

ROY F. WESTON, INC.



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**REMOVAL PROGRAM
AFTER ACTION REPORT
FOR THE
MOHAWK TANNERY SITE
NASHUA, HILLSBOROUGH COUNTY, NEW HAMPSHIRE
2 OCTOBER 2000 THROUGH 26 JANUARY 2001**

Prepared For:

U.S. Environmental Protection Agency
Region I
Emergency Planning and Response Branch
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

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1.0 INTRODUCTION

The following report, entitled *Removal Program After Action Report for the Mohawk Tannery Site, Nashua, Hillsborough County, New Hampshire, 2 October 2000 through 26 January 2001*, is a chronological summary of the response actions taken by the U.S. Environmental Protection Agency (EPA), Region I, Emergency Planning and Response Branch (EPRB). The report details the situation as it developed, actions taken, and resources committed.

Site activities included establishing an Exclusion Zone (EZ), Contamination Reduction Zone (CRZ), and Clean Zone (CZ); removing suspected asbestos-containing material (ACM) from pipes and machinery; collecting samples and hazardous categorizing small containers and drums; collecting aqueous and sludge samples from the clarifier tank to determine waste characteristics; removing aqueous and sludge materials from the clarifier for disposal at an EPA-approved facility; removing, decontaminating, and dismantling a 10,000-gallon aboveground storage tank (AST) that contained caustic liquids; staging of gas cylinders, drums, and small containers; laboratory packing and disposing laboratory chemicals; transportation and disposing gas cylinders, drums, and hazardous and non-hazardous waste to EPA-approved facilities.

2.0 SITE CONDITIONS AND BACKGROUND

2.1 Site Location and Description

The Mohawk Tannery Site (the site) is located at 11 Warsaw Avenue, Nashua, Hillsborough County, New Hampshire [see Appendix A - Site Location Map (Figure 1)]. The site is approximately 32.8 acres and is bordered to the north by commercial property (Fimbel Door Company), to the east by Warsaw Avenue and residential property, to the south by residential property, and to the west by the Nashua River [see Appendix B - Site Diagram (Figure 2)]. The site was previously known as Granite State Leathers and produced tanned leather hides between 1924 and 1984.

2.2 Site History/Previous Actions

Between 1924 and 1974, the tannery produced an alkaline wastestream of approximately 50,000 gallons per day (gpd) and an acid wastestream of approximately 100,000 gpd that contained chromium, hide "pickling" wastes, and re-tanning materials. The acid and alkaline wastestreams were discharged into on-site lagoons.

A wastewater treatment plant (WWTP) that consisted of five settling basins, also known as the wastewater clarifier, was constructed on or near a disposal lagoon and began to treat effluent in 1981. A component of the system known as the primary clarifier received neutralized waters from the acid and alkaline wastestreams prior to discharge to a lagoon.

In 1980 and 1984, 100 gallons and 1,282 gallons, respectively, of sodium hydrosulfate were reportedly spilled from the 10,000-gallon AST located east of the main building. Analyses of soils affected by the release indicated pH readings of 10.7.

In 1985, a Comprehensive Phase II Study by Goldberg-Zoino Associates (GZA) indicated elevated levels of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and toxic metals in sludge wastes collected from the property. Elevated levels of methylene chloride, tetrachloroethylene, toluene, acetone, 2,4,6-trichlorophenol, pentachlorophenol, chromium, barium, lead, arsenic, selenium, mercury, and silver were reported. In addition, numerous test boring explorations, studies, and investigations were conducted by property owner hired firms, the State of New Hampshire, and EPA.

A letter from NHDES - Waste Management Division dated 8 February 1999, indicated that no remedial activities had been conducted at the site. Some of the structures on the site were demolished but the debris had not been removed. Several businesses were reported to be operating on the site in violation of local zoning ordinances and some debris had been disposed of on the property.

In August 1999, EPA and Roy F. Weston, Inc., Superfund Technical Assessment and Response Team (START) conducted a preliminary assessment/site investigation (PA/SI) to evaluate site conditions. A fire had occurred (date unknown) in the southeastern portion of the main building, partially collapsing the roof. Suspected ACM was observed in the debris and on pipes in this area. An area towards the center of the main building contained approximately 60 small containers of unknown materials and drums were noted outside of the main building in various locations. Tasks conducted during the PA/SI included inspecting and sampling of the clarifier, the 10,000-gallon AST, a series of drums, and suspected ACM within the main building. START determined that the AST contained approximately 500-gallons of caustic liquid with a pH level of 10. Laboratory analysis indicated levels of chromium (2,150 ppm) and pentachlorophenol (17 ppm) in the clarifier samples; of xylenes (19,000 ppm), styrene (2,400 ppm), barium [10 parts per billion (ppb)], chloromethane (160 ppb), bis (2-ethylhexyl) phthalate (1,200 ppb), and lead (64 ppb) in the drum samples; and asbestos content up to 35 % in the suspected ACM samples.

3.0 SUMMARY OF FEDERAL RESPONSE ACTIONS

3.1 Organization of the Response

ORGANIZATION OF THE RESPONSE		
Organization	Representatives	Responsibilities
U.S. Environmental Protection Agency (EPA) Emergency Planning and Response Branch (EPRB) One Congress Street, Suite 1100 Boston, MA 02114-2023 (617) 918-1255	Gilberto Irizarry	EPA On-Scene Coordinator (OSC) responsible for the initiation, oversight, and completion of all removal activities. The OSC provided project updates for neighboring residents and reporters, and coordinated with State and local officials.
Roy F. Weston, Inc., Superfund Technical Assessment and Response Team (START) 37 Upton Drive Wilmington, MA 01887 (978) 657-5400	Jeremy Picard Eric Ackerman Patrick Boska	Provided the OSC with technical assistance, sampling and analytical support, site documentation, site safety, and draft and final report preparation.

ORGANIZATION OF THE RESPONSE		
Organization	Representatives	Responsibilities
IT Corporation (IT) Emergency Rapid Response Services (ERRS) 88C Elm Street Hopkinton, MA 01748-1656 (508) 435-9561	Peter Lutsic Gary Benham	Provided personnel and equipment, coordinated bids for subcontractors, and monitored the removal and disposal of hazardous and non-hazardous debris.
Marcor Environmental, Inc. 14 Jewel Drive Wilmington, MA 01887-3361 (978) 657-5445	Dan Marcor	ERRS subcontractor that performed the removal of asbestos-containing material (ACM) from site buildings.
Clean Venture/Cycle Chem (General Chemical) 133 Leland Street Framingham, MA 01702 (508) 872-5000	Dana Callahan Mike Haikola	ERRS subcontractor that performed transportation and disposal of drums and cylinders, and removed clarifier liquid and sludge from site.
Enpro Environmental Services, Inc. 12 Mullikan Way Newburyport, MA 01950 (800) 966-1102	Craig Larkin	ERRS subcontractor that performed transportation and disposal of laboratory packed chemicals from site.
Fleet Environmental Services, Inc. 59 Longwater Drive Norwell, MA 02061 (781) 982-7200	Brian House	ERRS subcontractor that performed transportation and disposal of liquid and sludge from the clarifier tank.

3.2 Chronology of Removal Activities

Week Ending 6 October 2000

On 2 October 2000, EPA On-Scene Coordinator (OSC) Gilberto Irizarry, START Site Leader (SL) Jeremy Picard, IT Corporation (IT) Emergency Rapid Response Services (ERRS) contract Response Manager (RM) Peter Lutsic, one Foreman (FM) and two Remediation Technicians (RT) mobilized to the site to initiate removal activities. ERRS procured a Command Post (CP) office trailer, storage trailer, office equipment, brush hogs, Caterpillar backhoe, power equipment, personal protective equipment (PPE), and assorted supplies.

A safety meeting was held to discuss the health and safety plan (HASP) for the site. The HASP was prepared by START personnel as a separate document, entitled *Health and Safety Plan for the Mohawk Tannery Removal Site, Nashua, Hillsborough County, New Hampshire*. For the duration of the removal, daily safety meetings were conducted prior to the initiation of site activities, and all personnel performing activities on site reviewed and signed the HASP.

Site activities included clearing debris and brush from work areas to allow safe access to drums; posting signs along the perimeter of lagoons; repairing and placing locks and chains on the perimeter chain-link fence gates; and placing temporary overhead lights in the Main Building. START

personnel photodocumented site activities for the duration of the removal action (see Appendix C - Photodocumentation Log).

Visitors to the site included the Nashua Police Department Hazardous Device Unit who mobilized to the site to remove black powder ammunition discovered in the Main Building during site activities, and IT Transportation and Disposal (T&D) Coordinator Gary Benham and IT Chemist Andy Schkuta who met the OSC to discuss the IT Sampling and Analysis Plan. In addition, EPA Remedial Project Manager (RPM) Neil Handler, NHDES representatives John Reagan and John Splendore, New Hampshire Department of Health and Human Services (NHDHHS) representative Dennis Pinski, and environmental consultants for the site owner, Mike Jordan of GeoSyntec Corporation (GeoSyntec), and Karl Touet of ERI, Inc., (ERI) visited the site and met with the OSC.

Week Ending 13 October 2000

The week's activities included investigating AST-2; a reconnaissance of the Tenant Area that resulted in the location of two additional ASTs (AST-3 and AST-4) and assorted laboratory chemical containers; and collecting and staging empty drums from the site to an area outside of the Main Building. The investigation of AST-2 was completed, and it was discovered to be empty. Throughout the investigation START conducted continuous air monitoring with no levels above background detected on air monitoring equipment.

During the week, Amendment No. 1 to the HASP was issued. The Amendment excluded the site lagoons from the Mohawk Tannery Removal HASP which allowed the property owner's contracted environmental consultants to collect core samples from the Lagoon Area.

The following personnel visited the site during the week and discussed activities with the OSC: Warren Kean, potentially responsible party (PRP), Neil Handler (EPA), Scott Clifford (EPA), Dan Granz (EPA), David Strzempko of Vertec Engineering (Vertec), Karl Touet (ERI), Michael Jordan (GeoSyntec), and John Splendore (NHDES).

Week Ending 20 October 2000

The week's activities included mailing a Request for Proposal to subcontractors for asbestos removal; establishing an EZ and CRZ for the clarifier building; collecting approximately 360 chemical containers that were staged by wastestream on polyethylene sheeting in the Main Building, and covering the containers with polyethylene sheeting to protect them from a leaking roof; and overpacking drums located in the Hide Room into 15 85-gallon steel overpack and two 95-gallon polyethylene overpack drums. One sample was collected from each drum and stored for use by the IT Chemist for hazard categorization assessment of the drums.

The following personnel visited the site and discussed activities with the OSC: EPA Health and Safety Officer (HSO) Bob Hinten and assistant Janice Quarles, and IT T&D Coordinator Gary Benham.

Week Ending 27 October 2000

The week's activities included overpacking drums that contained caustic solid into five 95-gallon polyethylene overpack drums, and packing of 25-pound bags of calcium hydrate into 1-cubic-yard boxes. Seven 1-cubic-yard boxes containing 15-17 bags per box were utilized.

The ERRS crew constructed a door frame and door for entry into the clarifier building and START and the RM collected sludge and water samples from the clarifier tank. The waste fluid was 6 feet deep with an estimated 6 inches of sludge on bottom. A site bid walk was conducted for asbestos removal and was attended by the following companies: Marcor Environmental (Marcor), Fleet Environmental (Fleet), EWT, D.L. King, and Dec-Tam.

Unger Electric inspected the circuit boxes and power lines to the Main Building and determined that there were live power lines connected to the Main Building. Public Service of New Hampshire (PSNH) was requested to disconnect these power lines.

The following personnel visited the site during the week: Neil Handler (EPA), Dan Granz (EPA), John Splendore (NHDES), Michael Jordan (GeoSyntec), Karl Touet (ERI), and Mike Buxton of the Nashua Fire Department (NFD).

