-35	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-36	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-37	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-38	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department			COMPLETED BY: Robert L. Fisher			
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
M-39	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-40	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-41	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-42	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
M-43	250 Gal.	Resin	Y	Y	Hardened resins on tank shell and floors	R.L.F. 11/17/92
Melamine Mix Tank	250 Gal.	Resin	Y	Y		R.L.F. 11/17/92
Tank #1	Resin Tank Capacity-1000 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #2	Resin Tank Capacity-2221 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #3	Resin Tank Capacity-1000 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department			COMPLETED BY: Robert L. Fisher			
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
Tank #4	Resin Tank Capacity-2221 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #5	Resin Tank Capacity-1000 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #6	Resin Tank Capacity-2221 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #7	Resin Tank Capacity-1000 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #8	Resin Tank Capacity-2221 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #9	Resin Tank Capacity-1000 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #10	Resin Tank Capacity-1000 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #11	Resin Tank Capacity-2221 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #12	Resin Tank Capacity-2221 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department				COMPLETED BY: Robert L. Fisher		
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
Tank #13	Resin Tank Capacity-1200 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #14	Resin Tank Capacity-1200 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Tank #15	Resin Tank Capacity-1200 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Mixing Tank Adjacent to Tank #15	700 Gal. Tank	-	Y	Y		R.L.F. 12/92
Blend & Mix Tank	Resin Tank Capacity-1000 Gal.	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
Epoxy Resin Mix Tank	Mix Tank Capacity-1000 Gal.	Epoxy Resin	Y	Y		R.L.F. 1/30/93
Black Mix Tank	Mix Tank Capacity-1000 Gal.	Resin	Y	Y		R.L.F. 12/16/92
Black Resin Blend Tank	Blend Tank Capacity-400 Gal.	Resin	Y	Y		R.L.F. 12/16/92
Nat. Resin Blend Tank	Nat. Resin Blend Tank Capacity 400 Gal.	Resin	Y	Y		R.L.F. 1/30/93

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department			COMPLETED BY: Robert L. Fisher			
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
#1 Cooker	Resin Cooker Cap. 500 Gal.	Resin	Y	Y		R.L.F. 12/16/92
#2 Cooker	Resin Cooker Cap. 500 Gal.	Resin	Y	Y		R.L.F. 12/16/92
#1	Evaporator Cap. 1000 Gal.	Resin	Y	Y		R.L.F. 12/16/92
#2	Evaporator Cap. 500 Gal.	Resin	Y	Y		R.L.F. 12/16/92
#3	Evaporator Cap. 500 Gal.	Resin	Y	Y		R.L.F. 12/16/92
-	Weigh up Tank Cap. 500 Gal.	-	Y	Y		R.L.F. 1/30/93
#20 Tank	Natural Reclaimed Resin Tank	Resin	Y	Y		R.L.F. 1/30/93
#21 Tank	Black Reclaimed Resin Tank	Resin	Y	Y		R.L.F. 1/30/93
#22 Tank	Phenol 7500 Gal. Tank	Phenol	Y	Y	All manways closed	R.L.F. 12/16/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department				COMPLETED BY: Robert L. Fisher		
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
#22A Tank	Phenol 1100 Gal. Tank	Phenol	Y	Y	All manways closed	R.L.F. 12/16/92
#23 Tank	Formaldehyde Tank	Formal	Y	Y	Tank wedged east side 4 inches All manways closed	R.L.F. 12/16/92
#24 Tank	7500 Gal. Hard Tank	Resin	Y	Y		R.L.F. 1/30/93
#25 Tank	7500 Gal. Gp-4131	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
#26 Tank	7500 Gal. 1024 Cresylic	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
#27 Tank	2800 Gal. R1X Tank	R1X Phenolic Water	Y	Y		R.L.F. 1/30/93
#28 Tank	Phenol 7500 Gal. Tank	Phenol	Y	Y		R.L.F. 1/30/93
#29 Tank	Aniline Tank	Aniline Oil	Y	Y	All manways closed	R.L.F. 12/16/92
#30 Tank	FRP Tank	Cresylic Acid	Y	Y	All manways closed	R.L.F. 12/16/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department

COMPLETED BY: Robert L. Fisher

<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Properly Labeled (Y/N)</i>	<i>Isolation Procedures Taken (Y/N)</i>	<i>Notes</i>	<i>Inspectors Initials and Dates</i>
#31 Tank	2800 Gal. R1X Tank	R1X Phenolic Water	Y	Y		R.L.F. 1/30/93
#32 Tank	2800 Gal. R1X Tank	R1X Phenolic Water	Y	Y		R.L.F. 1/30/93
#33 Tank	1000 Gal. Dibutyl and Gum Rosin Tank	Resin	Y	Y		R.L.F. 1/30/93
#34 Tank	2200 Gal. Tank	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
#35 Tank	2200 Gal. Tank	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
#36 Tank	2200 Gal. Tank	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
#37 Tank	2200 Gal. Tank	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
#38 Tank	2200 Gal. Tank	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
#39 Tank	2200 Gal. Tank	Resin	Y	Y	All manways closed	R.L.F. 12/16/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department				COMPLETED BY: Robert L. Fisher		
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
#40 Tank	2200 Gal. Tank	Resin	Y	Y	All manways closed	R.L.F. 12/16/92
SCC-7420	SS-#4 Press Hydraulic System Capacity 1200 Gal.	Hyd. Oil	Y	Y	Hydraulic system drained	R.L.F. 12/16/92
SCC-7520	SS-#6 Press Hydraulic System Capacity 1200 Gal.	Hyd. Oil	Y	Y	Hydraulic system drained	R.L.F. 12/16/92
SCC-7340	SS-#16 Press Hydraulic System Capacity 1400 Gal.	Hyd. Oil	Y	Y	Hydraulic system drained	R.L.F. 12/16/92
SCC-7326	SS-#16 Press Supertherm	Water	Y	Y		R.L.F. 12/16/92
SCC-7335	SS-#16 Press Hot Water Pumps	Water	Y	Y		R.L.F. 12/16/92
SCC-7392	SS-4-6 Supertherm & pumps	Water	Y	Y		R.L.F. 12/16/92
SCC-7430	SS-4 Cooling System	Water	Y	Y	Door secured	R.L.F. 12/16/92
SCC-7530	SS-6 Cooling System	Water	Y	Y	Door secured	R.L.F. 12/16/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department				COMPLETED BY: Robert L. Fisher		
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
11-B	15,000 Gal. Tank	1127 Cresylic	Y	Y	All manways closed	R.L.F. 1/4/93
11-C	15,000 Gal. Tank	Reg. Cresylic	Y	Y	All manways closed	R.L.F. 1/4/93
11-D	15,000 Gal. Tank	Phenol	Y	Y	All manways closed	R.L.F. 1/4/93
Tank #16	Dibutyl Tank 3200 Gal.	Dibutyl	Y	Y		R.L.F. 1/30/93
Tank #17	250 Gal Methanol Tank	Methanol	Y	Y		R.L.F. 1/30/93
Tank #18	250 Gal Methanol Tank	Methanol	Y	Y		R.L.F. 1/30/93
Tank #19	250 Gal. Spaulding Solvent Tank 50%-Methanol/Toluene	Methanol Toluene	Y	Y		R.L.F. 1/30/93
--	Spauldite Sheet Packing Area	N/A	Y	Y		R.L.F. 1/30/93
--	Sem. Room in Fibre Sheet Dept. (Part of S.S. Dept.)	N/A	Y	Y		R.L.F. 1/30/93

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department

COMPLETED BY: Robert L. Fisher

<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Properly Labeled (Y/N)</i>	<i>Isolation Procedures Taken (Y/N)</i>	<i>Notes</i>	<i>Inspectors Initials and Dates</i>
--	55 Gal. Tank	Methanol	Y	Y		R.L.F. 1/30/93
Chemical Weigh Tank	350 Gallon Tank	Resin	Y	Y		R.L.F. 11/92
Dye Tank	700 Gallon Dye Mix Tank	Dyes	Y	Y		R.L.F. 11/92

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Rag Shed				COMPLETED BY: Robert L. Fisher		
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
-	Horizontal Diked Tank 12,000 Gallon Steel Tank	Crylic Acid	Y	Y		R.L.F. 5/93
-	Horizontal Diked Tank 12,000 Gallon Steel Tank	Crylic Acid	Y	Y		R.L.F. 5/93
-	Horizontal Diked Tank 12,000 Gallon Steel Tank	Phenol	Y	Y		R.L.F. 5/93

TABLE 3.8
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® - Tank Farm and Other Outside Areas				COMPLETED BY: Robert L. Fisher		
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
Tank 47	15,000 Gallon Steel South Aboveground Storage Tank	Methanol or Ethanol	Y	Y		R.L.F. 4/93
Tank 43	15,000 Gallon Steel Underground Storage Tank	Methanol	Y	Y	Methanol transferred to another plant	R.L.F. 4/93
Tank 44	15,000 Gallon Steel Underground Storage Tank	Methanol and Water Rinse	Y	Y		R.L.F. 4/93
Tank 45	15,000 Gallon Steel Underground Storage Tank	Methanol/Toluene Mixture	Y	Y		R.L.F. 4/93
Tank 46	3,750 Gallon Steel Underground Storage Tank	Benzene	Y	Y		R.L.F. 4/93
Tank 41	12,000 Gallon Steel Aluminum Aboveground Tank with Asbestos Containing Tar-Felt Paper Insulation	Acetone or Formaldehyde	Y	Y		R.L.F. 4/93
Tank 42	15,000 Gallon Steel North Aboveground Storage Tank	Methanol	Y	Y		R.L.F. 4/93
-	15,000 Gallon Underground Caustic Tank	Caustic	Y	Y		R.L.F. 4/93

Notes:
 N/A - Not applicable

TABLE 3.9
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT:		Roll-Room Reservoir	COMPLETED BY:		Bill Rankin
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Notes	Inspectors Initials and Dates	
Concrete Reservoir	Niagara River Water Intake Pit	River Water	Ongoing quarterly safety inspection	B.R. Ongoing	

TABLE 3.9
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Plantwide		COMPLETED BY: Robert L. Fisher				
<i>Bldg. Area</i>	<i>Area Usage</i>	<i>Present or Former Contents</i>	<i>Acceptably Clean</i>	<i>Isolation Procedures Taken (Y/N)</i>	<i>Notes</i>	<i>Inspectors Initials and Dates</i>
Paint Shed	Paint Storage Area	Paints	Y	N/A	N/A	R.L.F. 10/15/92
Paint House	Paint Storage Area	Paints	Y	N/A	N/A	R.L.F. 10/15/92
Waste storage Area	Waste Drums	Same	Y	N/A	N/A	R.L.F. 10/15/92
--	2nd floor laboratory	N/A	Y	Y		R.L.F. 12/4/92
--	1st floor laboratory	N/A	Y	Y		R.L.F. 12/4/92

INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Zinc Chloride Acid House/Evaporator System

COMPLETED BY: Robert L. Fisher

Robert L. Fisher

[illegible]

TABLE 3.9
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Active Boiler House			COMPLETED BY: Robert L. Fisher				
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
-	Boiler	Treatment Chemicals	2 Drums	SOP #4	SOP #4	Y	R.L.F. 1/93

TABLE 3.9
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Inactive Boiler House		COMPLETED BY: Robert L. Fisher					
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
-	Coal Hoppers and Boilers	Coal	100 Tons	SOP #4	SOP #4	Y	R.L.F. 10/92

TABLE 3.9
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Weak Water Treatment Room		COMPLETED BY: Robert L. Fisher					
<i>Tank Piping or Equipment Ident. No.</i>	<i>Equipment Description (Capacity or Type)</i>	<i>Present or Former Contents</i>	<i>Estimated Quantity of Contents to be Removed</i>	<i>Equipment Decommission Protocol (1)</i>	<i>Isolation Procedure (1)</i>	<i>Label Applied (Y/N)</i>	<i>Decommission Completion Date</i>
-	Tanks	Zinc Chloride	4 1-Yard Totes	CNYIS SOP #2	SOP #2	Y	R.L.F. 5/93

TABLE 3.9
INITIAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Tank Farm Behind Fibre Sheet Building		COMPLETED BY: Robert L. Fisher					
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Estimated Quantity of Contents to be Removed	Equipment Decommission Protocol (1)	Isolation Procedure (1)	Label Applied (Y/N)	Decommission Completion Date
-	Asphalt Aboveground Storage Tanks	Asphalts	130 Drums	SOP #3	SOP #3	Y	R.L.F. 9/13/93
-	Reaction Water (R1X) Aboveground Storage Tanks (3 Tanks)	Reaction Water	7000 Gallons Total	SOP #3	SOP #3	Y	R.L.F. 7/14/94

Note:

(1) Refers to Standard Operating Procedure (SOP) number specified in the Plant Decommissioning Work Plan.
 CNYIS - Central New York Industrial Services

TABLE 3.10
FINAL TANK/EQUIPMENT DECOMMISSIONING CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT:		Roll-Room Reservoir	COMPLETED BY:		Bill Rankin
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Notes	Inspectors Initials and Dates	
Concrete Reservoir	Niagara River Water Intake Pit	River Water	Ongoing quarterly safety inspection	B.R. Ongoing	