Week Ending 3 November 2000

Amendment No. 2 to the HASP was issued to allow ERRS confined space entry (CSE) into AST-1 for decontamination. An estimated 490-gallons of caustic liquid was pumped from AST-1 into 10 55-gallon polyethylene drums with four additional 55-gallon polyethylene drums and one 55-gallon plastic lined steel drum used to contain decontamination water and waste debris. ERRS cleaned AST-1. START conducted continuous air monitoring during CSE activities with no levels above background observed on air monitoring equipment. The ERRS crew dismantled AST-1 using a partner saw and staged the debris beneath a polyethylene liner. While dismantling AST-1 a fill pipe from an underground storage tank (UST) was detected. The ERRS crew removed the fill cap the UST (UST-1). The tank depth was measured to be 8 feet and contained approximately 18-inches of suspected No. 2 fuel oil. START conducted continuous air monitoring during UST-1 investigation with a Combustible Gas Indicator/Oxygen (CGI/O₂) Meter, and noted a Lower Explosive Limit (LEL) of 10% and deficient O₂ in UST-1. The ERRS crew removed plywood and investigated the tumbler room area of the Main Building. Two 55-gallon fiber drums containing solid product, two empty 55-gallon steel drums, and six 5-gallon polyethylene buckets were discovered. The ERRS crew overpacked and transported the drums to the staging area. START conducted background perimeter air monitoring in preparation for asbestos removal activities. ERRS T&D Coordinator Benham conducted hazardous categorization assessment of drum samples.

Week Ending 10 November 2000

Marcor Environmental mobilized to the site to conduct asbestos removal activities in the Main Building. Air monitoring was conducted by START in the Main Building prior to asbestos removal activities, and at four pre-determined perimeter air monitoring locations during asbestos removal activities. At the completion of each day, samples were shipped for asbestos analysis to Galson Laboratories, located in East Syracuse, New York. On 7 November 2000, Marcor Environmental

completed asbestos removal activities. ACM removal activities were conducted in the Main Building area. Some suspected ACM, primarily non-friable, was observed in the area identified in Figure 2 as the “partially collapsed area”. Due to the structural instability of this section, the material was not accessible and therefore not removed.

Dennis Pinski of NHDHHS visited the site during the week.

28 November 2000

START SL Picard was replaced on site by START Project Leader (PL) Eric Ackerman. Enpro Environmental Services, Inc., (ENPRO) mobilized to the site for the transportation and disposal of laboratory packed small containers of laboratory chemicals from the site (see Appendix D - Mohawk Tannery Manifest Table). A total of 17 drums and containers were shipped for disposal.

29 November 2000

Clean Venture/Cycle Chem (General Chemical) mobilized to the site for the transportation and disposal of drums and 1-cubic-yard boxes to an EPA-approved disposal facility. General Chemical transported nine 1-cubic-yard boxes of solids, 21 drums of liquids, 20 empty 5-gallon pails, 11 empty 30-gallon drums, and 53 empty 55-gallon containers from the site.

7 December 2000

Clean Venture/Cycle Chem (General Chemical) mobilized to the site for the transportation and disposal of five 55-gallon drums of waste caustic alkali liquid, three 55-gallon drums of waste corrosive liquid, and 18 gas cylinders at an EPA-approved disposal facility. Remaining drums of oil-related product were staged adjacent to UST-1. OSC Irizarry informed NHDES of the staged location of the oil-related drums and UST-1. NHDES were scheduling the transportation and disposal of oil-related product.

8 December 2000

START SL Ackerman was on site and accompanied the following personnel on a tour of the site: Neal Handler (EPA), Patti Tyler (EPA), Ken Finkelstein [National Oceanographic and Atmospheric Administration (NOAA)], Ken Munney (U.S. Fish and Wildlife Service), John Splendore (NHDES), Angela Archer (NHDES), and Paul Currier (NHDES).

13 December 2000

Two 30-cubic yard rolloffs were shipped to Turnkey Landfill. One rolloff contained the dismantled remnants of AST-1, and one rolloff contained ACM debris removed from the Main Building.

27 December 2000

EPA OSC AmyJean Lussier was on site to monitor the removal of liquid and sludge wastes from the clarifier tank. Fleet mobilized to the site and pumped liquid and sludge from the clarifier tank into tanker trucks. A portable heater was used to heat the interior of the clarifier building and melt ice

that had formed on the surface of the clarifier. Removal of miscellaneous car and truck batteries from site was completed by the Nashua Fire Department.

Fleet provided five tanker trucks that transported a total of 22,400-gallons of liquid and sludge waste to the EPA-approved Turnkey Landfill (Turnkey) facility located in Rochester, New Hampshire.

28 December 2000

Fleet provided eight tanker trucks that transported a total of 32,512-gallons of liquid and sludge waste to the Turnkey facility.

29 December 2000

Fleet provided two tanker trucks that transported a total of 600 gallons of liquid and sludge waste to the Turnkey facility. The Fleet crew cleaned the clarifier and removed large metal debris from the empty clarifier tank. Equipment was removed and decontaminated and the clarifier building was secured to prevent entry following the completion of removal activities.

23 January 2001

OSC Irizarry was on site to ensure that all removal-related items were demobilized from site.

4.0 ESTIMATED COSTS OF THE REMOVAL ACTION

EPA resources committed under this Removal Action, conducted from 2 October 2000 to 26 January 2001, are summarized below:

Extramural Costs

Regional Allowance Costs	
ERRS Contractor	\$170,000
START	\$ 35,000
Subtotal, Extramural Costs	<u>\$205,000</u>

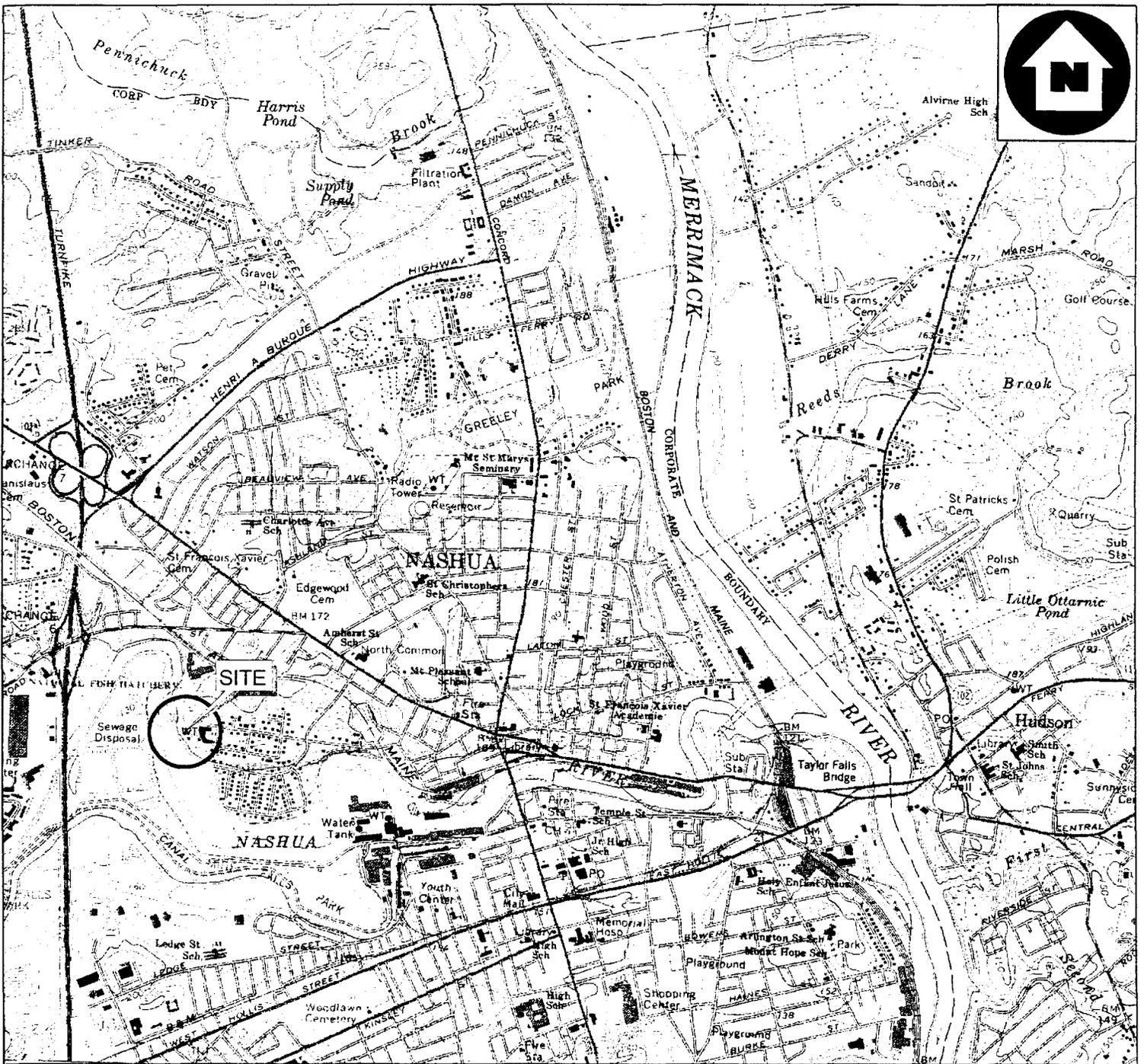
Intramural Costs

Total, Intramural Costs, Direct and Indirect	\$ 45,000
Total Removal Project Costs	\$250,000

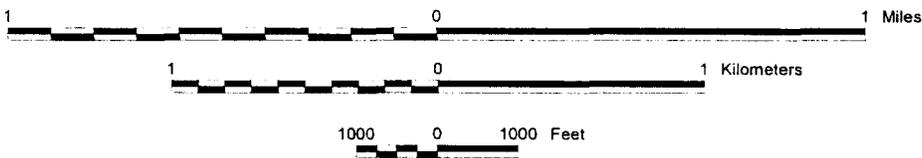
APPENDICES

Appendix A

Site Location Map (Figure 1)



BASE MAP IS A PORTION OF THE FOLLOWING 7.5 X 15' U.S.G.S. QUADRANGLE(S):
 NASHUA-NORTH, NH. 1968 REVISED 1985.



SITE LOCATION MAP

MOHAWK TANNERY SITE

**11 WARSAW AVENUE
 NASHUA, NEW HAMPSHIRE**

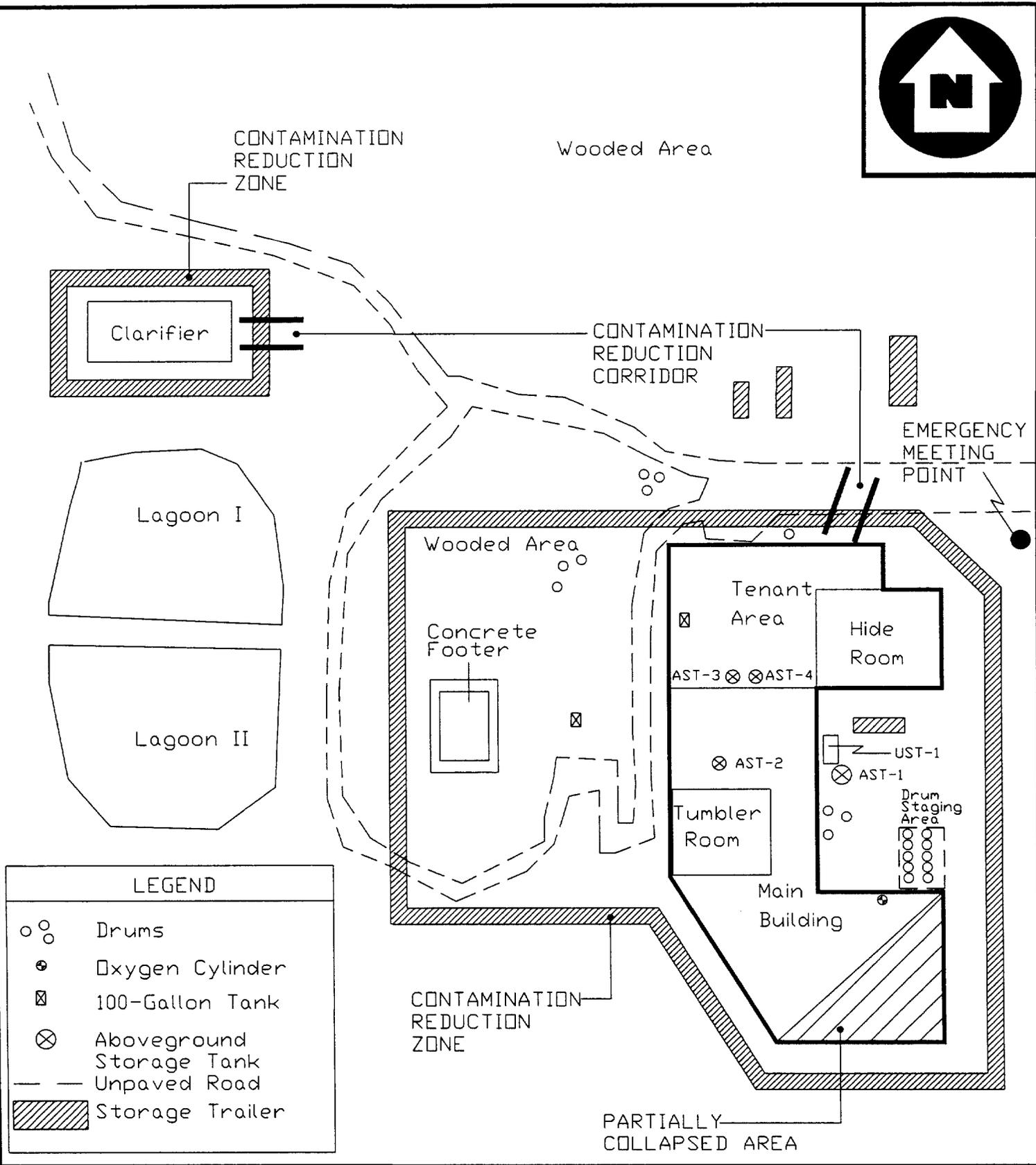


REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
00-09-0006	Edward J. Gilbert	09/11/2000
FILE NAME	FIGURE 1	
E:\ARC_APRS\MOHAWKTANNERY.APR		

Appendix B

Site Diagram (Figure 2)



SITE DIAGRAM

MOHAWK TANNERY SITE
 11 WARSAW AVENUE
 NASHUA, NEW HAMPSHIRE



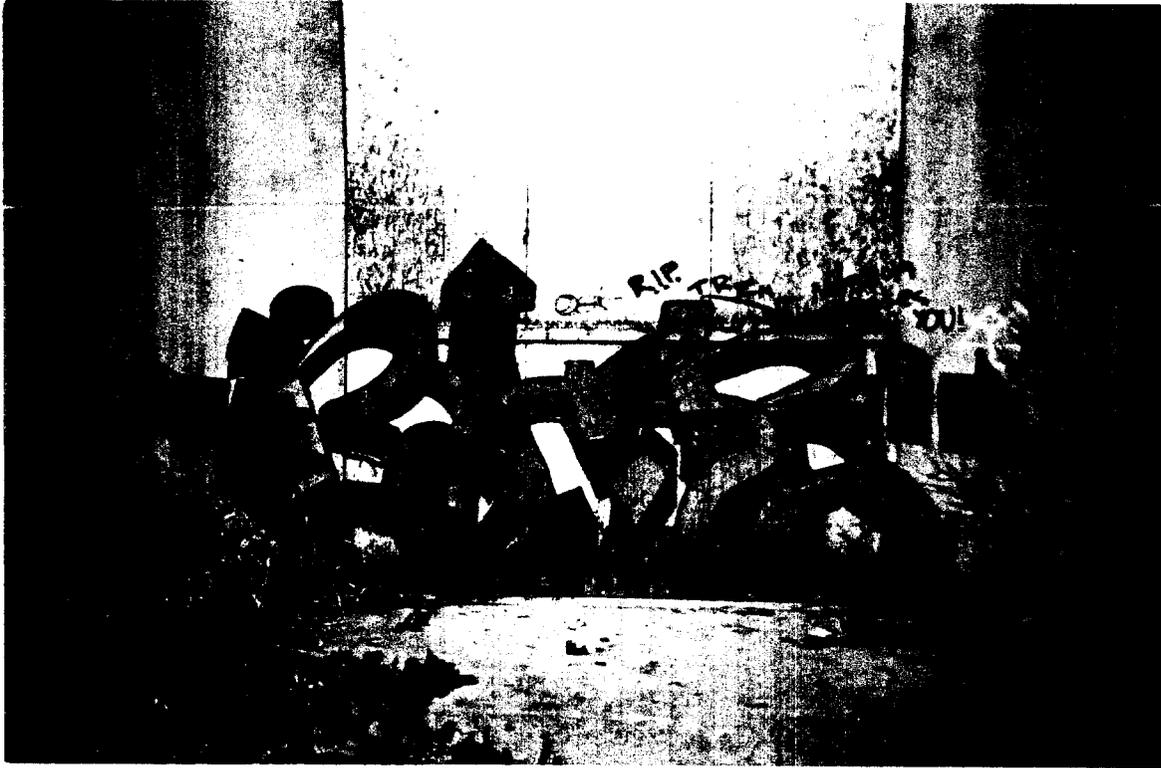
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD # 00-09-0006	DRAWN BY: E. ACKERMAN	DATE MODIFIED 9/12/00
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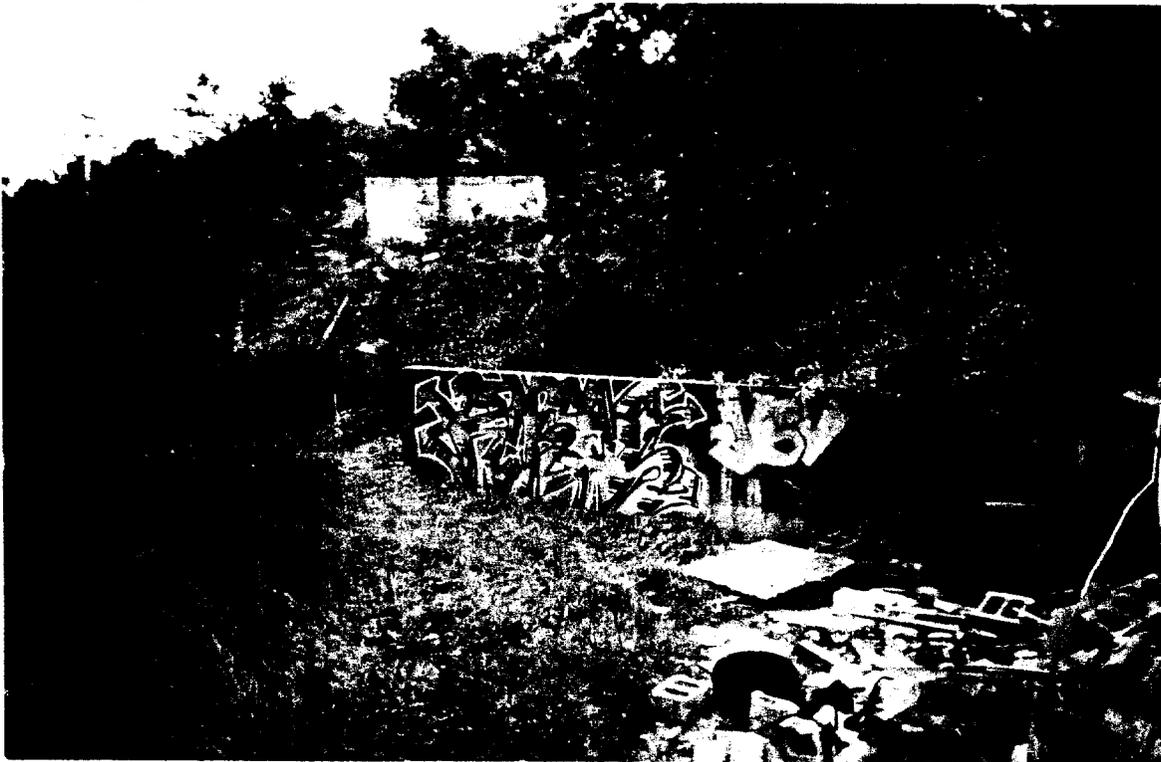
FILE NAME: R:\00090006\HASP\Fig2.DWG	Figure 2
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Appendix C
Photodocumentation Log

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of graffiti on the western wall of the Main Building. Photograph taken facing east.
FRAME NUMBER: 01 **DATE:** 2 October 2000 **TIME:** 0800 **SKY CONDITION:** Cloudy
PHOTOGRAPH BY: Jeremy Picard **WITNESS(ES):** Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic **FILM TYPE:** 35-mm **FILM ROLL:** 3828



SCENE: View of graffiti on the Settling Basin wall. Photograph taken facing northeast.
FRAME NUMBER: 02 **DATE:** 2 October 2000 **TIME:** 0805 **SKY CONDITION:** Cloudy
PHOTOGRAPH BY: Jeremy Picard **WITNESS(ES):** Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic **FILM TYPE:** 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of graffiti on the sludge dewatering unit. Photograph taken facing west.
FRAME NUMBER: 03 **DATE:** 2 October 2000 **TIME:** 0810 **SKY CONDITION:** Cloudy
PHOTOGRAPH BY: Jeremy Picard **WITNESS(ES):** Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic **FILM TYPE:** 35-mm **FILM ROLL:** 3828



SCENE: View of bicycle ramp and open back gate. Photograph taken facing north.
FRAME NUMBER: 04 **DATE:** 2 October 2000 **TIME:** 0820 **SKY CONDITION:** Cloudy
PHOTOGRAPH BY: Jeremy Picard **WITNESS(ES):** Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic **FILM TYPE:** 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire

TOP



SCENE: View of the unlocked back gate. Photograph taken facing southwest.

FRAME NUMBER: 05 **DATE:** 2 October 2000

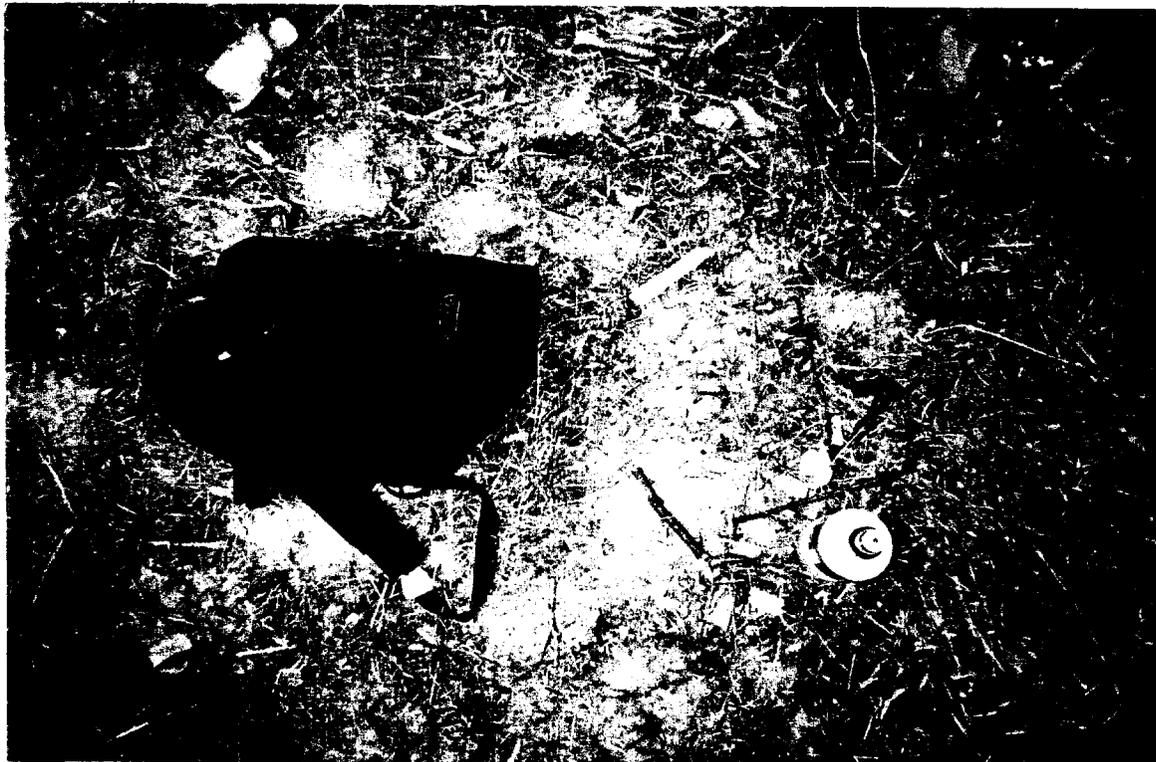
TIME: 0823 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828



SCENE: View of trespassers backpack and drug paraphernalia adjacent to back gate.