TABLE 3.10
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Plant wide		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
Paint Shed	Paint Storage Area	Paints	Y	N/A	N/A	R.L.F. 10/30/92
Paint House	Paint Storage Area	Paints	Y	N/A	N/A	R.L.F. 10/30/92
Waste Storage Area	Waste Drums	Same	Y	N/A	N/A	R.L.F. 10/30/92
-	2nd Floor Laboratory Area	N/A	Y	Y	Isolation procedures include electrical lockout	R.L.F. 12/15/92
-	1st Floor Laboratory Area	N/A	Y	Y	Isolation procedures include electrical lockout	R.L.F. 12/15/92

TABLE 3.10

COMPLETED BY: Robert L. Fisher

[illegible]

TABLE 3.10
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Active Boiler House		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
-	Boilers	Treatment Chemicals	Y	Y	Removed chemicals and transferred them to another department for Site use	R.L.F. 2/93

TABLE 3.10
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Inactive Boiler House		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
-	Coal Hoppers and Boilers	Coal	Y	Y	Coal removed 6/95 and stockpiled on-Site awaiting transferral off-Site	R.L.F. / / 95

TABLE 3.10
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Weak Water Treatment Room		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
-	Tanks	Zinc Chloride	Y	Y		R.L.F. 9/94

TABLE 3.10
FINAL TANK/EQUIPMENT DECOMMISSIONING INSPECTION CHECKLIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Tank Farm Behind Fibre Sheet Building		COMPLETED BY: Robert L. Fisher				
Tank Piping or Equipment Ident. No.	Equipment Description (Capacity or Type)	Present or Former Contents	Properly Labeled (Y/N)	Isolation Procedures Taken (Y/N)	Notes	Inspectors Initials and Dates
-	Asphalt Aboveground Storage Tanks	Asphalts	Y	Y		R.L.F. 10/28/93
-	Reaction Water (RIX) Aboveground Storage Tanks (3 tanks)	Reaction Water	Y	Y	Free liquid contents of tanks removed 3/95. Tanks with hardened resins awaiting transferral off-Site to Modern Disposal Sanitary Landfill in Model City, New York.	R.L.F. / /95

Notes:
NA - Not applicable

TABLE 3.11

COMPLETED BY: B. Rankin

[illegible]

TABLE 3.11
 SUMP/DRAIN INVENTORY LIST
 SPAULDING COMPOSITES COMPANY
 TONAWANDA, NEW YORK

DEPARTMENT: <u>Paper Mill</u>		COMPLETED BY: <u>B. Rankin</u>		
<i>Sump/Drain Description</i>	<i>Location</i>	<i>Inlet Source</i>	<i>Discharge To</i>	
River Water Reservoir Pit	Paper storage area of roll room	Niagara River	Paper Mill Department	
Stock chests	Paper Mill Department	Liquid paper	N/A	
Clean water pits	Paper Mill Basement	Sand filter	N/A	
CO2 treatment pit	Paper Mill Basement	Process water	Sanitary sewer	
I-Line trench	Paper Mill Basement	Process water	Sanitary sewer	

TABLE 3.11
 SUMP/DRAIN INVENTORY LIST
 SPAULDING COMPOSITES COMPANY
 TONAWANDA, NEW YORK

DEPARTMENT: Fibre Sheet and Fibre Tube COMPLETED BY: B. Rankin

<i>Sump/Drain Description</i>	<i>Location</i>	<i>Inlet Source</i>	<i>Discharge To</i>
Leaching tank pits	Fibre Sheet and Fibre Tube Department	N/A	N/A
Pit	Fibre Tube Department	N/A	N/A
Sump	Fibre Fab.	N/A	N/A
Sump	Fibre Fab.	N/A	N/A
Grinding pit	Fibre Tube Department	N/A	N/A
Fibre press pits	Fibre sheet	N/A	N/A

TABLE 3.11
SUMP/DRAIN INVENTORY LIST
SPAULDING COMPOSITES COMPANY
TONAWANDA, NEW YORK

DEPARTMENT: Spauldite® Sheet Department
COMPLETED BY: B. Rankin

[illegible]

Notes:
NA = Not Applicable

APPENDIX A

ANALYTICAL RESULTS OF CORE SAMPLES OF WOODEN LEACHING TANKS

SPAULDING COMPOSITES CO.

**ANALYSIS OF WOODEN WATER TANK
FOR SELECTED METALS**

Prepared By:



"A Company Dedicated to Honesty, Quality and Service"

November 8, 1993
REF: FVY345C

QA/QC VERIFICATION FOR PROJECT ID 345C

The following report, as well as the supporting data, have been carefully reviewed for accuracy, adherence to the cited methods, and completeness. All data contained in this report was generated in accordance with the AES Laboratory Quality Assurance/Quality Control Program.

Parla J. Clark for:
Linda A. Ratka
Inorganic Senior Technician

Paul T. McMahon
Paul T. McMahon
Quality Control Officer

Catherine Mocniak
Catherine Mocniak
Manager, Industrial Hygiene

All 'Total' results on soil matrices are calculated on a dry weight basis, unless otherwise noted. Analyses noted as 'Performed in the laboratory' require immediate testing and should be performed in the field.

The following are standard abbreviations:

BQL - Below Quantifiable Limits
ND - None Detected
NG - No Growth of Colonies
NR - Not Requested

CLIENT: Spaulding Composites Co.
SAMPLE ID: WATER TANK SC-393 (26383)
COLLECTION METHOD: GRAB
COLLECTION DATE(S): 10/28/93
SAMPLE TYPE: WOOD

AES CLIENT ID: SPAULD
AES SAMPLE ID: 345C-1

PROJECT ID: 345C

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
Total Cadmium	3.0	mg/kg	0.5	2.5	SW 846 6010
Total Lead	32	mg/kg	5.0	25	SW 846 6010
Total Zinc	17000	mg/kg	2.0	8.0	SW 846 6010

CLIENT: Spaulding Composites Co.
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: SPAULD

PROJECT ID: 345C

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
Total Cadmium	ND	mg/kg	0.5	2.5	SW 846 6010
Total Lead	ND	mg/kg	5.0	25	SW 846 6010
Total Zinc	ND	mg/kg	2.0	8.0	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES, INC.
QUALITY CONTROL REPORT

PAGE 3

CLIENT: Speulding Composites Co.

AES CLIENT ID: SPAULD
PROJECT ID: 345C

ACCURACY

Analytical Parameter(s)	Method	Sample ID	Type	Percent Recovery
Total Cadmium	SW 846 6010	---	Independent Standard	101
Total Lead	SW 846 6010	---	Independent Standard	94
Total Zinc	SW 846 6010	---	Independent Standard	99

AES Job Code EVY

AES Job No. 3450

[illegible]

Note: Areas marked using a dash indicate that no sample preparation was required under the applied methodology.

CHAIN OF CUSTODY RECORD

26383

JOB CODE: FVY 345C

SAMPLER'S SIGNATURE: Steph Gorkhena

IDENTIFICATION OF
BLIND FIELD DUPLICATE SITE:

[illegible]

TOTAL NUMBER OF CONTAINERS,

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

1. RELINQUISHED BY: <i>Yusef Gurdigzadeh</i>	DATE <i>10/28/93</i>	TIME <i>4:00 PM</i>	RECEIVED BY: <i>Ron Schultz</i>
2. RELINQUISHED BY: <i>Ron Schultz</i>	DATE <i>10/28/93</i>	TIME <i>4:40</i>	RECEIVED BY: <i>Erica Cohen</i>
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

APPENDIX B

ANALYTICAL RESULTS OF R1X TANK
HARDENED RESINS

SPAULDING COMPOSITES CO. (CRA)

RIX TANK SOLIDS
TCLP AND PCB ANALYSES

Prepared By:

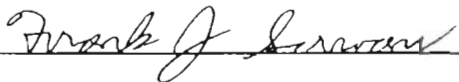


'A Company Dedicated to Honesty, Quality and Service'

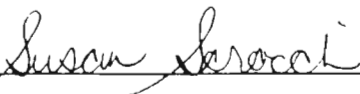
February 6, 1995
REF: FVY5167

QA/QC VERIFICATION FOR PROJECT ID 5167

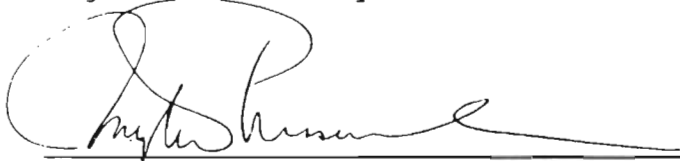
The following report, as well as the supporting data, have been carefully reviewed for accuracy, adherence to the cited methods, and completeness. All data contained in this report was generated in accordance with the AES Laboratory Quality Assurance/Quality Control Program.



Inorganic Chemistry



Organic Chemistry



Quality Control



Kristen Olson
Project Manager

All 'Total' results on soil matrices are calculated on a dry weight basis, unless otherwise noted. Analyses noted as 'Performed in the laboratory' require immediate testing and should be performed in the field.

The following are standard abbreviations:

BQL - Below Quantifiable Limits
ND - None Detected
NG - No Growth of Colonies
NR - Not Requested

CLIENT: Spaulding Composites Co. (CRA)
SAMPLE ID: RIX TANK SOLIDS
COLLECTION METHOD: Composite
COLLECTION DATE(S): 01/25/95 - 2:00 pm
SAMPLE TYPE: Solid

AES CLIENT ID: SPAULD2
AES SAMPLE ID: 5167-1

PROJECT ID: 5167

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
PCB-1016	ND	mg/kg	0.096 *	0.38 *	SW 846 8080
PCB-1221	ND	mg/kg	0.096	0.38	SW 846 8080
PCB-1232	ND	mg/kg	0.096	0.38	SW 846 8080
PCB-1242	ND	mg/kg	0.096	0.38	SW 846 8080
PCB-1248	0.90	mg/kg	0.096	0.38	SW 846 8080
PCB-1254	ND	mg/kg	0.096	0.38	SW 846 8080
PCB-1260	ND	mg/kg	0.096	0.38	SW 846 8080

* High limit due to sample matrix; dilution was required.

CLIENT: Spaulding Composites Co. (CRA)
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: SPAULD2

PROJECT ID: 5167

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
PCB-1016	ND	mg/kg	0.008	0.033	SW 846 8080
PCB-1221	ND	mg/kg	0.008	0.033	SW 846 8080
PCB-1232	ND	mg/kg	0.008	0.033	SW 846 8080
PCB-1242	ND	mg/kg	0.008	0.033	SW 846 8080
PCB-1248	ND	mg/kg	0.008	0.033	SW 846 8080
PCB-1254	ND	mg/kg	0.008	0.033	SW 846 8080
PCB-1260	ND	mg/kg	0.008	0.033	SW 846 8080

CLIENT: Spaulding Composites Co. (CRA)
 SAMPLE ID: RIX TANK SOLIDS
 COLLECTION METHOD: Composite
 COLLECTION DATE(S): 01/25/95 - 2:00 pm
 SAMPLE TYPE: Solid

AES CLIENT ID: SPAULD2
 AES SAMPLE ID: 5167-1

PROJECT ID: 5167

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.18	5.0	0.05	SW 846 6010
Barium	BQL	100	1.0	SW 846 6010
Cadmium	BQL	1.0	0.02	SW 846 6010
Chromium	BQL	5.0	0.05	SW 846 6010
Lead	0.07	5.0	0.05	SW 846 6010
Mercury	BQL	0.2	0.001	SW 846 7470
Selenium	BQL	1.0	0.075	SW 846 6010
Silver	BQL	5.0	0.025	SW 846 6010
Total Cresol	2.6	200	0.40 *	SW 846 8270
2,4,5-Trichlorophenol	BQL	400	0.40	SW 846 8270
2,4,6-Trichlorophenol	BQL	2.0	0.40	SW 846 8270
1,4-Dichlorobenzene	BQL	7.5	0.40	SW 846 8270
2,4-Dinitrotoluene	ND	0.13	0.030 **	SW 846 8270
Hexachlorobenzene	ND	0.13	0.028 **	SW 846 8270
Hexachlorobutadiene	BQL	0.5	0.40	SW 846 8270
Hexachloroethane	BQL	3.0	0.40	SW 846 8270
Nitrobenzene	BQL	2.0	0.40	SW 846 8270
Pentachlorophenol	BQL	100	0.40	SW 846 8270
Pyridine	BQL	5.0	0.40	SW 846 8270
Benzene	BQL	0.5	0.10	SW 846 8240
Carbon tetrachloride	BQL	0.5	0.10	SW 846 8240
Chlorobenzene	BQL	100	0.10	SW 846 8240
Chloroform	BQL	6.0	0.10	SW 846 8240
1,2-Dichloroethane	BQL	0.5	0.10	SW 846 8240
1,1-Dichloroethene	BQL	0.7	0.10	SW 846 8240
Methyl Ethyl Ketone	0.74	200	0.20	SW 846 8240
Tetrachloroethene	BQL	0.7	0.10	SW 846 8240

* High limit due to sample matrix; dilution was required.

** Method detection limit.

CLIENT: Spaulding Composites Co. (CRA)
SAMPLE ID: RIX TANK SOLIDS
COLLECTION METHOD: Composite
COLLECTION DATE(S): 01/25/95 - 2:00 pm
SAMPLE TYPE: Solid

AES CLIENT ID: SPAULD2
AES SAMPLE ID: 5167-1

PROJECT ID: 5167

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Trichloroethene	BQL	0.5	0.10	SW 846 8240
Vinyl chloride	BQL	0.2	0.10	SW 846 8240

CLIENT: Spaulding Composites Co. (CRA)
 SAMPLE ID: METHOD BLANK
 COLLECTION METHOD:
 COLLECTION DATE(S):
 SAMPLE TYPE:

AES CLIENT ID: SPAULD2

PROJECT ID: 5167

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	BQL	5.0	0.05	SW 846 6010
Barium	BQL	100	1.0	SW 846 6010
Cadmium	BQL	1.0	0.02	SW 846 6010
Chromium	BQL	5.0	0.05	SW 846 6010
Lead	BQL	5.0	0.05	SW 846 6010
Mercury	BQL	0.2	0.001	SW 846 7470
Selenium	BQL	1.0	0.075	SW 846 6010
Silver	BQL	5.0	0.025	SW 846 6010
Total Cresol	BQL	200	0.020	SW 846 8270
2,4,5-Trichlorophenol	BQL	400	0.020	SW 846 8270
2,4,6-Trichlorophenol	BQL	2.0	0.020	SW 846 8270
1,4-Dichlorobenzene	BQL	7.5	0.020	SW 846 8270
2,4-Dinitrotoluene	BQL	0.13	0.020	SW 846 8270
Hexachlorobenzene	BQL	0.13	0.020	SW 846 8270
Hexachlorobutadiene	BQL	0.5	0.020	SW 846 8270
Hexachloroethane	BQL	3.0	0.020	SW 846 8270
Nitrobenzene	BQL	2.0	0.020	SW 846 8270
Pentachlorophenol	BQL	100	0.020	SW 846 8270
Pyridine	BQL	5.0	0.020	SW 846 8270
Benzene	BQL	0.5	0.10	SW 846 8240
Carbon tetrachloride	BQL	0.5	0.10	SW 846 8240
Chlorobenzene	BQL	100	0.10	SW 846 8240
Chloroform	BQL	6.0	0.10	SW 846 8240
1,2-Dichloroethane	BQL	0.5	0.10	SW 846 8240
1,1-Dichloroethene	BQL	0.7	0.10	SW 846 8240
Methyl Ethyl Ketone	BQL	200	0.20	SW 846 8240
Tetrachloroethene	BQL	0.7	0.10	SW 846 8240
Trichloroethene	BQL	0.5	0.10	SW 846 8240

CLIENT: Spaulding Composites Co. (CRA)
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: SPAULD2

PROJECT ID: 5167

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/L)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Vinyl chloride	BQL	0.2	0.10	SW 846 8240

ADVANCED ENVIRONMENTAL SERVICES, INC.
QUALITY CONTROL REPORT

PAGE 7

CLIENT: Spaulding Composites Co. (CRA)

AES CLIENT ID: SPAULD2
PROJECT ID: 5167

ACCURACY

Analytical Parameter(s)	Method	Sample ID	Type	Percent Recovery
Arsenic	SW 846 6010	---	Independent Standard	99
Barium	SW 846 6010	---	Independent Standard	102
Cadmium	SW 846 6010	---	Independent Standard	101
Chromium	SW 846 6010	---	Independent Standard	100
Lead	SW 846 6010	---	Independent Standard	98
Mercury	SW 846 7470	---	Independent Standard	91
Selenium	SW 846 6010	---	Independent Standard	100
Silver	SW 846 6010	---	Independent Standard	106
Total Cresol	SW 846 8270	---	Independent Standard	106
2,4,5-Trichlorophenol	SW 846 8270	---	Independent Standard	116
2,4,6-Trichlorophenol	SW 846 8270	---	Independent Standard	107
1,4-Dichlorobenzene	SW 846 8270	---	Independent Standard	112
2,4-Dinitrotoluene	SW 846 8270	---	Independent Standard	128
Hexachlorobenzene	SW 846 8270	---	Independent Standard	129
Hexachlorobutadiene	SW 846 8270	---	Independent Standard	96
Hexachloroethane	SW 846 8270	---	Independent Standard	103
Nitrobenzene	SW 846 8270	---	Independent Standard	117
Pentachlorophenol	SW 846 8270	---	Independent Standard	172
Pyridine	SW 846 8270	---	Independent Standard	131
Benzene	SW 846 8240	---	Independent Standard	88
Carbon tetrachloride	SW 846 8240	---	Independent Standard	92
Chlorobenzene	SW 846 8240	---	Independent Standard	100
Chloroform	SW 846 8240	---	Independent Standard	94
1,2-Dichloroethane	SW 846 8240	---	Independent Standard	90
1,1-Dichloroethene	SW 846 8240	---	Independent Standard	72
Methyl Ethyl Ketone	SW 846 8240	---	Independent Standard	92
Tetrachloroethene	SW 846 8240	---	Independent Standard	98
Trichloroethene	SW 846 8240	---	Independent Standard	96
Vinyl chloride	SW 846 8240	---	Independent Standard	106

ADVANCED ENVIRONMENTAL SERVICES, INC.
QUALITY CONTROL REPORT
=====

PAGE 8

CLIENT: Spaulding Composites Co. (CRA)

AES CLIENT ID: SPAULD2
PROJECT ID: 5167

ACCURACY

Analytical Parameter(s)	Method	Sample ID	Type	Percent Recovery
PCB-1260	SW 846 8080	---	Independent Standard	96

CLIENT: Spaulding Composites Co. (CRA)

AES CLIENT ID: SPAULD2
PROJECT ID: 5167

ACCURACY - SURROGATE RECOVERIES

Analytical Parameter(s)	Method	Sample ID	Acceptable Range	Percent Recovery
1,2-Dichloroethane-d4	SW 846 8240	5167-1	76-114	99
1,2-Dichloroethane-d4	SW 846 8240	BLANK	76-114	96
Toluene-d8	SW 846 8240	5167-1	88-110	67 *
Toluene-d8	SW 846 8240	BLANK	88-110	104
4-Bromofluorobenzene	SW 846 8240	5167-1	86-115	99
4-Bromofluorobenzene	SW 846 8240	BLANK	86-115	102
2-Fluorophenol	SW 846 8270	5167-1	21-100	00 **
2-Fluorophenol	SW 846 8270	BLANK	21-100	66
Phenol-d6	SW 846 8270	5167-1	10-94	00
Phenol-d6	SW 846 8270	BLANK	10-94	52
2,4,6-Tribromophenol	SW 846 8270	5167-1	10-123	00
2,4,6-Tribromophenol	SW 846 8270	BLANK	10-123	94
Nitrobenzene-d5	SW 846 8270	5167-1	35-114	00
Nitrobenzene-d5	SW 846 8270	BLANK	35-114	110
2-Fluorobiphenyl	SW 846 8270	5167-1	43-116	00
2-Fluorobiphenyl	SW 846 8270	BLANK	43-116	99
Terphenyl-d4	SW 846 8270	5167-1	33-141	00
Terphenyl-d4	SW 846 8270	BLANK	33-141	85
2,4,5,6-Tetrachloro-m-xylene	SW 846 8080	5167-1	49-169	00 ***
2,4,5,6-Tetrachloro-m-xylene	SW 846 8080	BLANK	49-169	136

* Surrogate out of range due to matrix interference.

** Diluted out.

*** Surrogate diluted out.

AES Job Code FVY

AES Job No. 5167

[illegible]

Note: Areas marked using a dash, indicate that no sample preparation was required under the applied methodology.

AES Job Code FVY

AES Job No. 5167

Note: Areas marked using a dash indicate that no sample preparation was required under the applied methodology.

AES Job Code FLVY

AES Job No. 5167

[illegible]

Note: Areas marked using a dash indicate that no sample preparation was required under the applied methodology.

AES Job Code FLY

AES Job No. 5162

Note: Areas marked using a dash indicate that no sample preparation was required under the applied methodology.



ENVIRONMENTAL SERVICES, INC.
2186 LIBERTY DRIVE
NIAGARA FALLS, NEW YORK 14304

(716) 283-3120
(800) 791-3120
FAX (716) 283-4727

CHAIN OF CUSTODY RECORD

0809

PROJECT I.D. #: FVY

JOB CODE: 5167

PROJECT NAME: SPAULDING COMPOSITES

SAMPLER'S SIGNATURE: Mike Schutte

DATE	TIME	SAMPLE IDENTIFICATION	GRAB COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION					PARAMETERS/REMARKS
					UNPRESERVED	HNO ₃	H ₂ SO ₄	HCL	NAOH	
1-25-95	8:30 AM	TREATED WATER	X	WATER	2					3510 3620 8080 RESULTS MISSING IN PPT
1-25-95	1:40 PM	WATER #1 SC-595	X	WET NAP	1					PCB
1-25-95	2:00 PM	WATER #2 SC-596	X	WET NAP	1					PCB
1-25-95	2:00 PM	RIT TANK SOLIDS	X	SOLIDS	1					RESULTS WEST BE IN PARTS PER MILLION TCLP VOA & SEMI VOA TCLP METALS & PCB (CALL WAI CHIN LACHELL)
										297-2160
TOTAL NUMBER OF CONTAINERS					5					

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

1. RELINQUISHED BY: Mike Schutte	DATE: 1-25-95	TIME: 1:48 PM	RECEIVED BY: Ron Schutte
2. RELINQUISHED BY: Ron Schutte	DATE: 1-25-95	TIME: 2:15 PM	RECEIVED BY: Kathleen J. Gagnier
3. RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:

SPAULDING COMPOSITES CO. (CRA)

**RIX TANK SOLIDS
FLASHPOINT ANALYSIS**

Prepared By:

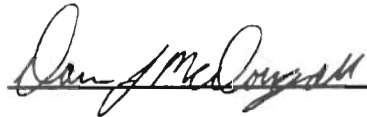


"A Company Dedicated to Honesty, Quality and Service"

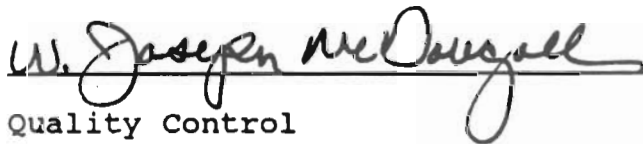
February 8, 1995
REF: FVY519F

QA/QC VERIFICATION FOR PROJECT ID 519F

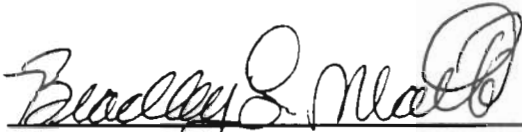
The following report, as well as the supporting data, have been carefully reviewed for accuracy, adherence to the cited methods, and completeness. All data contained in this report was generated in accordance with the AES Laboratory Quality Assurance/Quality Control Program.



Inorganic Chemistry



Quality Control



Bradley Martin
Project Manager

All 'Total' results on soil matrices are calculated on a dry weight basis, unless otherwise noted. Analyses noted as 'Performed in the laboratory' require immediate testing and should be performed in the field.

The following are standard abbreviations:

BQL - Below Quantifiable Limits
ND - None Detected
NG - No Growth of Colonies
NR - Not Requested

CLIENT: Spaulding Composites Co. (CRA)
SAMPLE ID: RIX TANK SOLIDS
COLLECTION METHOD: Composite
COLLECTION DATE(S): 01/25/95 - 2:00 pm
SAMPLE TYPE: Solid

AES CLIENT ID: SPAULD2
AES SAMPLE ID: 519F-1

PROJECT ID: 519F

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
Flash Point, Open Cup	140	*F	---	---	ASTM D92
Flash Point, Open Cup (Duplicate)	155 *	*F	---	---	ASTM D92

*Analyzed in duplicate. Both results reported.

* Duplicate analysis performed per method requirement.

CLIENT: Spaulding Composites Co. (CRA)
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: SPAULD2

PROJECT ID: 519F

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
Flash Point, Open Cup	> 200	°F	---	---	ASTM D92

AES Job Code FVY

AES Job No. 519F

[illegible]

Note: Areas marked using a dash, indicate that no sample preparation was required under the applied methodology. A box positioned in the middle of the journal paper is required under the applied methodology.

(716) 283-3120
(800) 791-3120
FAX (716) 283-4727

Spaulding Composites

Mike Schultz

UNPRESERVED	HNO ₃	H ₂ SO ₄	HCL	NAOH	VIAL (PRES.)	VIAL (UNPRES.)	TOTAL
1	1	1	1	1	1	1	1

PROJECT I.D. #:

JOB CODE:

DATE	TIME	SAMPLE IDENTIFICATION	SAMPLE TYPE
10/10/2010	10:00	10/10/2010	10/10/2010

GRAB
COMP

SAMPLE IDENTIFICATION

SAMPLE TYPE

PARAMETERS/REMARKS

[illegible]

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

1. RELINQUISHED BY:

RECEIVED BY:

TIME

DATE _____

RECEIVED BY: *Marlynn J. Higgins*
RECEIVED BY:

2 RELINQUISHED BY:

RECEIVED BY:

TIME

DATE _____

3. RELINQUISHED BY:

RECEIVED BY:

EMIL

DATE _____

APPENDIX C

GAS WELL PLUGGING REPORT AND
NYSDEC APPROVAL LETTER

New York State Department of Environmental Conservation

Division of Mineral Resources - Region 9
128 South Street
Olean, NY 14760-3632



January 19, 1995

Mr. Ron Juhre
Spaulding Composites Co., Inc.
310 Wheeler Street
Tonawanda, NY 14150-5101

Dear Mr. Juhre:

EXHIBIT 11
31-029-13018

With the receipt of an acceptable Plugging Report on January 19, 1995 (copy enclosed), and the inspection of the well on January 10, 1995, showing no detectable leaks, we are closing our file on the Spaulding #1 well.