FRAME NUMBER: 06 **DATE:** 2 October 2000

TIME: 0825 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire

TOP



SCENE: View of bicycle ramp, unlocked back gate, and trespassers backpack. Photograph taken facing north.
FRAME NUMBER: 07 **DATE:** 2 October 2000 **TIME:** 0830 **SKY CONDITION:** Cloudy
PHOTOGRAPH BY: Jeremy Picard **WITNESS(ES):** Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic **FILM TYPE:** 35-mm **FILM ROLL:** 3828



SCENE: View of the damaged north gate. Photograph taken facing north.
FRAME NUMBER: 08 **DATE:** 2 October 2000 **TIME:** 0840 **SKY CONDITION:** Cloudy
PHOTOGRAPH BY: Jeremy Picard **WITNESS(ES):** Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic **FILM TYPE:** 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of shovels located in a pit adjacent to path near back gate.

FRAME NUMBER: 09 **DATE:** 3 October 2000

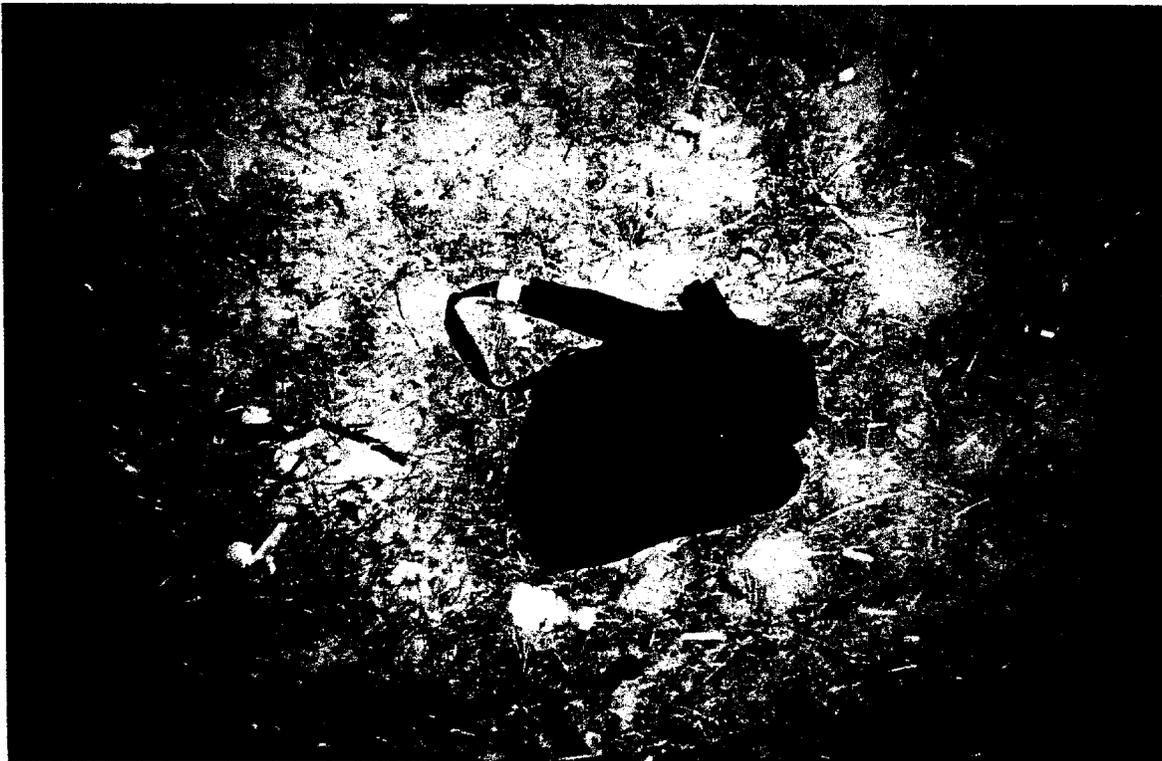
TIME: 0800 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828



SCENE: View of trespassers backpack.

FRAME NUMBER: 10 **DATE:** 3 October 2000

TIME: 0805 **SKY CONDITION:** Clear

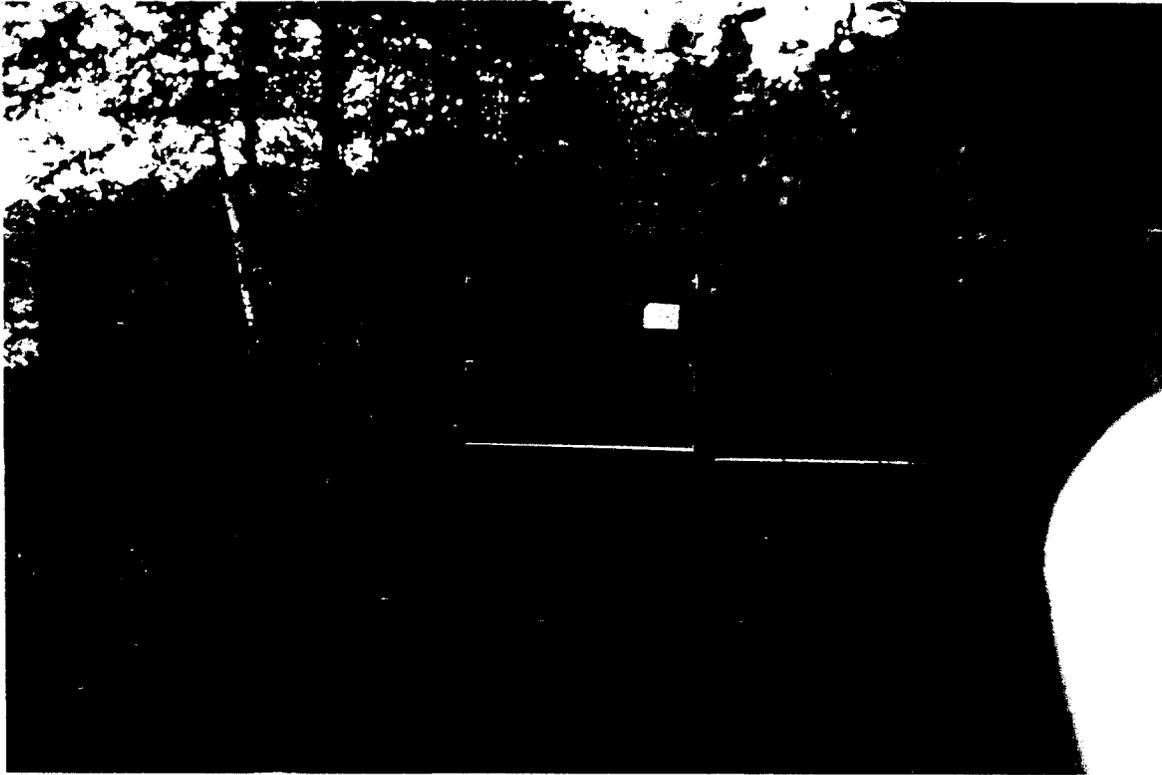
PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of repaired back gate. Photograph taken facing north.

FRAME NUMBER: 11 **DATE:** 3 October 2000

TIME: 0815 **SKY CONDITION:** Clear

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828



SCENE: View of "Warning" placards placed along the lagoon perimeter. Photograph taken facing west.

FRAME NUMBER: 12 **DATE:** 3 October 2000

TIME: 0825 **SKY CONDITION:** Clear

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the repaired north gate. Photograph taken facing north.

FRAME NUMBER: 13 **DATE:** 3 October 2000

TIME: 0900 **SKY CONDITION:** Clear

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828



SCENE: View of path adjacent to the back gate following the demolition of the bicycle ramp. Photograph taken facing north.

FRAME NUMBER: 14 **DATE:** 3 October 2000

TIME: 1500 **SKY CONDITION:** Clear

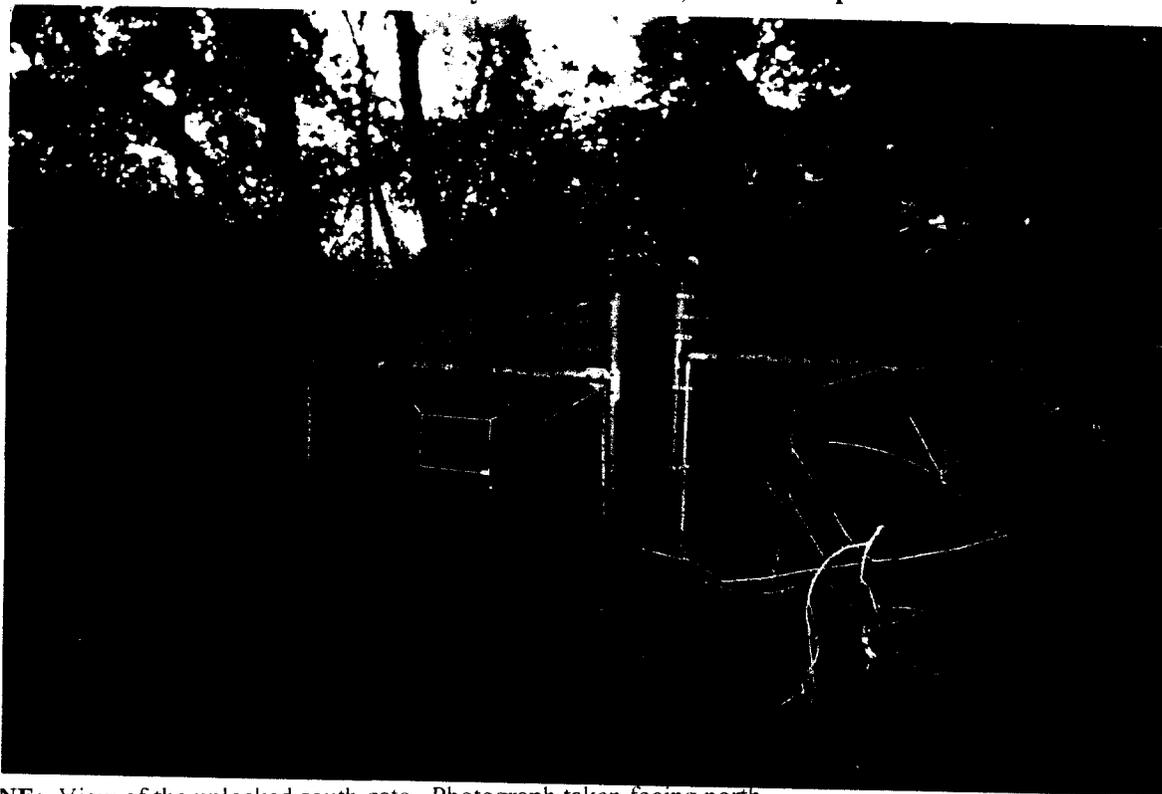
PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the unlocked south gate. Photograph taken facing north.

FRAME NUMBER: 15 **DATE:** 5 October 2000

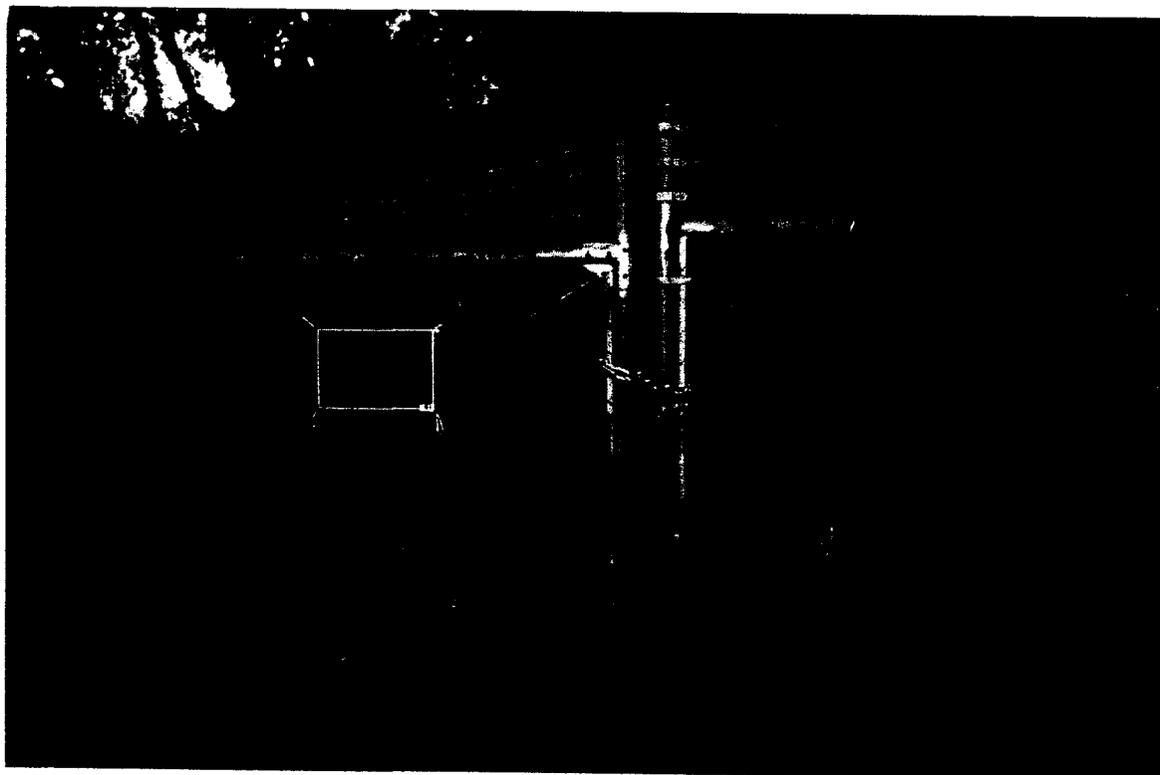
TIME: 0930 **SKY CONDITION:** Clear

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828



SCENE: View of the repaired and locked south gate. Photograph taken facing north.