If you have any questions or need any clarification, please feel free to contact our office at (716) 372-0645.

Sincerely,

Regional Minerals Manager
Region 9 - Olean

JD/tlj

ENCLOSURE

cc: Ms. Maureen Brady, Buffalo Legal
Frey Well Drilling

01-220		Postnet brand fax transmittal memo 7571		Page 1 of 1	
John Hill		Chris Hill			
Hill		Hill			
Dept.		Dept.			
612-4340		322 0645			
		322 0113			



PRINT OR TYPE IN BLACK INK

PLUGGING REPORT

THIS APPLICATION IS A LEGAL DOCUMENT.

READ THE APPLICABLE AFFIRMATION AND ACKNOWLEDGEMENT CAREFULLY BEFORE SIGNING.

[illegible]

APPENDIX D

THERMINOL UNIT DECOMMISSIONING REPORT

CRA

2055 Niagara Falls Boulevard
Suite Three
Niagara Falls, New York 14304
(716) 297-6150

MEMO

TO: Ron Juhre, Spaulding

REFERENCE NO: 5039

FROM: Bob Fisher/jdh/js/4

DATE: March 15, 1995

RE: Thermanal Unit
Spaulding Composites Company
Tonawanda, New York

C.C.: R. Kirkpatrick, R. Berger, L. Rundio (4 Copies), W. Lachell

The therminol unit was an oil/water heat exchange system. Polychlorinated biphenyl (PCB) oil was pumped through two heat transfer interlocked parallel coils within the gas-fired chamber of the boiler. The coils consisted of 3 1/2-inch diameter steel tubing with 32 4-foot diameter loops per coil. Oil was pumped through both coils in parallel and heated in the boiler. From the boiler the piping then carried the oil through a series of pumps, expansion tank, and other equipment to heat water as needed for former plant processes.

Conestoga-Rovers & Associates (CRA) worked with Spaulding Composites Company (SCC) workers to develop the details for the Therminol unit decommissioning. CRA also had an engineer on Site observing and assisting to ensure all work was done safely and in compliance with all regulatory requirements.

Prior to decommissioning, CRA performed a complete inspection of the therminol unit and the building housing the unit to ascertain all safety issues. Samples were taken of all suspected asbestos-containing materials. Sampling results indicated asbestos in the transit siding of the building only. Personnel from International Waste Removal Incorporated (IWRI) removed and disposed of the asbestos transit siding from the outside of the building containing the thermal unit in accordance with all applicable rules and regulations. After which SCC personnel removed the door and framework from the side of the building so that the coils could be removed.

During the last week of January 1995, SCC personnel drained the piping to the Therminol Unit and removed the associated piping and expansion tank from the system outside of the gas boiler. Approximately 50 gallons of oil was collected and drummed during the removal of the piping. As the piping was removed, open ends were sealed with 6-mil polyethylene sheeting and duct tape as necessary before being placed in a rolloff provided by Chemical Waste Management (CWM). On February 17, 1995, the first rolloff was removed from the Site and delivered to

CWM's Model City facility for disposal of the piping. Another rolloff was delivered for the remaining coils, piping, and debris.

During the week of February 20, 1995, SCC personnel removed one end of the boiler unit (target end) for inspection and preparation to remove the coils. CRA conducted an in-place inspection of the coils which showed them to be in good condition with no leaks, cracks or fractures. The two flanged ends of the coils at the target end were capped and sealed with blank flanges and rubber gaskets. The boiler was then cut to free the pipes, this included cutting around the header pipe and internal stays. The header pipes were severed using a portable band saw to free the coils for removal from the unit. A prefabricated wooden plug was driven into the severed header end of each pipe to seal the coils (blank flanges at opposite end).

The B-stage area inside the plant was prepared for the final draining and cutting of the steel coils. Portable heaters were set up to raise the temperature of the oil above freezing, thereby decreasing the viscosity of the oil for draining. Chain hoists and rigging was connected to the overhead structural steel for lifting the coils vertically to allow the oil to drain down through the coils and out valves fitted to the blank flanges. A temporary 4-inch berm was constructed around the area where the coils were hung and the floor was covered with 6-mil polyethylene sheeting.

The steel coils were removed from the boiler and taken inside to the B-Stage Area on February 23, 1995 using a system of rigging and chains, a John Deere tractor, and a forklift. Once in the bermed area, the blank flanges were fitted with 3/4-inch valves. The coils were then hoisted from a horizontal position to a vertical position where oil could flow through the coils to the bottom and be collected in buckets. The PCB oil was transferred from the buckets to appropriate DOT-approved 55-gallon drums. Approximately 100 gallons of oil was removed from the coil while hanging vertically. The operation was manned 24 hours a day for continued draining of oil and to maintain the temperature of the B-Stage Area.

On February 27, 1995, the coils were lowered back to the floor (horizontal). A portable band saw was used to cut the 64 coil section into individual coils, the open ends were inverted allowing any free liquid to drain. The cut ends were then covered with 6-mil polyethylene sheeting, sealed with duct tape as appropriate, and placed into the rolloff for disposal at Chemical Waste Management's (CMWs) Model City facility.

With the coils removed, a thorough inspection of the boiler was then performed by CRA to inspect the fire brick lining for any possible signs of leakage from the coils. No signs of leakage were detected in the boiler and the fire brick lining was left in place.

By March 1, 1994, the piping from the therminol unit had been drained, sealed, and placed in a rolloff. A total of seven 55-gallon drums were filled with oil from the

decommissioning of the unit and labeled in accordance with the applicable rules and regulations, and staged within the B-Stage Area in preparation for off-Site disposal. All personal protective equipment (PPE) and polyethylene sheeting was placed in plastic bags and placed in the rolloff for disposal.

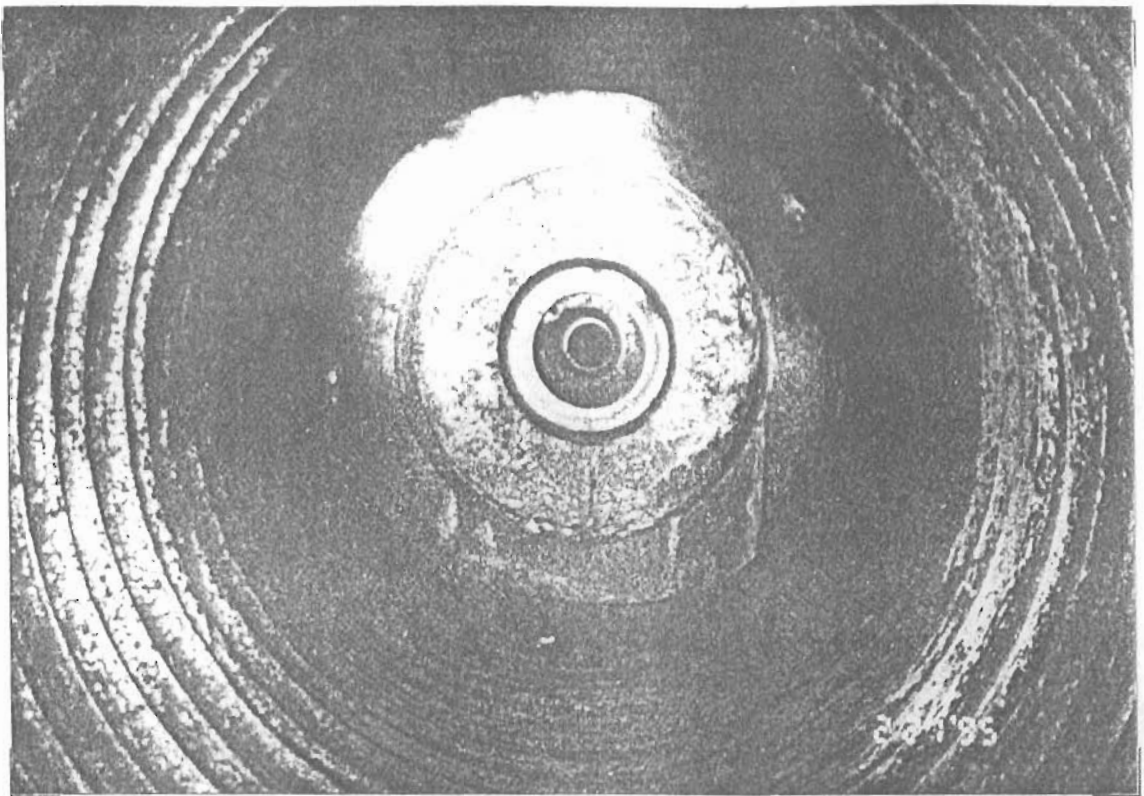
On March 7, 1995, the second rolloff was removed from the Site and delivered to Model City for disposal.

A photographic log was maintained throughout the decommissioning of the Therminol Unit. The decommissioning process was completed safely and without incident. Enclosed as Attachment A is the photographic log.

Attachment B includes all associated documents for disposal and will be sent out at a later date when final disposal is completed.