FRAME NUMBER: 16 **DATE:** 5 October 2000

TIME: 1145 **SKY CONDITION:** Clear

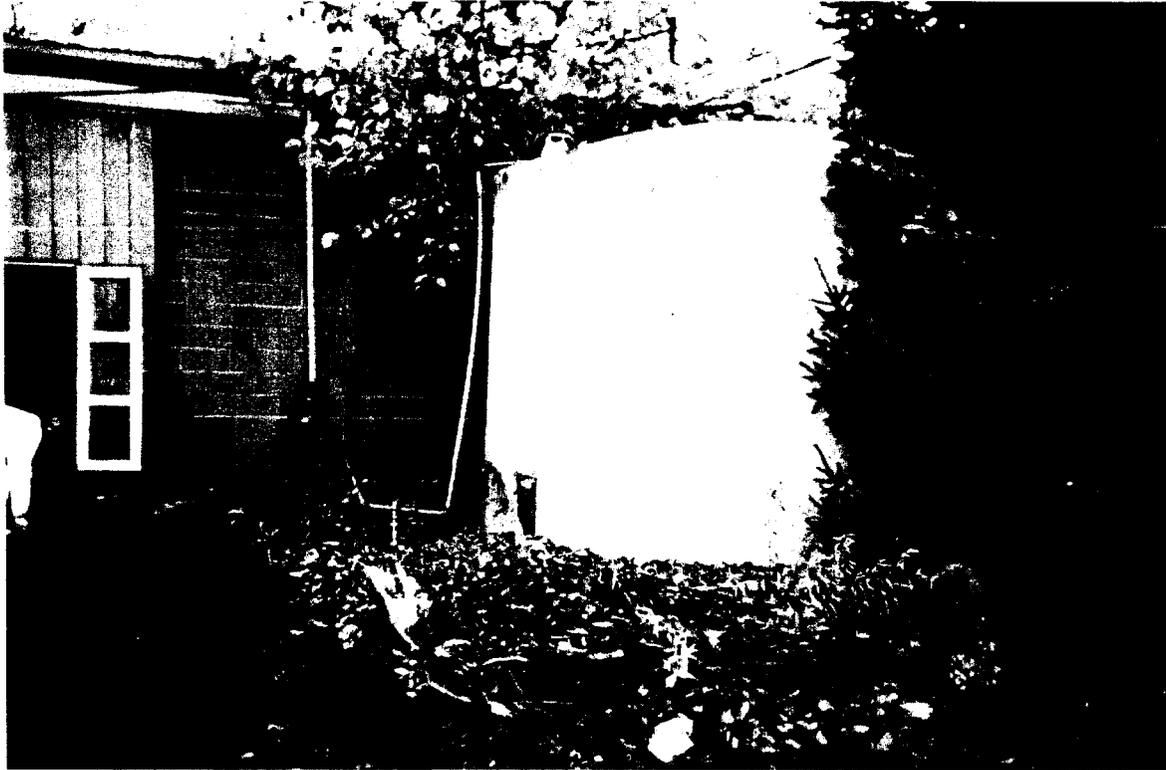
PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the 10,000-gallon fiberglass aboveground storage tank (AST) located to the east of the Main Building.
Photograph taken facing west.

FRAME NUMBER: 17 **DATE:** 5 October 2000

TIME: 1400 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828



SCENE: View of munitions discovered in the Main Building.

FRAME NUMBER: 18 **DATE:** 6 October 2000

TIME: 1230 **SKY CONDITION:** Indoor

PHOTOGRAPH BY: Daniel Keefe

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire

TOP



SCENE: View of munitions discovered in the Main Building.

FRAME NUMBER: 19 **DATE:** 6 October 2000

PHOTOGRAPH BY: Daniel Keefe

CAMERA: Fuji

SETTING: Automatic

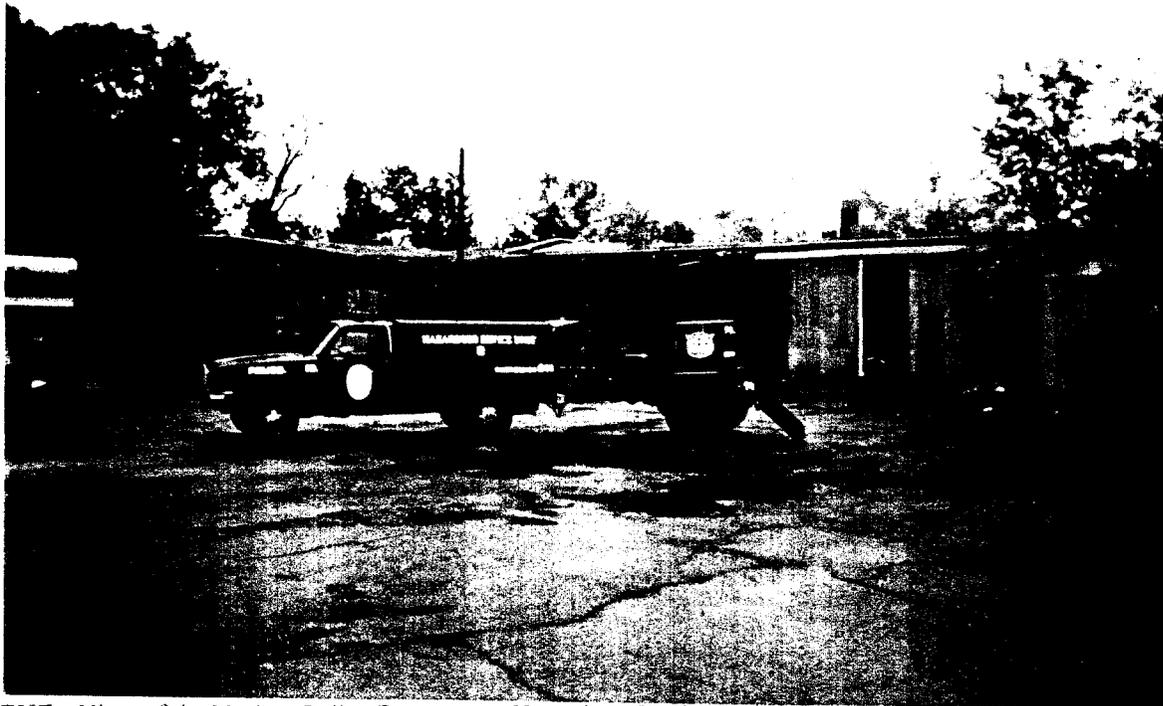
TIME: 1231

SKY CONDITION: Indoor

WITNESS(ES): Gilberto Irizarry

FILM TYPE: 35-mm

FILM ROLL: 3828



SCENE: View of the Nashua Police Department Hazardous Device Unit vehicle. Photograph taken facing south.

FRAME NUMBER: 20 **DATE:** 6 October 2000

PHOTOGRAPH BY: Daniel Keefe

CAMERA: Fuji

SETTING: Automatic

TIME: 1300

SKY CONDITION: Cloudy

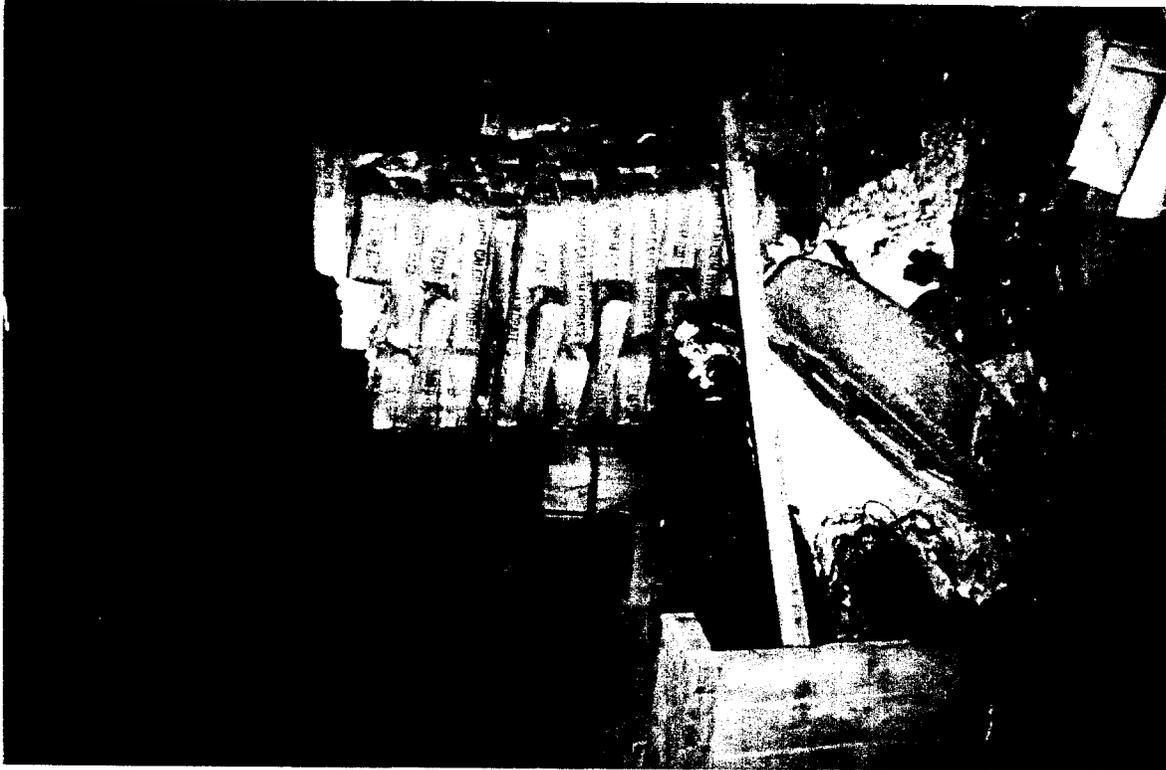
WITNESS(ES): Gilberto Irizarry

FILM TYPE: 35-mm

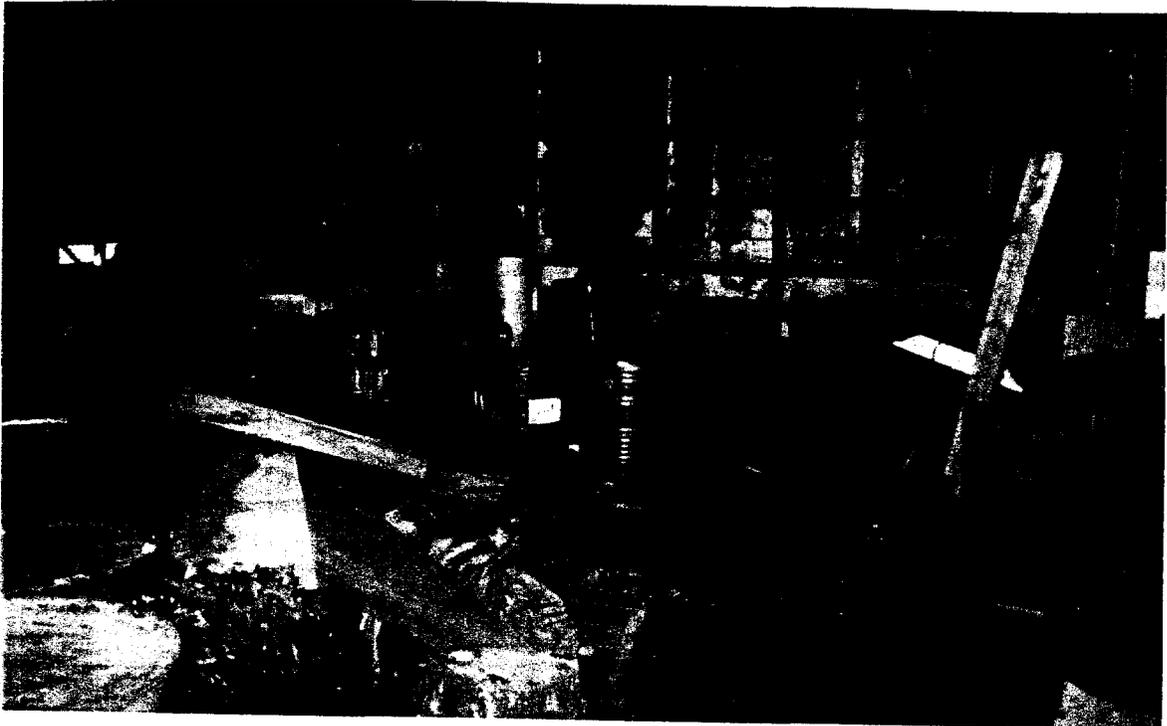
FILM ROLL: 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire

TOP



SCENE: View of bags of Calcium Hydrate staged in the Hide Room. Photograph taken facing north.
FRAME NUMBER: 21 **DATE:** 9 October 2000 **TIME:** 0730 **SKY CONDITION:** Indoor
PHOTOGRAPH BY: Jeremy Picard **WITNESS(ES):** Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic **FILM TYPE:** 35-mm **FILM ROLL:** 3828



SCENE: View of drums in the northeast corner of the Hide Room. Photograph taken facing northeast.
FRAME NUMBER: 22 **DATE:** 9 October 2000 **TIME:** 0732 **SKY CONDITION:** Indoor
PHOTOGRAPH BY: Jeremy Picard **WITNESS(ES):** Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic **FILM TYPE:** 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of drums in the Hide Room. Photograph taken facing northeast.

FRAME NUMBER: 23 **DATE:** 9 October 2000

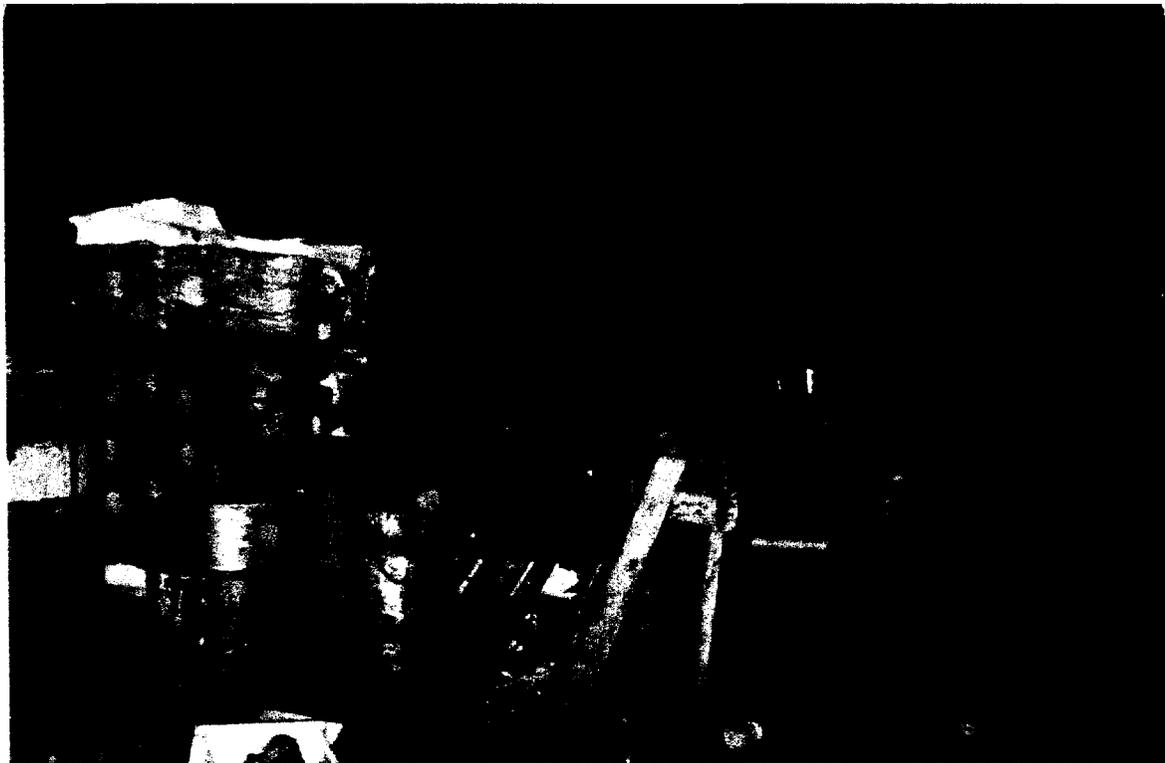
TIME: 0733 **SKY CONDITION:** Indoor

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828



SCENE: View of the northern portion of the Hide Room. Photograph taken facing east.

FRAME NUMBER: 24 **DATE:** 9 October 2000

TIME: 0734 **SKY CONDITION:** Indoor

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the southern portion of the Hide Room. Photograph taken facing south.
FRAME NUMBER: 25 **DATE:** 9 October 2000 **TIME:** 0736 **SKY CONDITION:** Indoor
PHOTOGRAPH BY: Jeremy Picard **WITNESS(ES):** Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic **FILM TYPE:** 35-mm **FILM ROLL:** 3828



SCENE: View of the northeast portion of the Hide Room. Photograph taken facing northeast.
FRAME NUMBER: 26 **DATE:** 9 October 2000 **TIME:** 0740 **SKY CONDITION:** Indoor
PHOTOGRAPH BY: Jeremy Picard **WITNESS(ES):** Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic **FILM TYPE:** 35-mm **FILM ROLL:** 3828

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of paint, paint thinner, and oil containers located in the Hide Room prior to removal activities. Photograph taken facing west.

FRAME NUMBER: 01 **DATE:** 11 October 2000

TIME: 1100 **SKY CONDITION:** Indoor

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry (EPA)

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of bags labeled "High Calcium Hydrate" and drums stored in the Hide Room. Photograph taken facing northwest.

FRAME NUMBER: 02 **DATE:** 12 October 2000

TIME: 0930 **SKY CONDITION:** Indoor

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry (EPA)

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 4744

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of boxes containing unlabeled material and material labeled "Ferrous Sulphate". Photograph taken facing north.

FRAME NUMBER: 03 **DATE:** 19 October 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 0940 **SKY CONDITION:** Indoor
WITNESS(ES): M. Taillon (IT)
FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of approximately 360 chemical containers staged on and below a polyethylene liner. Photograph taken facing east.

FRAME NUMBER: 04 **DATE:** 19 October 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 1100 **SKY CONDITION:** Indoor
WITNESS(ES): M. Taillon (IT)
FILM TYPE: 35-mm **FILM ROLL:** 4744

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of AST-1 following the cutting of an access way into the tank and pumping of fluid into six 55-gallon polyethylene drums. Photograph taken facing west.

FRAME NUMBER: 05 **DATE:** 26 October 2000

TIME: 1530 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): M. Taillon (IT)

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of hazardous material staging area located outside the main building. Photograph taken facing south.

FRAME NUMBER: 06 **DATE:** 26 October 2000

TIME: 1540 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): M. Taillon (IT)

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 4744

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of hazardous material staging area located outside the main building. Photograph taken facing southeast.

FRAME NUMBER: 07 **DATE:** 26 October 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 1541 **SKY CONDITION:** Cloudy
WITNESS(ES): M. Taillon (IT)
FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of secured area surrounding AST-1 following work activities. Photograph taken facing southwest

FRAME NUMBER: 08 **DATE:** 26 October 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 1600 **SKY CONDITION:** Cloudy
WITNESS(ES): M. Taillon (IT)
FILM TYPE: 35-mm **FILM ROLL:** 4744

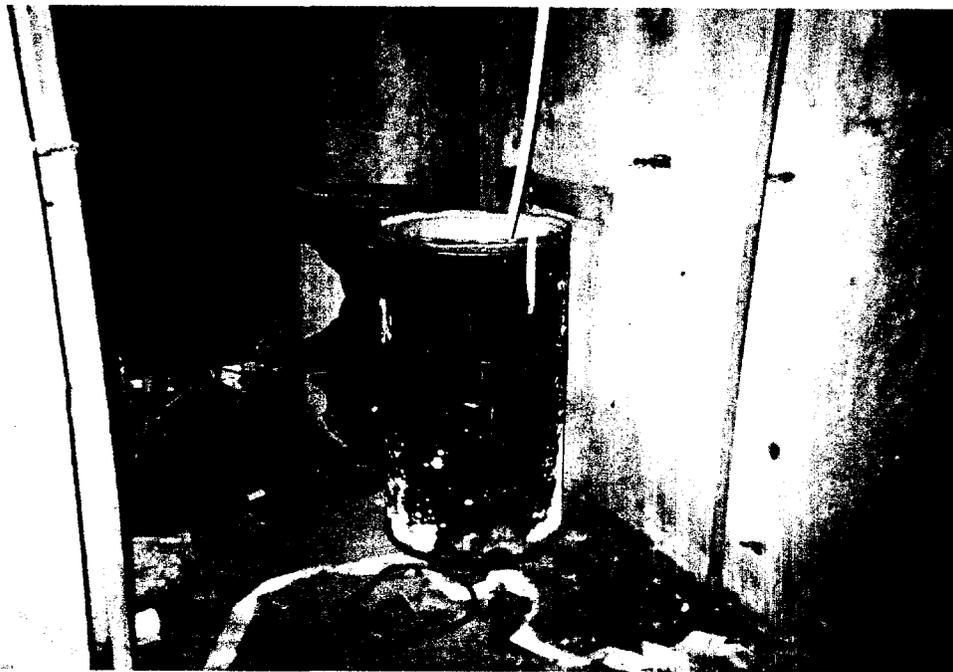
PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of 5-gallon container leaking oil. Container discovered in lower area of main building.

FRAME NUMBER: 09 **DATE:** 31 October 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 0940 **SKY CONDITION:** Indoor
WITNESS(ES): M. Taillon (IT)
FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of 55-gallon fiber drums discovered in lower area of main building.

FRAME NUMBER: 10 **DATE:** 31 October 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 0942 **SKY CONDITION:** Indoor
WITNESS(ES): M. Taillon (IT)
FILM TYPE: 35-mm **FILM ROLL:** 4744

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire

TOP



SCENE: View of 55-gallon fiber drums found in lower area of main building.

FRAME NUMBER: 11 **DATE:** 31 October 2000

TIME: 0943 **SKY CONDITION:** Indoor

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): M. Taillon (IT)

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of empty drums and containers discovered in lower area of main building. Photograph taken facing north.