ATTACHMENT A

PHOTO LOG



INSIDE THERMINOL UNIT COILS

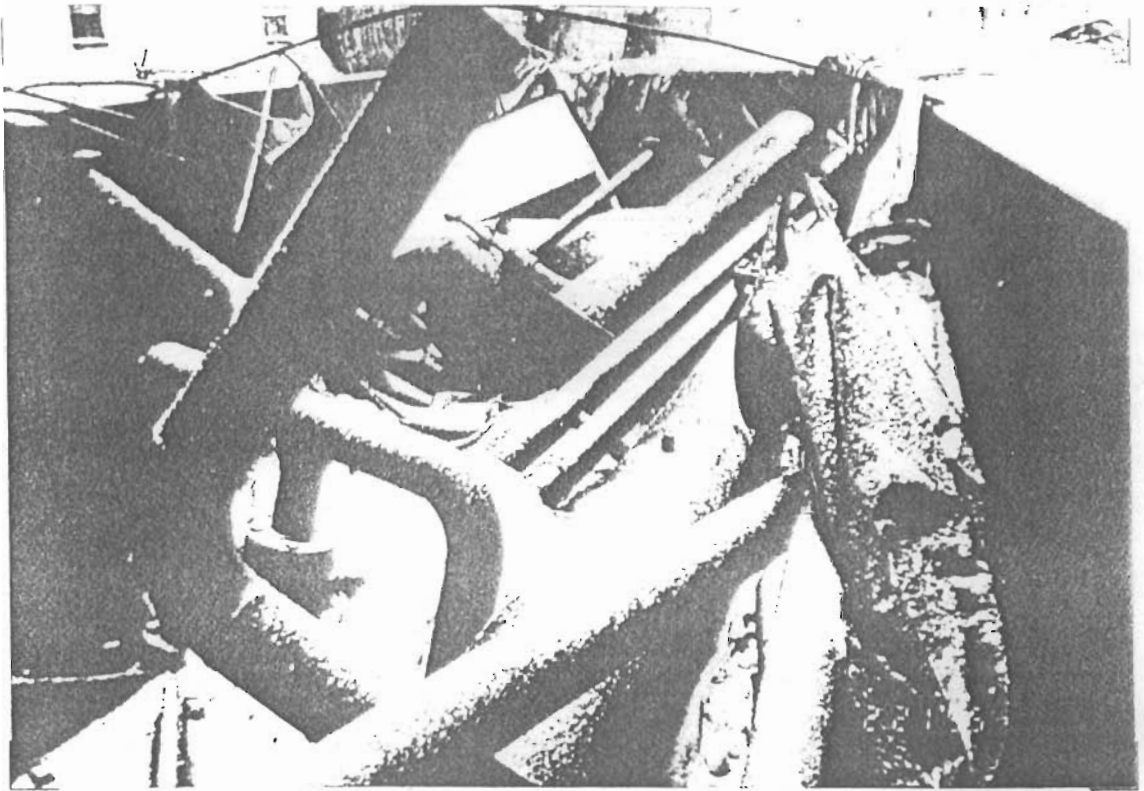


END REMOVED FROM THERMINOL UNIT
TO REMOVE COIL ASSEMBLY

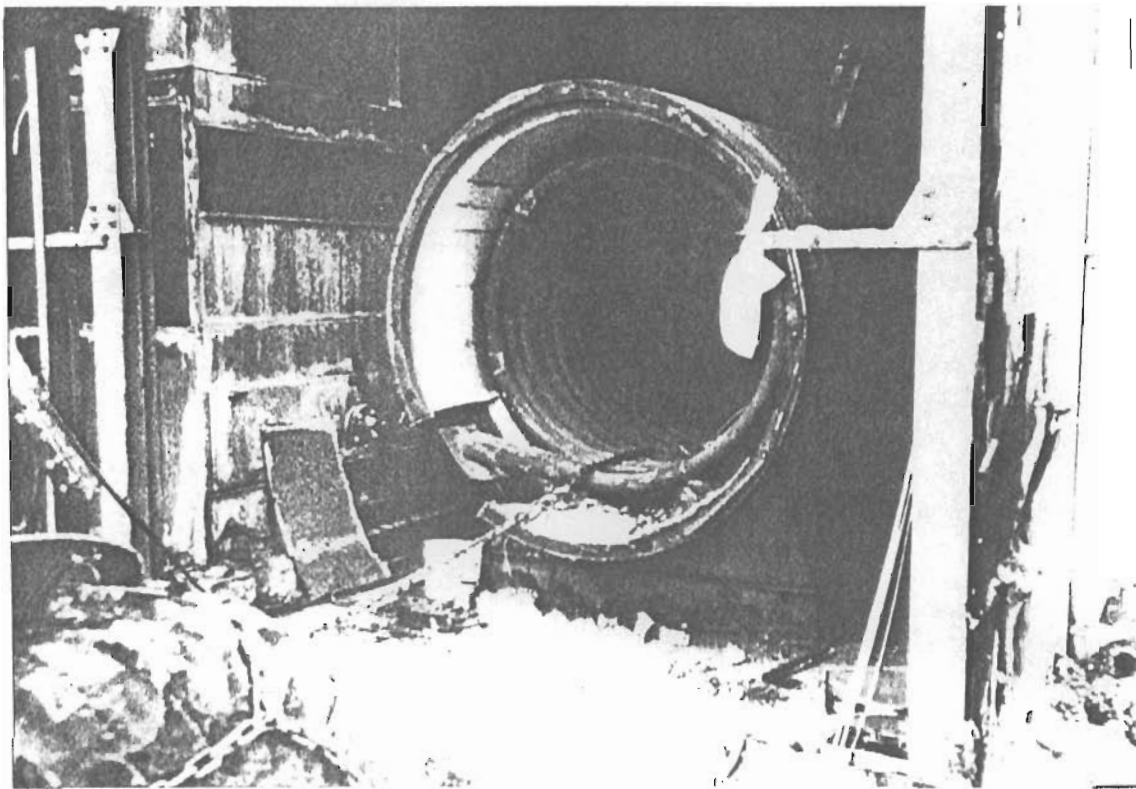
photo log page 1

THERMINOL UNIT DECOMMISSIONING
SPAULDING COMPOSITES CO.
Tonawanda, New York

CRA



ASSOCIATED PIPE AND TANKS
FROM THERMINOL BUILDING

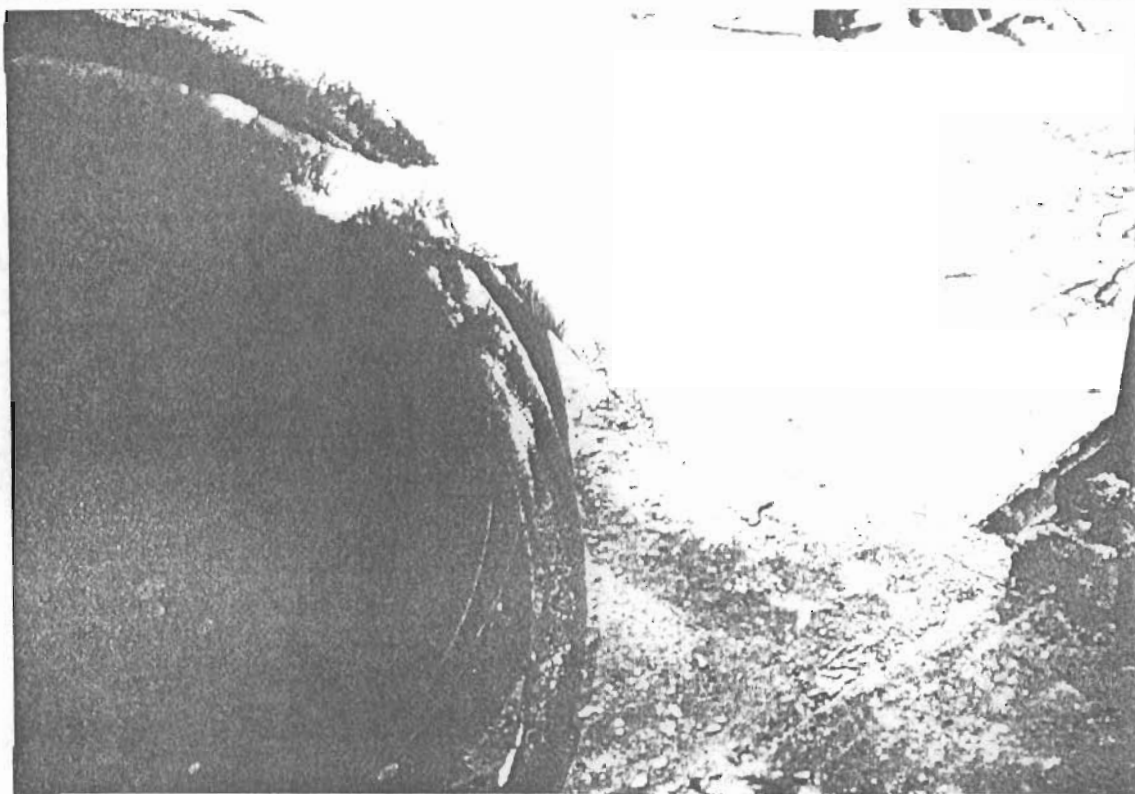


REMOVAL OF THE COIL ASSEMBLY
FROM THE THERMINOL UNIT

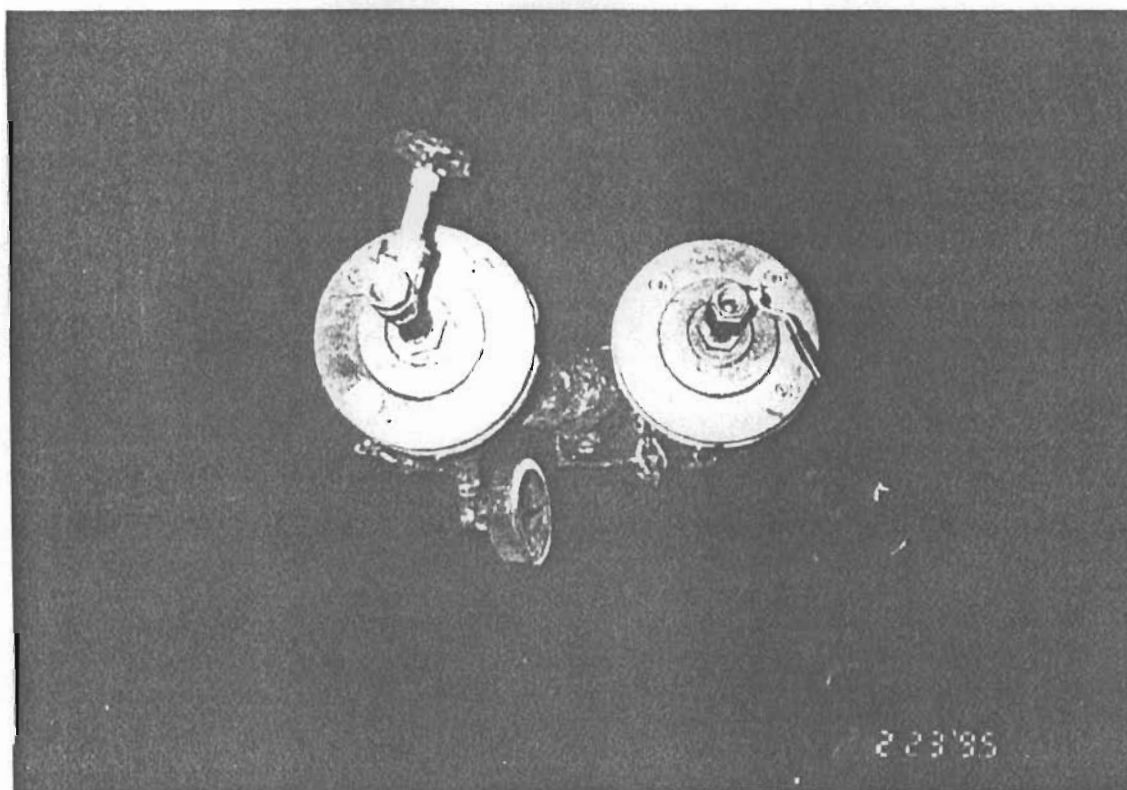
photo log page 2

THERMINOL UNIT DECOMMISSIONING
SPAULDING COMPOSITES CO.
Tonawanda, New York

CRA



THE COIL ASSEMBLY AFTER REMOVAL
WITH WOOD PLUGS IN MANIFOLD END

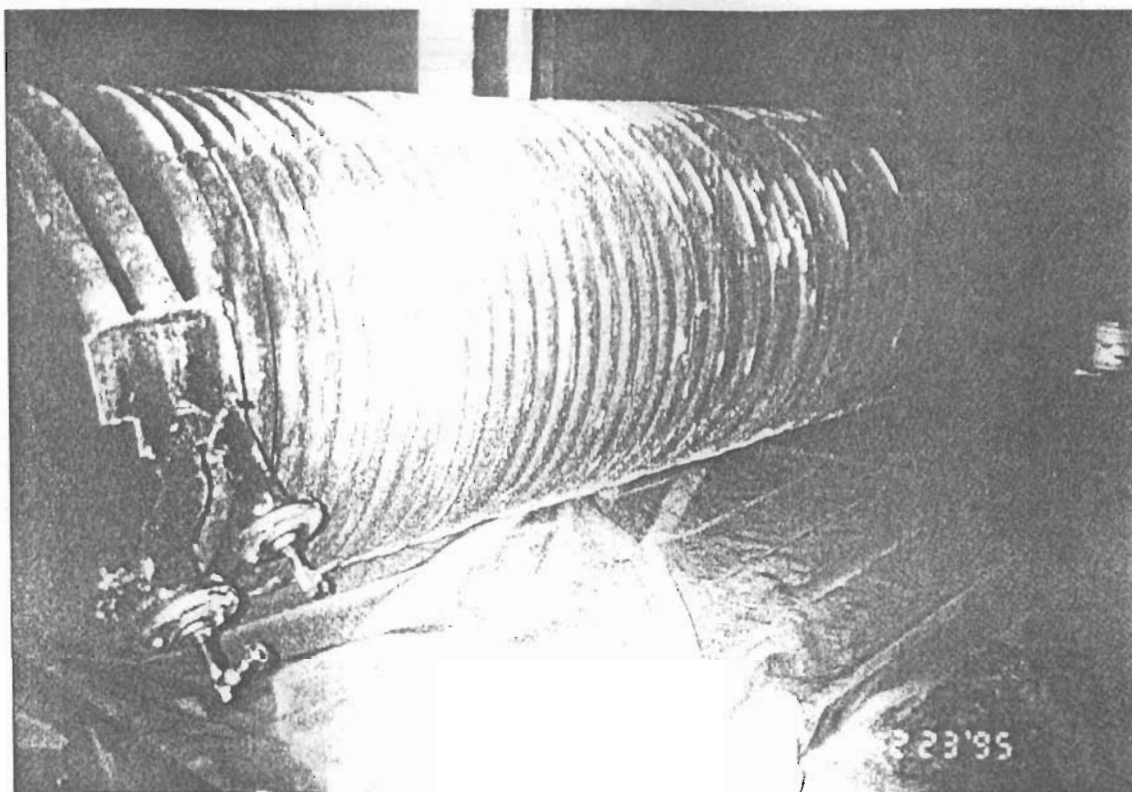


COIL AFTER REMOVAL WITH FLANGES
AND VALVES FOR DRAINING

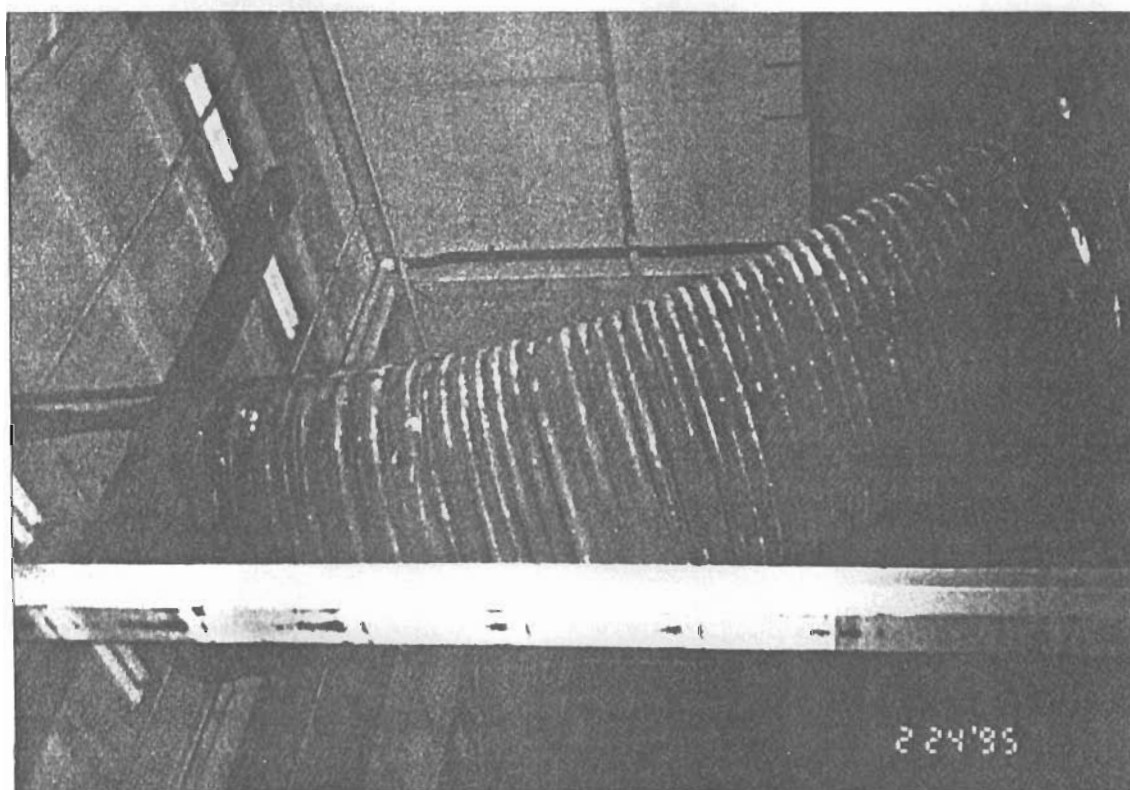
photo log page 3

THERMINOL UNIT DECOMMISSIONING
SPAULDING COMPOSITES CO.
Tonawanda, New York

CRA



COIL ASSEMBLY IN B STAGE
ROOM PRIOR TO RIGGING

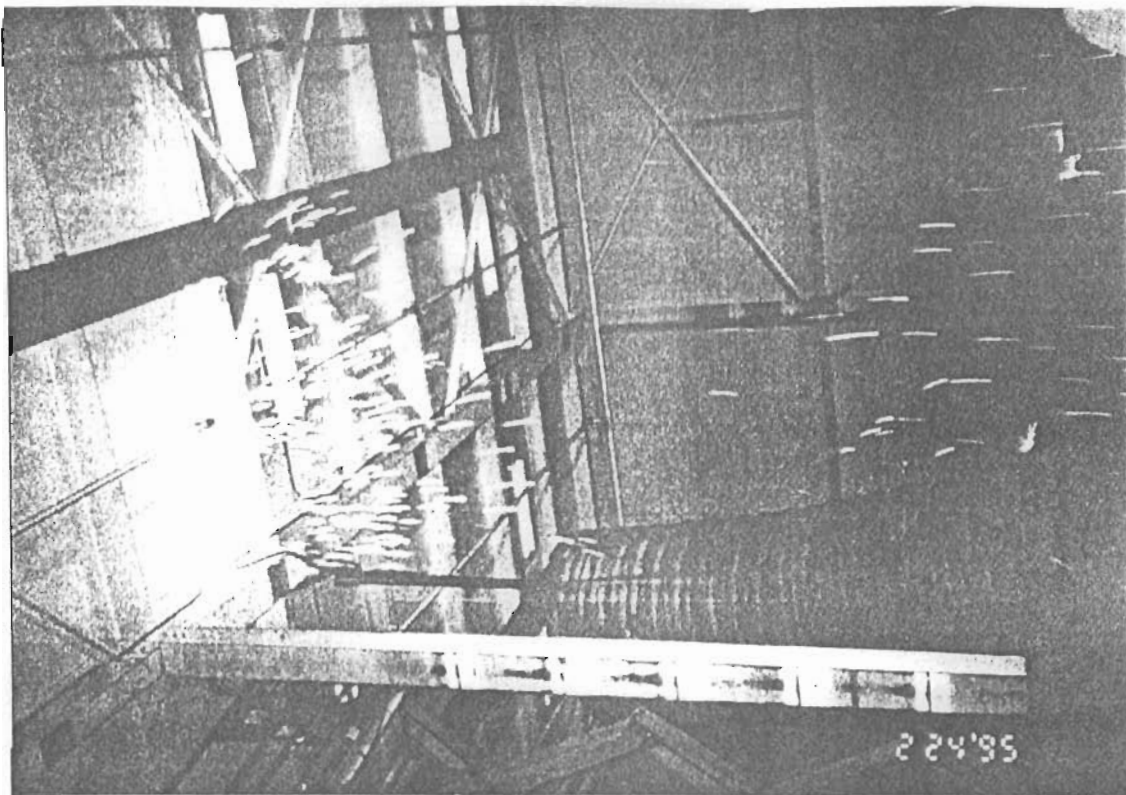


COIL BEING RIGGED FOR DRAINING

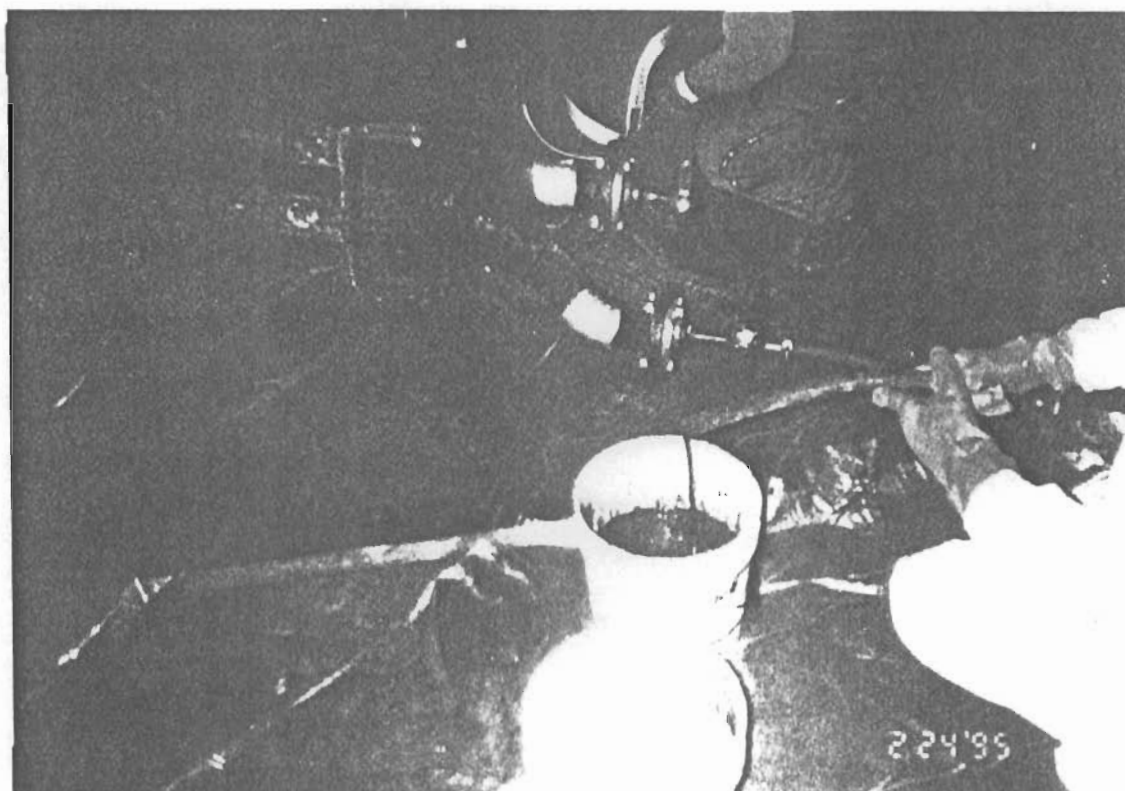
photo log page 4

THERMINOL UNIT DECOMMISSIONING
SPAULDING COMPOSITES CO.
Tonawanda, New York

CRA



COIL SUSPENDED FOR INITIAL DRAINING

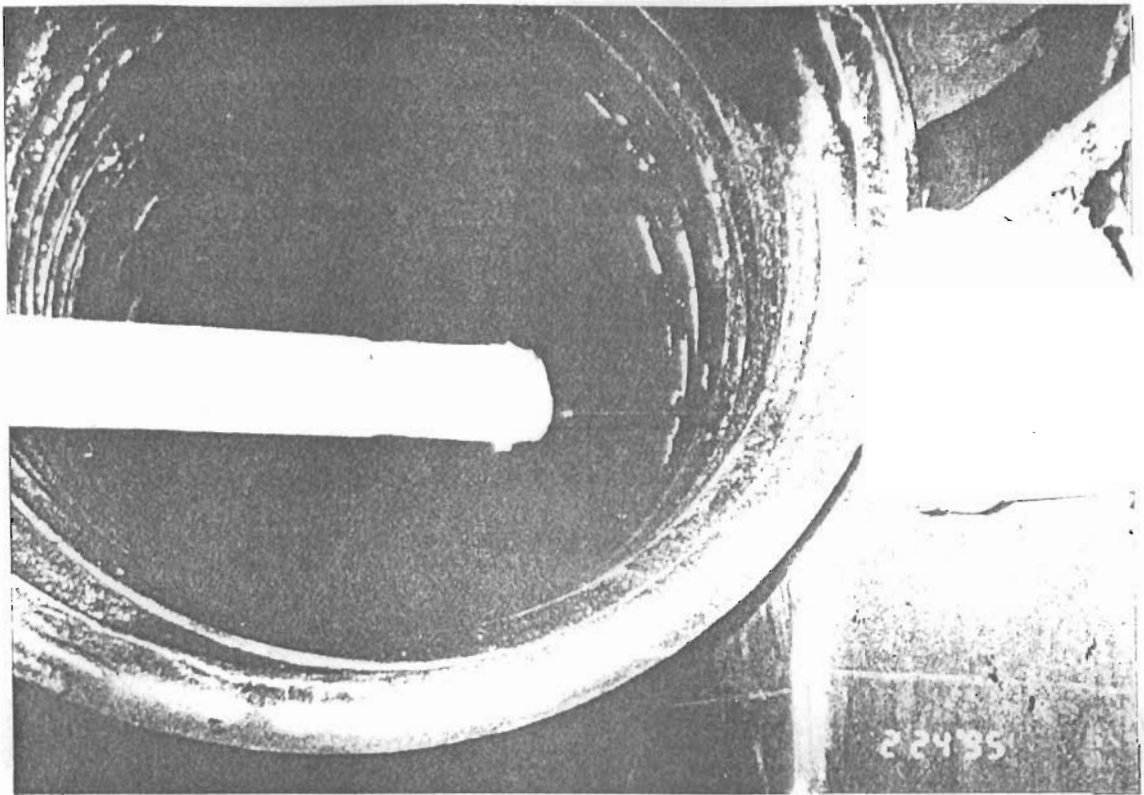


INITIAL DRAINING OF THERMINOL LIQUID
FROM COIL WHILE SUSPENDED

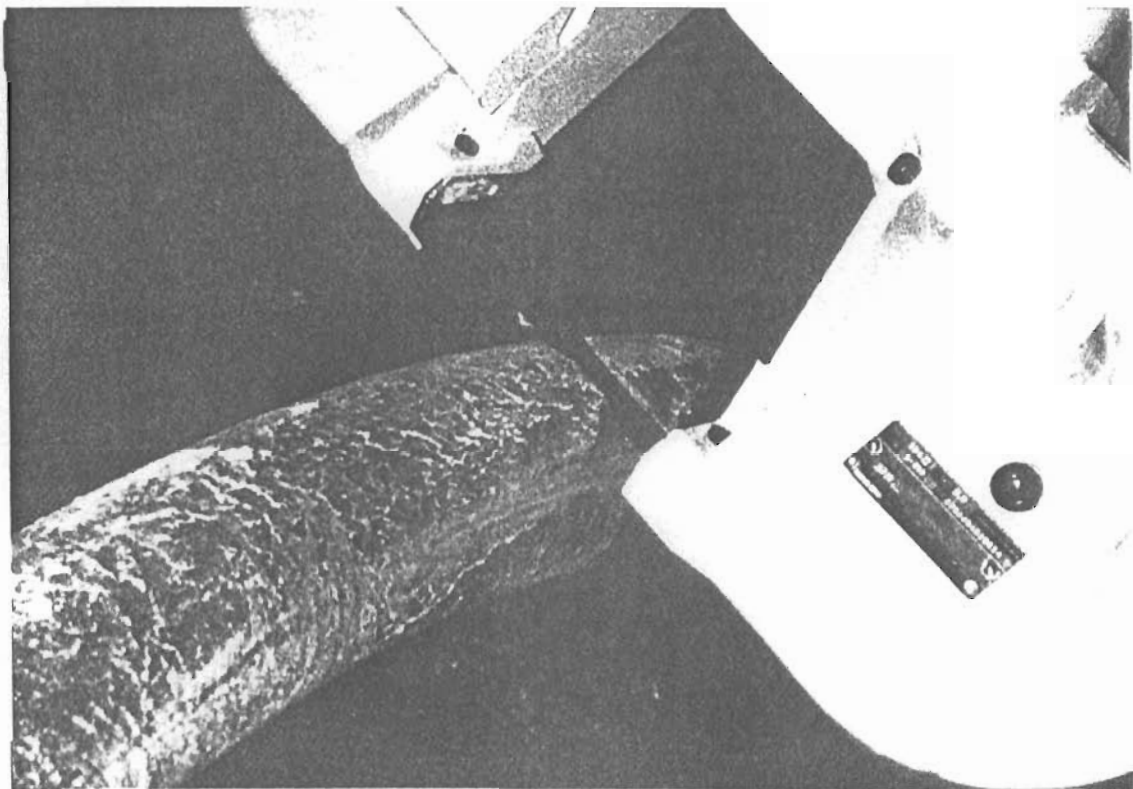
photo log page 5

THERMINOL UNIT DECOMMISSIONING
SPAULDING COMPOSITES CO.
Tonawanda, New York

CRA



COIL ON FLOOR FOR FINAL
CUTTING AND DRAINING



CUTTING OF COIL

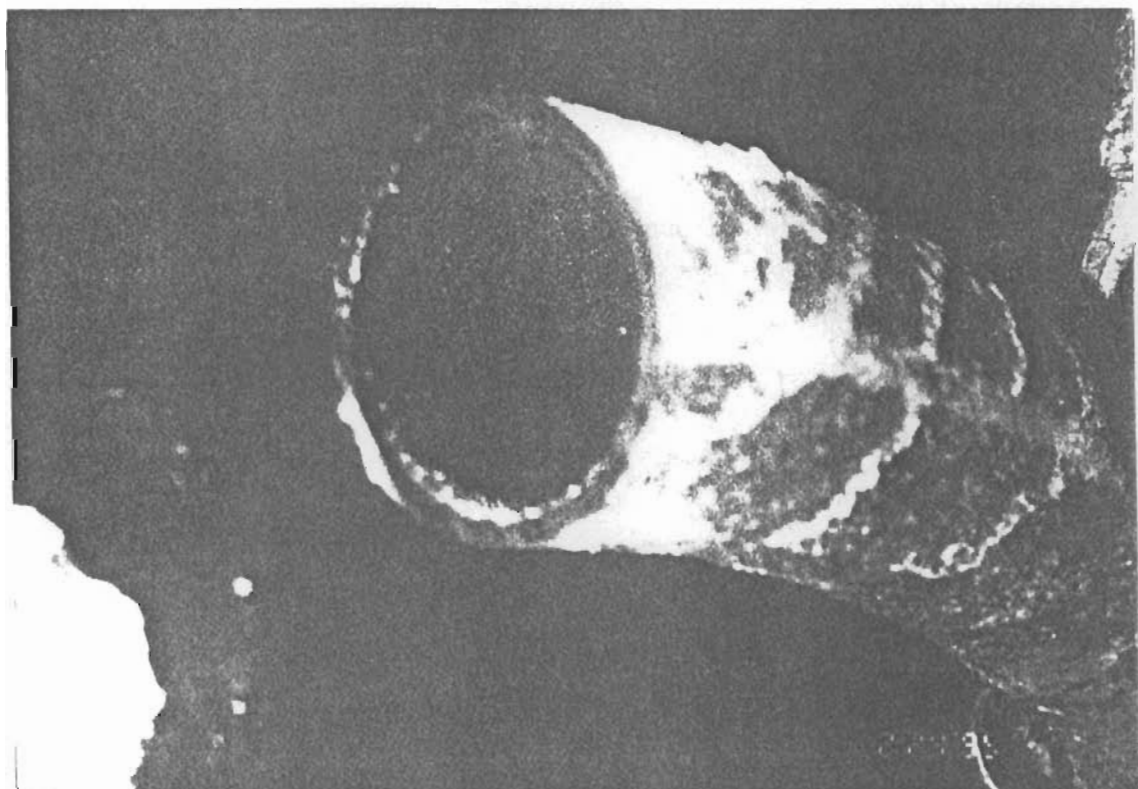
photo log page 6

THERMINOL UNIT DECOMMISSIONING
SPAULDING COMPOSITES CO.
Tonawanda, New York

CRA



TRANSFER OF OIL TO DRUMS
FOR DISPOSAL

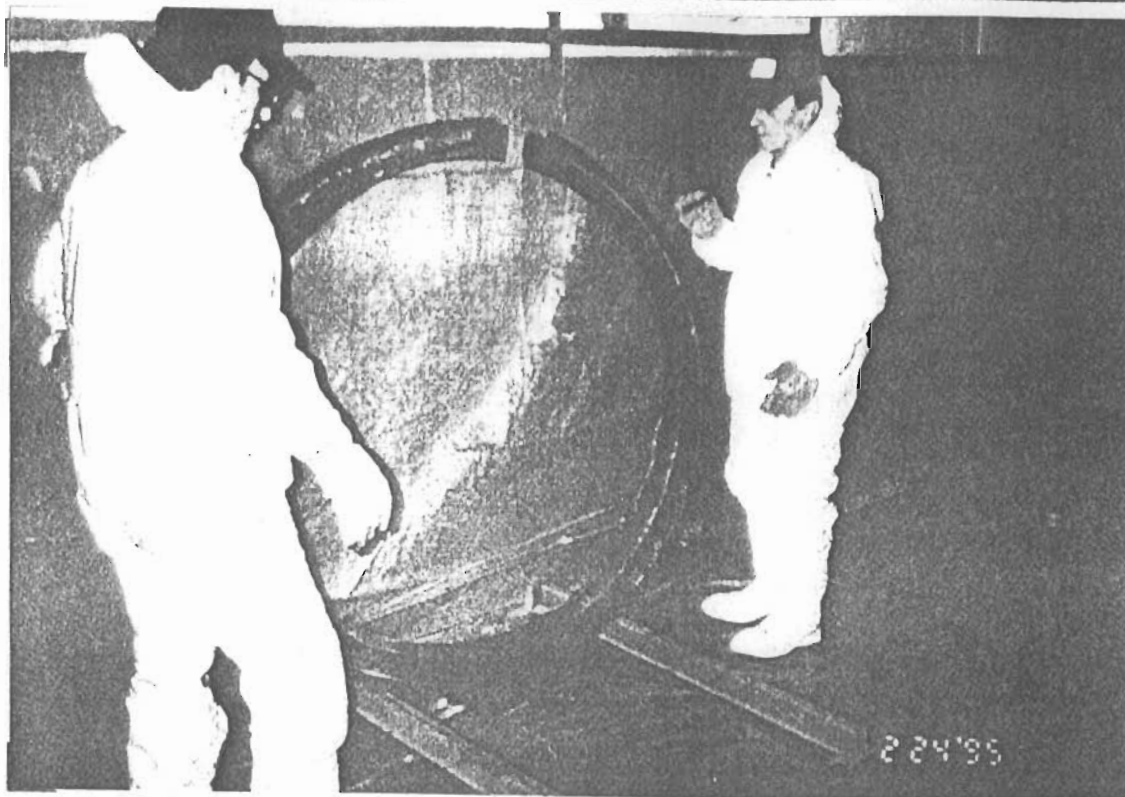


CUT COIL UPPER SECTION

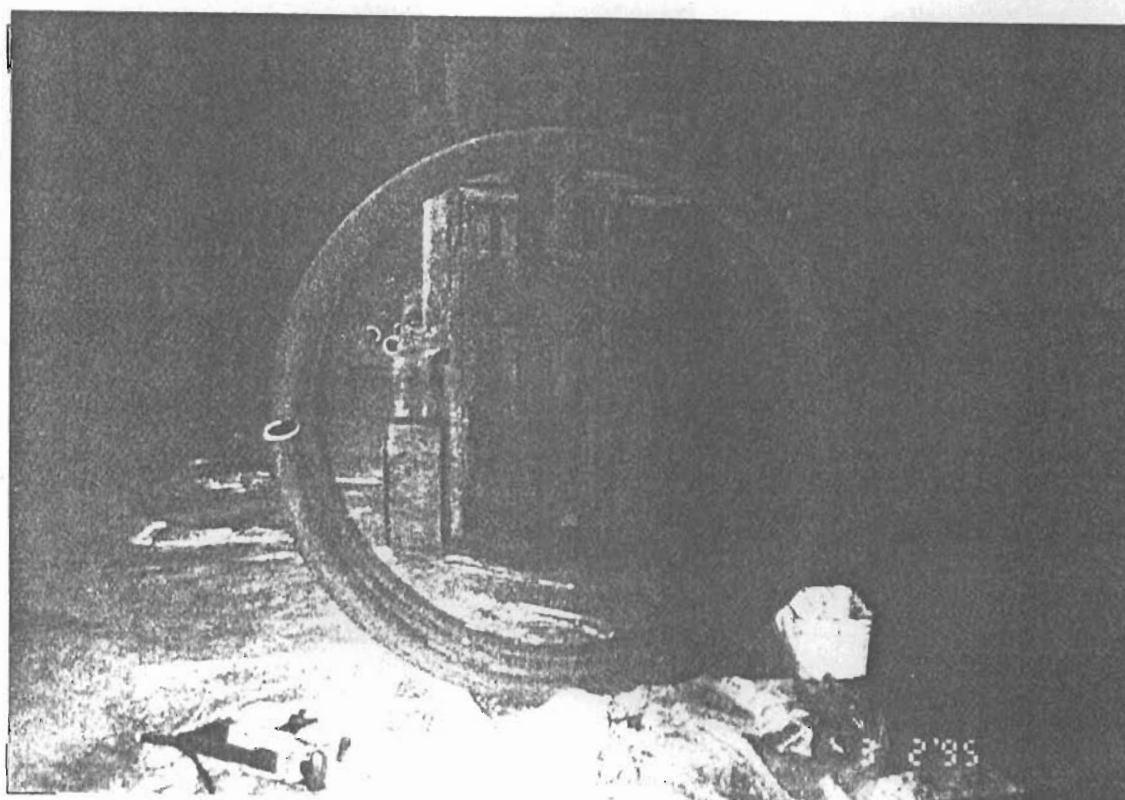
photo log page 7

THERMINOL UNIT DECOMMISSIONING
SPAULDING COMPOSITES CO.
Tonawanda, New York

CRA



STAGGED CUT COIL SECTIONS PRIOR
TO FINAL DRAINING AND CUTTING

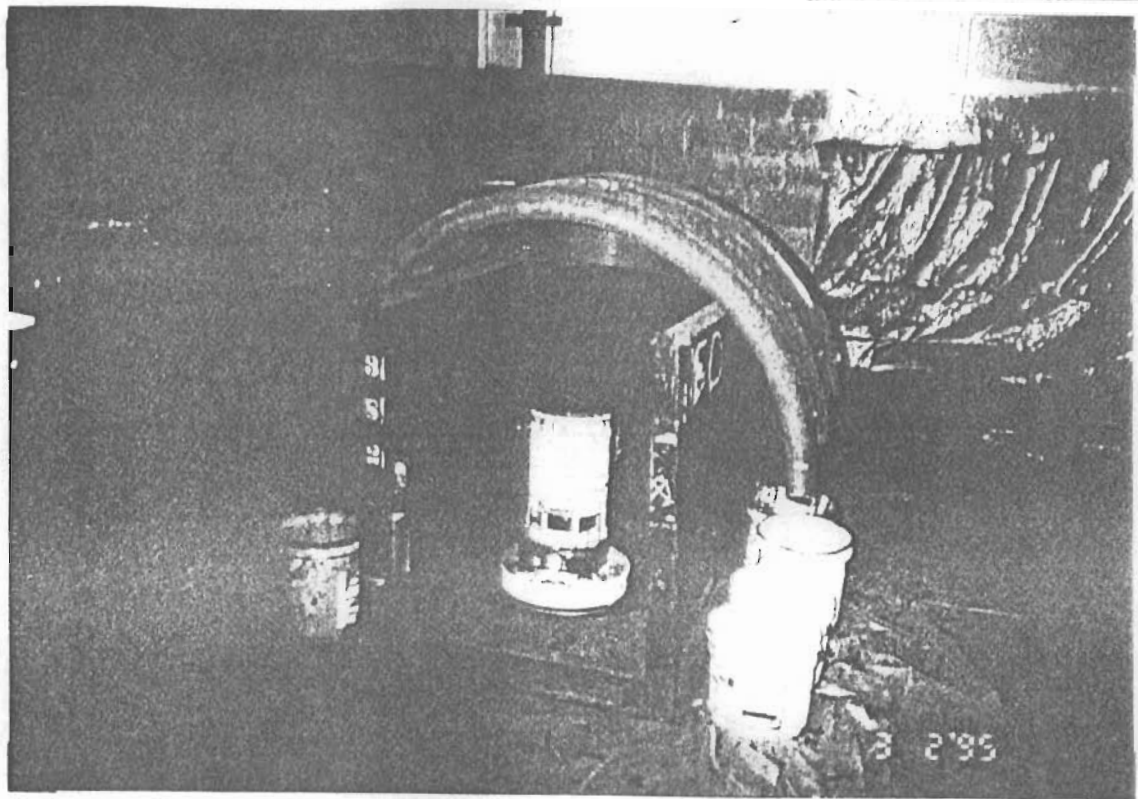


LAST OF COIL ASSEMBLY
PRIOR TO CUTTING

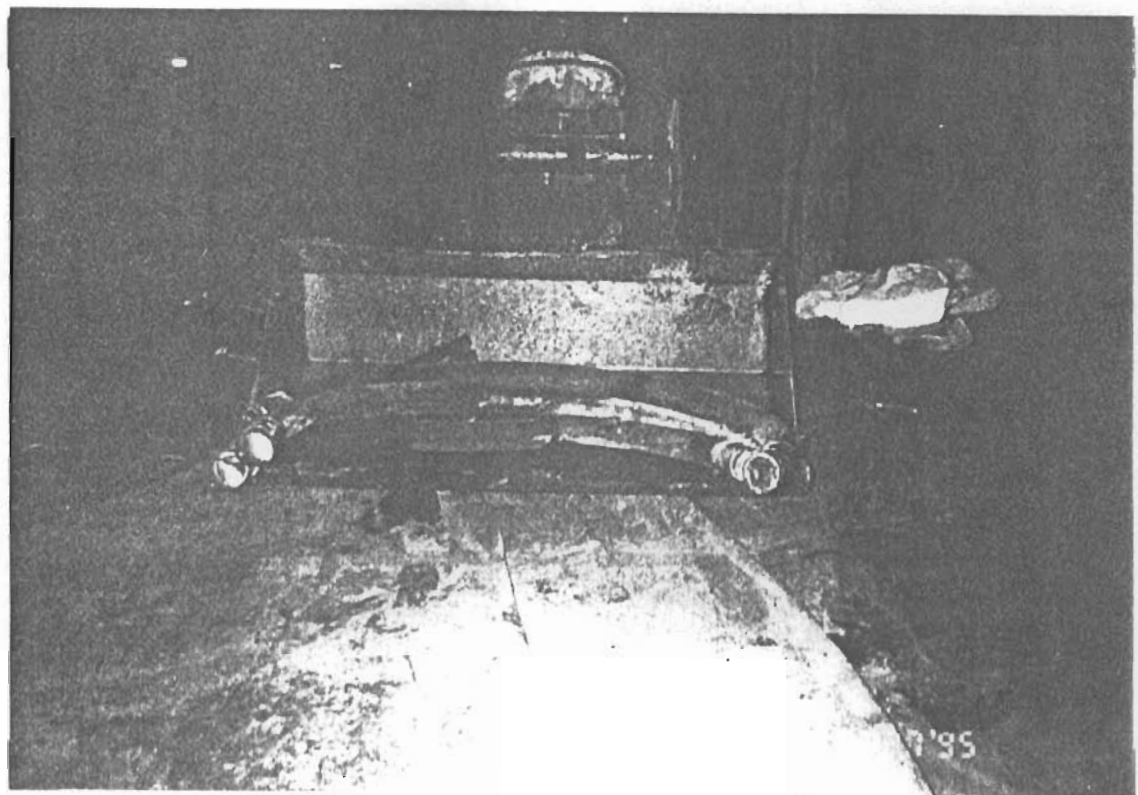
photo log page 8

THERMINOL UNIT DECOMMISSIONING
SPAULDING COMPOSITES CO.