FRAME NUMBER: 12 **DATE:** 31 October 2000

TIME: 0948 **SKY CONDITION:** Indoor

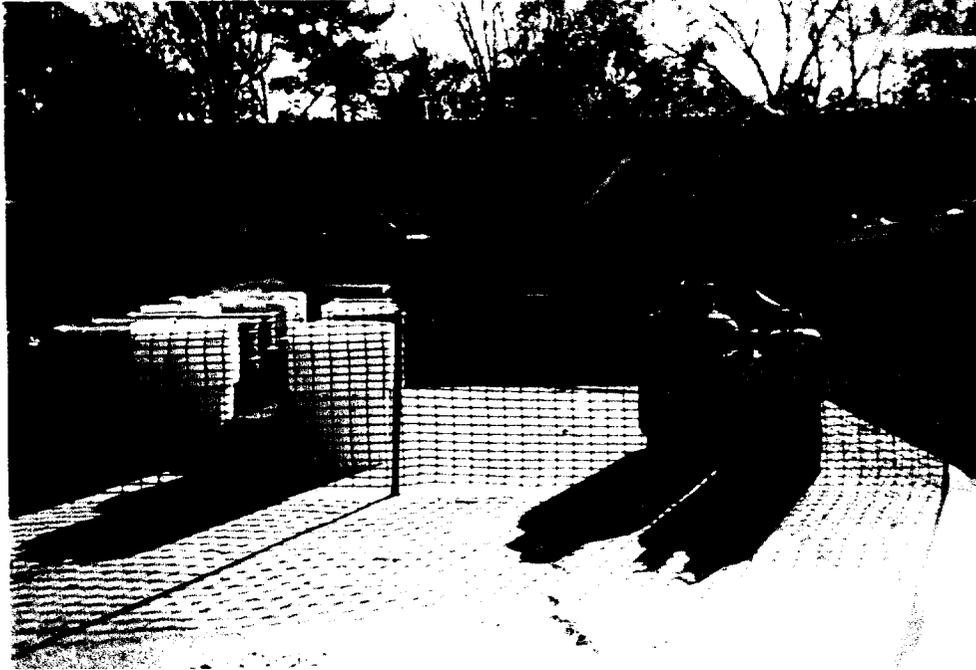
PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): M. Taillon (IT)

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 4744

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of hazardous material staging area located outside main building. Photograph taken facing south.

FRAME NUMBER: 13 **DATE:** 01 November 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 1400 **SKY CONDITION:** Clear
WITNESS(ES): Gilberto Irizarry (EPA)
FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of staging area for empty drums. Photograph taken facing southwest.

FRAME NUMBER: 14 **DATE:** 01 November 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 1402 **SKY CONDITION:** Clear
WITNESS(ES): Gilberto Irizarry (EPA)
FILM TYPE: 35-mm **FILM ROLL:** 4744

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of dismantled AST-1 under polyethylene liner. Photograph taken facing west.

FRAME NUMBER: 15 **DATE:** 01 November 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 1405 **SKY CONDITION:** Clear
WITNESS(ES): Gilberto Irizarry (EPA)
FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of assorted oil tanks staged adjacent to the main building. Tanks were collected from the site. Photograph taken facing west.

FRAME NUMBER: 16 **DATE:** 01 November 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 1409 **SKY CONDITION:** Clear
WITNESS(ES): Gilberto Irizarry (EPA)
FILM TYPE: 35-mm **FILM ROLL:** 4744

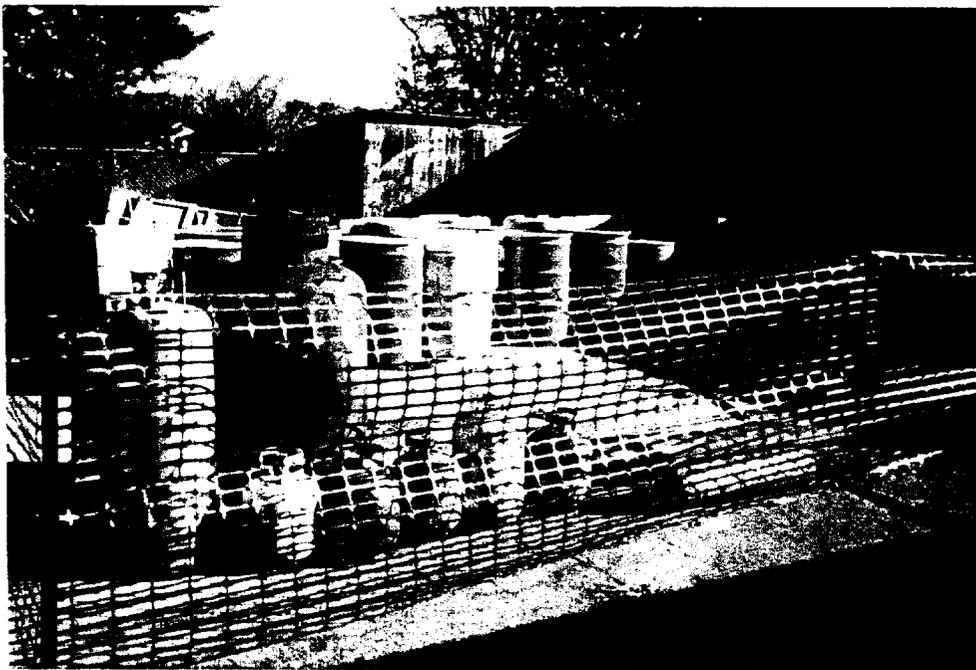
PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of staging areas along southern portion of main building. Photograph taken facing south.

FRAME NUMBER: 17 **DATE:** 01 November 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 1412 **SKY CONDITION:** Clear
WITNESS(ES): Gilberto Irizarry (EPA)
FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of assorted tanks and cylinders collected from the site and stored in the staging area. Photograph taken facing southeast.

FRAME NUMBER: 18 **DATE:** 01 November 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 1414 **SKY CONDITION:** Clear
WITNESS(ES): Gilberto Irizarry (EPA)
FILM TYPE: 35-mm **FILM ROLL:** 4744

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of 10 55-gallon polyethylene and one 55-gallon steel drums containing fluid and waste removed from AST-1. Photograph taken facing southeast.

FRAME NUMBER: 19 **DATE:** 01 November 2000

TIME: 1416 **SKY CONDITION:** Clear

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry (EPA)

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of chemical staging area located in main building, with addition of 5-gallon containers collected from the site.

FRAME NUMBER: 20 **DATE:** 01 November 2000

TIME: 0800 **SKY CONDITION:** Indoor

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry (EPA)

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 4744

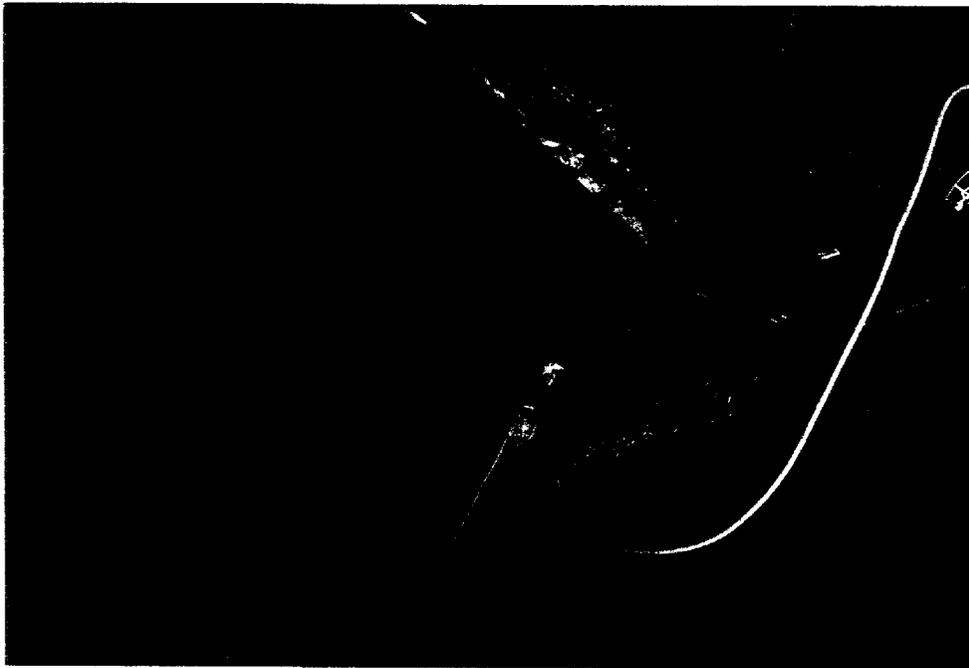
PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of UST-1 location. Area is located along main building just north of AST-1 Photograph taken facing west.

FRAME NUMBER: 21 **DATE:** 01 November 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 0805 **SKY CONDITION:** Clear
WITNESS(ES): Gilberto Irizarry (EPA)
FILM TYPE: 35-mm **FILM ROLL:** 4744



SCENE: View of pipes within the Main Site Building following asbestos removal activities.

FRAME NUMBER: 01 **DATE:** 08 November 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 0800 **SKY CONDITION:** Indoor
WITNESS(ES): Gilberto Irizarry (EPA)
FILM TYPE: 35-mm **FILM ROLL:** 7750

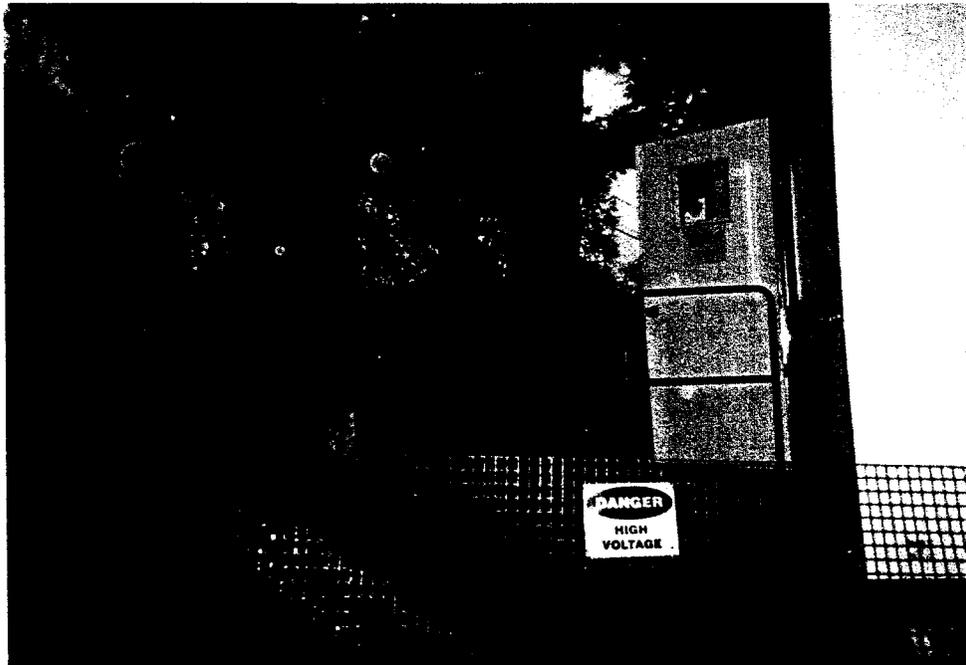
PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of bags of suspected asbestos-containing material. Photograph taken facing west.

FRAME NUMBER: 02 **DATE:** 08 November 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 0812 **SKY CONDITION:** Indoor
WITNESS(ES): Gilberto Irizarry
FILM TYPE: 35-mm **FILM ROLL:** 7750



SCENE: View of entrance to the Command Post Trailer. Photograph taken facing east.

FRAME NUMBER: 03 **DATE:** 10 November 2000
PHOTOGRAPH BY: Jeremy Picard
CAMERA: Fuji **SETTING:** Automatic

TIME: 1550 **SKY CONDITION:** Cloudy
WITNESS(ES): Gilberto Irizarry
FILM TYPE: 35-mm **FILM ROLL:** 7750

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the site storage trailer Photograph taken facing southeast.

FRAME NUMBER: 04 **DATE:** 10 November 2000

TIME: 1552 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 7750



SCENE: View of the drum staging area. Photograph taken facing south.

FRAME NUMBER: 05 **DATE:** 10 November 2000

TIME: 1357 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 7750

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the AST-1 rubble beneath a polyethylene liner. Photograph taken facing west.

FRAME NUMBER: 06 **DATE:** 10 November 2000

TIME: 1600 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 7750



SCENE: View of ASTs collected from the site. Photograph taken facing northwest.

FRAME NUMBER: 07 **DATE:** 10 November 2000

TIME: 1603 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 7750

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of empty drums staged for disposal. Photograph taken facing southwest.

FRAME NUMBER: 08 **DATE:** 10 November 2000

TIME: 1610 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 7750



SCENE: View of the Command Post trailer and storage box. Photograph taken facing north.