Tonawanda, New York

CRA



CUT COIL SECTIONS FINAL DRAINING

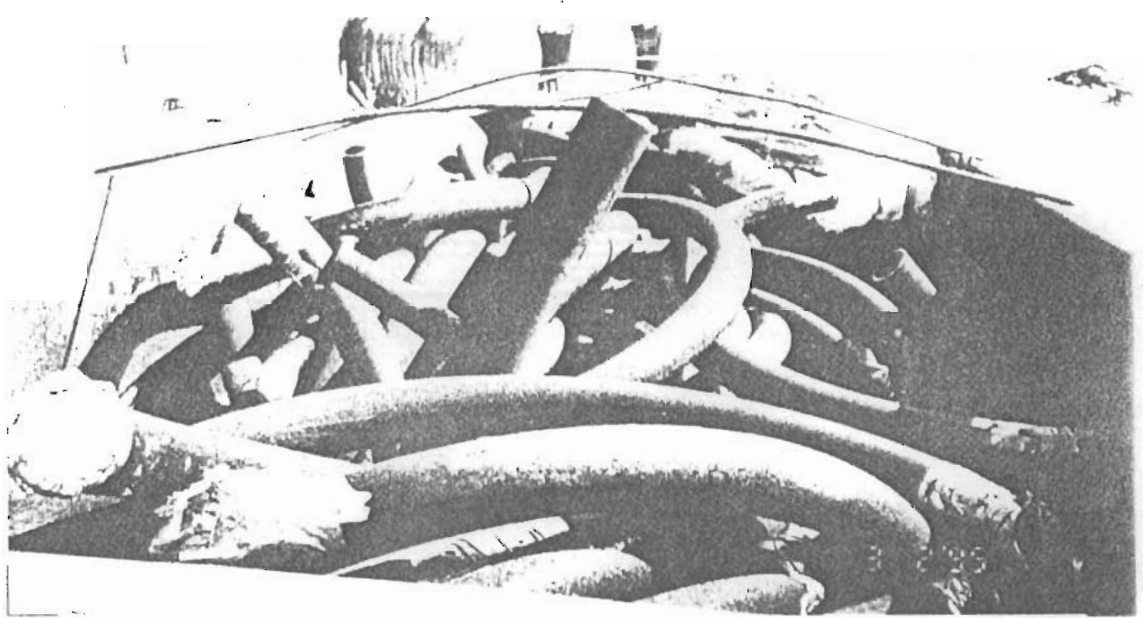


COIL SECTION DRAINED AND
READY FOR DISPOSAL

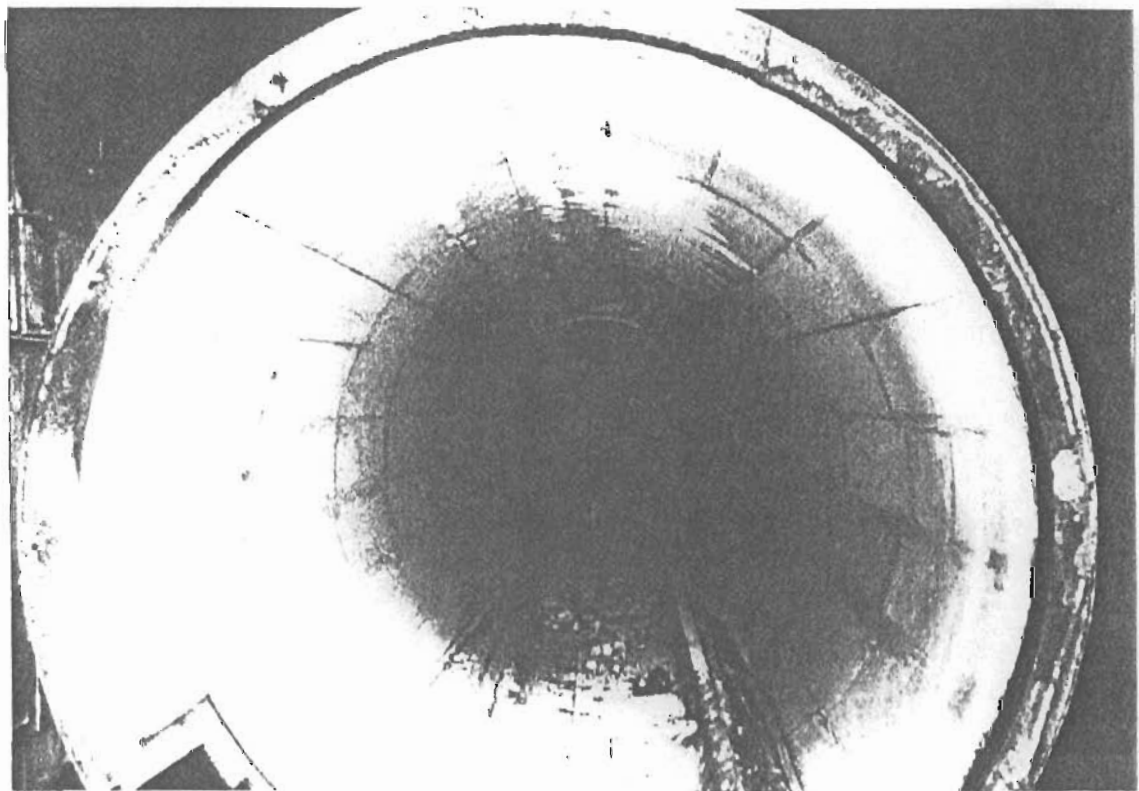
photo log page 9

THERMINOL UNIT DECOMMISSIONING
SPAULDING COMPOSITES CO.
Tonawanda, New York

CRA



ROLL OFF WITH DRAINED CUT
COILS READY FOR DISPOSAL



INSIDE OF THE THERMINOL
UNIT AFTER COIL REMOVAL

photo log page 10

THERMINOL UNIT DECOMMISSIONING
SPAULDING COMPOSITES CO.
Tonawanda, New York

CRA

ATTACHMENT B

HAZARDOUS WASTE DISPOSAL MANIFESTS

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 126, Albany, New York 12212

File in this type: Do not staple

File in this type: Do not staple

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's Name and Address
NY P 0 0 2 1 0 9 9 0 4 T S 0 1 0

2. Page 1 of 1
Information is not required by Federal Law

3. Generator's Name and Mailing Address
**SPALDING COMPOSITES CO #30625
110 WHEELER STREET
TOHAWANDA NY 14151**
4. Generator's Phone (**716 692-2000**)

A. State Manifest Document No.
NY B 7009416

B. Generator's ID
SAFE

5. Transporter 1 (Company Name)
CHEMICAL WASTE MANAGEMENT, INC.

6. US EPA ID Number
1 E P 0 9 9 2 0 2 6 8

C. State Transporter's ID
NY 864322

D. Transporter's Phone (**716 879-0600**)

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ()

9. Designated Facility (Name and Site Address)

10. US EPA ID Number

G. State Facility's ID

**CWM CHEMICAL SERVICES, INC.
1550 BALMER RD.
ROSELAND CITY NY 14107**

NY 0 0 4 9 0 3 6 6 7 9 (**716 754-8231**)

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

12. Containers	13. Total Quantity	14. Unit	15. Waste No.
No.	Type	Wt/Vol	EPA
001	CM	11000 K	STATE 0007
			EPA
			STATE
			EPA
			STATE
			EPA
			STATE

PG POLYCHLORINATED BIPHENYLS, MIXTURE, 9, UN2315, 11

J. Additional Descriptions for Materials listed Above

K. Handling Codes for Wastes Listed Above

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z

L. Special Handling Instructions and Additional Information

**CWM Emergency Response Information (800) 765-8713
PROF ILE BL 1306
ACCUMULATION START DATE: 1/31/95**

EWI #31

S.R.# 195501

M. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, instructions and requirements.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR if I am a small quantity generator I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Signature: **R. J. SCHULTE** Date: **02/17/95**

17. Transporter 1 (Acknowledge Receipt of Receipt of Materials)

Printed/Typed Name: **Dennis J. Hoover** Signature: **Dennis Hoover** Mo. Day Year: **02/17/95**

18. Transporter 2 (Acknowledge Receipt of Receipt of Materials)

Printed/Typed Name: Signature: Mo. Day Year:

19. Discrepancy Indication (Signatures) **int. wt. gta. received per B. Fisher**

5416K

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: **EILEEN CARTER** Signature: **Eileen Carter** Mo. Day Year: **02/15/95**

**CWM Chemical Services, Inc.**

Northeast Region
1550 Balmer Road
P.O. Box 200
Model City, New York 14107-8200
716/754-8231

SPAULDING COMPOSITES CO
ATTN: MANIFEST SECTION
NYD002104404
310 WHEELER ST
TONAWANDA NY 14150-3827

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from SPAULDING COMPOSITES CO on 02/17/95 as described on Hazardous Waste Manifest number NYB7009416 Sequence number 01. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: BL1306
CWM Tracking ID: 8142560001
CWM Unit #: 1*0
Disposal Date: 02/17/95

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 34785
02/21/95



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12320, Albany, New York 12212

Please print or type. Do not staple.

01WH

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA No. **NY D002100004** Manifest Document No. **11714**

2. Page 1 of 1 Information on this sheet is not required by Federal Law

3. Generator's Name and Mailing Address
SPAULDING COMPOSITES CO #30625
110 WHEELER STREET
TONAWANDA NY 14151
4. Generator's Phone (**716 692-2000**

A. State Manifest Document No.
NY B 7011738

B. Generator's ID
SAME

5. Transporter 1 (Company Name)
CHEMICAL WASTE MANAGEMENT, INC.

6. US EPA ID Number
11 D09920208

C. State Transporter's ID **NY 864322**

D. Transporter's Phone (**716 879-0600**

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ()