FRAME NUMBER: 09 **DATE:** 10 November 2000

TIME: 1612 **SKY CONDITION:** Cloudy

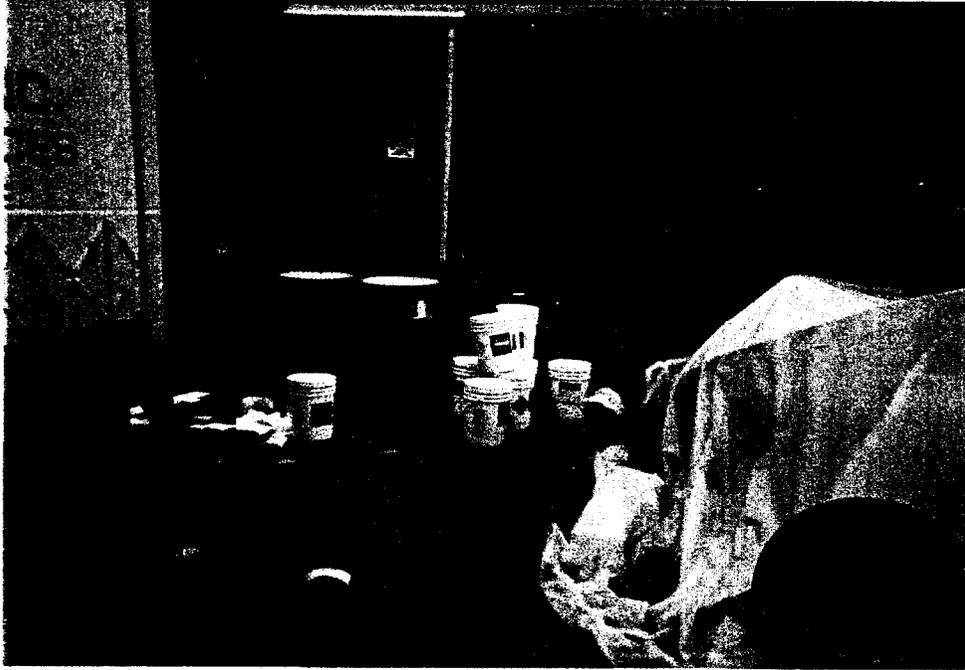
PHOTOGRAPH BY: Jeremy Picard

WITNESS(ES): Gilberto Irizarry

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 7750

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of laboratory packed small containers. Photograph taken facing west.

FRAME NUMBER: 10 **DATE:** 28 November 2000

TIME: 1400 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Eric D. Ackerman

WITNESS(ES): None

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 7750



SCENE: View of box truck that transported laboratory packed containers off site for disposal. Photograph taken facing north.

FRAME NUMBER: 11 **DATE:** 28 November 2000

TIME: 1516 **SKY CONDITION:** Cloudy

PHOTOGRAPH BY: Eric D. Ackerman

WITNESS(ES): None

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 7750

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of Fleet Environmental Services, Inc. (FLEET) tanker trucks that hauled clarifier liquid off site for disposal. Photograph taken facing west.

FRAME NUMBER: 12 **DATE:** 28 December 2000

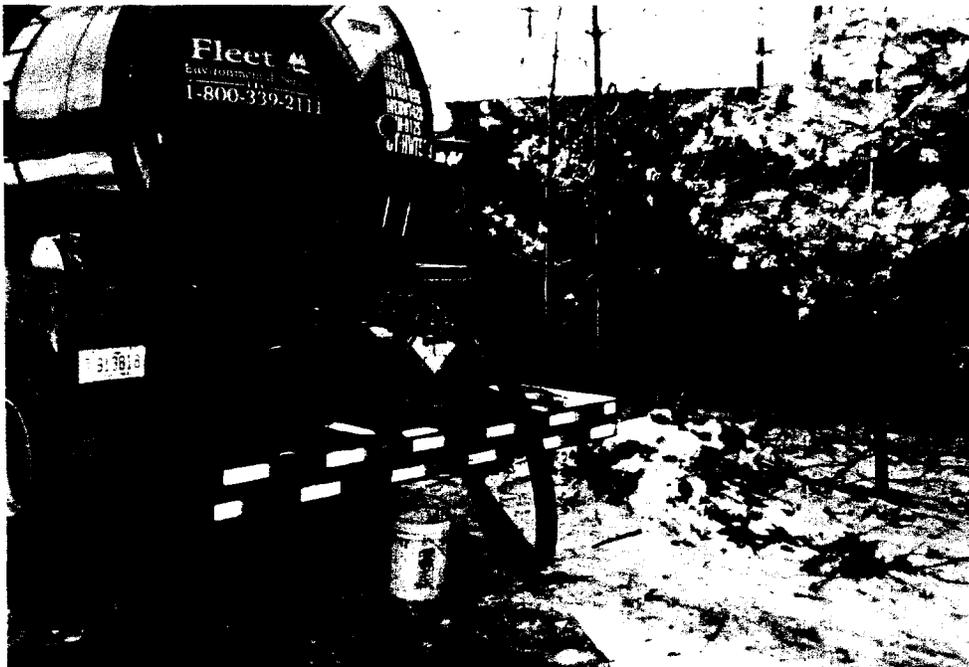
TIME: 0800 **SKY CONDITION:** Clear

PHOTOGRAPH BY: Patrick Boska

WITNESS(ES): AmyJean Lussier

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 7750



SCENE: View of the FLEET tanker truck pumping liquid from the clarifier. Photograph taken facing northeast.

FRAME NUMBER: 13 **DATE:** 28 December 2000

TIME: 1000 **SKY CONDITION:** Clear

PHOTOGRAPH BY: Patrick Boska

WITNESS(ES): AmyJean Lussier

CAMERA: Fuji **SETTING:** Automatic

FILM TYPE: 35-mm **FILM ROLL:** 7750

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the former location of the Command Post trailer. Photograph taken facing southwest.

FRAME NUMBER: 01 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 0930 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820



SCENE: View of the entrance to the site. Photograph taken facing west.

FRAME NUMBER: 02 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 0931 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the former locations of the Command Post and storage box. Photograph taken facing southeast.

FRAME NUMBER: 03 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 0935 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820



SCENE: View of the drum staging area. Photograph taken facing south.

FRAME NUMBER: 04 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 0936 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the entrance to the Clarifier Building. Photograph taken facing south.

FRAME NUMBER: 05 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 1005 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820



SCENE: View of the lagoon area. Photograph taken facing southwest.

FRAME NUMBER: 06 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 1013 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the lagoon area. Photograph taken facing southwest.

FRAME NUMBER: 07 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 1015 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820



SCENE: View of the former Command Post location. Photograph taken facing north.

FRAME NUMBER: 08 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 1030 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the secured entrance gate to the site. Photograph taken facing west.

FRAME NUMBER: 09 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 1100 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820



SCENE: View of the secured entrance gate to the site. Photograph taken facing west.

FRAME NUMBER: 10 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 1105 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire



SCENE: View of the secured entrance gate to the site. Photograph taken facing west.

FRAME NUMBER: 11 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 1106 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820



SCENE: View of the Command Post area entrance. Photograph taken facing south.

FRAME NUMBER: 12 **DATE:** 09 January 2001
PHOTOGRAPH BY: Gilberto Irizarry
CAMERA: Fuji **SETTING:** Automatic

TIME: 1108 **SKY CONDITION:** Clear
WITNESS(ES): None
FILM TYPE: 35-mm **FILM ROLL:** 9820

PHOTOGRAPHY LOG SHEET
Mohawk Tannery Site • Nashua, New Hampshire

PHOTOGRAPH
NEGATIVES



Roy F. Weston, Inc.
37 Upton Drive
Wilmington, MA 01887

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM (START)

MOHAWK TANNERY PHOTOGRAPH NEGATIVES

TDD NO. 00-00-09-0006

PCS NO. 1355

ROLL 1: 3028

ROLL 2: 4744

ROLL 3: 7750

ROLL 4: 9000

Appendix D

Mohawk Tannery Manifest Table

Mohawk Tannery Manifest Table

Manifest Document Number	Waste Description	Number of Containers	Weight (Pounds) or Volume (Gallons)	Date Shipped
MA M 545317	Reportable Quantity (RQ), Waste Oxidizing Liquids (potassium chromate-sodium peroxide)	1	25 Pounds	28 November 2000
	RQ, Waste Sulfuric Acid	1	20 Pounds	28 November 2000
	RQ, Waste Di-nitrophenol	1	20 Pounds	28 November 2000
	Waste Nitrophenol	1	20 Pounds	28 November 2000
MA M 545318	RQ, Waste Caustic Alkali Liquids (Sodium Hydroxide/ Potassium Hydroxide)	1	250 Pounds	28 November 2000
	RQ, Waste Mercury	1	20 Pounds	28 November 2000
	RQ, Waste Mercury Compound Solids (Mercury Oxide/ Mercury Nitrate)	1	20 Pounds	28 November 2000
	RQ, Waste Potassium Cyanide	1	20 Pounds	28 November 2000
MA M 545319	RQ, Waste Flammable Liquids (Methanol/Hexane)	1	250 Pounds	28 November 2000
	RQ, Waste Toxic Liquids (Methylene/Chlorine/Carbon Tetrachloride)	1	250 Pounds	28 November 2000
	RQ, Waste Flammable Liquids (Hexane/Xylene)	1	250 Pounds	28 November 2000
	RQ, Waste Toxic Liquids (Lead Oxide/Barium Chloride)	1	250 Pounds	28 November 2000
MA M 545320	RQ, Waste Paint Related Material	2	400 Pounds	28 November 2000
	Waste Aerosols	1	30 Pounds	28 November 2000
	RQ, Waste Corrosive Liquids (Sulfuric Acid/ Hydrochloric Acid)	1	250 Pounds	28 November 2000
	Hydrogen Sulfide	1	15 Pounds	28 November 2000
RI H 0008469	RQ, Waste Flammable Liquids (Petroleum Distillates)	1	55 Gallons	29 November 2000

Mohawk Tannery Manifest Table

Manifest Document Number	Waste Description	Number of Containers	Weight (Pounds) or Volume (Gallons)	Date Shipped
MA M 721650	RQ, Waste Caustic Alkali Liquids	3	165 Gallons	29 November 2000
	Non Resource Conservation and Recovery Act (RCRA), Non Department of Transportain (DOT) Regulated Material (inert solids)	6	2600 Gallons	29 November 2000
	Non RCRA, Non DOT Regulated Material (inert solids)	2	3200 Gallons	29 November 2000
	Calcium Oxide	7	11,200 Gallons	29 November 2000
MA M 721652	RQ, Waste Formic Acid Solution	1	55 Gallons	29 November 2000
	RQ, Hazardous Waste, Solid (Chromium Sulfate)	1	500 Pounds	29 November 2000
	Waste Sodium Hydrosulfide, solution	11	605 Gallons	29 November 2000
	Waste Sodium Sulfide, Hydrated with not less than 30% water	2	110 Gallons	29 November 2000
MA M 721653	RQ, Waste Corrosive Liquids, Acidic, Inorganic, (Methylene Chloride/Hydrochloric Acid)	2	110 Gallons	29 November 2000
	RQ, Waste Corrosive Liquid (Sodium Hydroxide/Potassium Hydroxide)	1	55 Gallons	29 November 2000
	RQ, Waste Corrosive Liquids, Acidic, Inorganic (Sulfuric Acid/Hydrochloric Acid)	1	55 Gallons	29 November 2000
MA M 721651	Non RCRA, Non DOT Regulated Material (Aqueous Liquid)	3	165 Gallons	29 November 2000
	Non RCRA, Non DOT Regulated Material (Aqueous Liquid)	4	220 Gallons	29 November 2000
	Non RCRA, Non DOT Regulated Material (Resin Liquids)	1	55 Gallons	29 November 2000
	Non RCRA, Non DOT Regulated Material (non-Polymerizable Urethane B)	1	55 Gallons	29 November 2000
MA M 721724	RQ, Waste Caustic Alkali Liquids (Sodium Hydroxide/Potassium Hydroxide)	5	400 Pounds	7 December 2000
	RQ, Waste Corrosive Liquids, Acidic, Inorganic (Sulfuric Acid/Hydrochloric Acid)	3	300 Pounds	7 December 2000

Mohawk Tannery Manifest Table

Manifest Document Number	Waste Description	Number of Containers	Weight (Pounds) or Volume (Gallons)	Date Shipped
Profile No. 522246	Triple Rinsed, Cut Up Fiberglass Storage Tank	1	30-Cubic Yard Rolloff	13 December 2000
Profile No. 522245	RQ, Asbestos, 9, NA2212, III [RQ = 1 Pound]	1	30-Cubic Yard Rolloff	13 December 2000
Profile No. 525210	Non-Hazardous Wastewater	5	22,400 Gallons	27 December 2000
		4	20,000 Gallons	28 December 2000
		4	12,512 Gallons	29 December 2000