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, INC.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number
NY D049836079

G. State Facility's ID

H. Facility's Phone
(716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers
No. Type
13. Total Quantity
14. Unit
15. Waste No.
16. EPA

PQ POLYCHLORINATED BIPHENYLS, MIXTURE, 9, UN2315, 11

EST.
001CM05500K

STATE
NY
EPA

STATE

EPA

STATE

EPA

STATE

Additional Description for Materials listed Above

K. Handling Codes for Waste (See Appendix)

a ☒ b ☐ c ☐ d ☐

18. Special Handling Instructions and Additional Information

CWM Emergency Response Information (800)765-8713
PROFILE BL1306
ACCUMULATION START DATE: 2/20/95

ERG #31

S.R.# **19933-12**

81125970

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name, hazard class, quantity, and are in all respects in proper condition for transport in accordance with applicable federal, state and local regulations and state laws and regulations.

I have a waste management program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. Or if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **THOMAS** Signature **THOMAS** Mo. Day Year **12 3 95**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name **WILLIAM DEAN** Signature **WILLIAM DEAN** Mo. Day Year **12 3 95**

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name Signature Mo. Day Year

19. Discrepancy In Receipts Space

Actual Qty Recd 5135K

20. Facility Owner (Acceptance or Receipt of hazardous materials shown by this manifest except as noted in item 19)

Printed/Typed Name **EILEEN CARTER** Signature **Eileen Carter**

NY B 7011738



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Model City, New York 14107-0200
716/754-8231

SPAULDING COMPOSITES CO
ATTN: MANIFEST SECTION
NYD002104404
310 WHEELER ST
TONAWANDA NY 14150-3827

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from SPAULDING COMPOSITES CO on 03/07/95 as described on Hazardous Waste Manifest number NYB7011738 Sequence number 01. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: BL1306
CWM Tracking ID: 8142597001
CWM Unit #: 1*0
Disposal Date: 03/07/95

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 35171
03/08/95

