REMOVAL PROGRAM
AFTER ACTION REPORT
FOR THE
TEMPLE STUART SITE
BALDWINVILLE, WORCESTER COUNTY, MASSACHUSETTS
26 AUGUST 2002 THROUGH 2 AUGUST 2004

Prepared For:

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

CONTRACT NO. 68-W-00-097

TDD NO. 04-05-0011

TASK NO. 8027

DC NO. R-2488

Submitted By:

Weston Solutions, Inc.
Superfund Technical Assessment and Response Team 2000 (START)
37 Upton Drive
Wilmington, Massachusetts 01887

April 2005

TABLE OF CONTENTS

LIST OF APPENDICES

1.0 INTRODUCTION

The following report, entitled *Removal Program After Action Report for the Temple Stuart Site, Baldwinville, Worcester County, Massachusetts, 26 August 2002 through 2 August 2004,* 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 work zones; staging, overpacking, and laboratory packing drums and containers; performing hazard categorization of drum and tank contents; transferring liquids from the tank; removing asbestos from on-site buildings; demolishing structurally unsound, asbestos-contaminated sections of the on-site buildings; sampling the on-site landfill area; sampling the on-site building area; excavating contaminated grids in the building area; transporting and disposing of hazardous materials at EPA-approved facilities; and conducting site restoration activities.

2.0 SITE CONDITIONS AND BACKGROUND

2.1 Site Location and Description

The Temple Stuart site (the site), which formerly operated as the Temple Stuart Factory, is a 23-acre lot located at 4 Holman Street in the Baldwinville section of Templeton, Worcester County, Massachusetts (MA) [see Appendix A - Site Location Map (Figure 1)]. The site was occupied by five adjoining buildings (Buildings A, B, C, F, and a warehouse); Building E (a garage); a water tower; and two sawdust silos [see Appendix B - Site Diagram (Figure 2)]. The area surrounding the buildings is paved. An undeveloped/wooded area formerly used as a waste disposal area abuts the paved portion of the site to the north. The site is bordered to the northwest by Route 202; to the southwest by active railroad tracks; and to the northeast and southeast by residences. Two railroad spurs extend from the tracks onto the site, between the warehouse and former Building C (Butler building). Use of the railroad spurs was discontinued on an unreported date. An unnamed surface stream flows west from the wooded area along the northwest site boundary, beneath Route 202, and then flows northwest, parallel to the railroad tracks. Three drainage outfall pipes are reportedly located southwest of Building A. An additional drainage outfall pipe is located west of the on-site warehouse (adjacent to a wetland and the railroad tracks). A surface stream flows from this drainage outfall pipe into a catchbasin which discharges into the surface stream that originates from the wooded area.

2.2 Site History/Previous Actions

The site was first occupied in 1884 by Holman and Harris (H&H), a manufacturer of wooden containers, which included pails, tubs, and buckets. In 1909, H&H ceased operations and vacated the site. In 1910, the Temple Stuart Company (TSC) began operations at the site manufacturing wooden furniture. After 1910, TSC constructed various buildings and additions to existing structures on the site. During the facility's operation, wastes produced on site reportedly included crankcase oil, paint thinners, lacquer, and glue. American Tissue Mills of Massachusetts (ATMM) purchased the property on an unreported date prior to 15 January 1993. According to Tighe & Bond,

Inc. (T&B) reports, Building "C" was used to store rolls of paper products. Currently, the facility is not operating. Some equipment and paper inventory are stored in the warehouse and in the former Butler building. The structural integrity of many building areas has deteriorated over the winters of 2001 through 2004.

On 13 September 1990, ENSOL, Inc., (ENSOL) of Burlington, Massachusetts, completed a Phase I Environmental Site Assessment (Phase I) of the site. As part of the Phase I, ENSOL performed a subsurface investigation and identified two underground storage tanks (USTs). One 10,000-gallon fuel oil UST and one 500-gallon benzene UST were located near the southeast corner of Building C. A second 500-gallon UST may have existed in the same location. The contents of the benzene UST(s) were reportedly removed, and the tanks were filled with water prior to being abandoned. Additional fuel oil was stored in a 10,000-gallon aboveground storage tank (AST) located in the boiler room near the south end of Building A, and in a 275-gallon AST located northwest of the warehouse. Lacquer was stored in an AST of unreported size in the furniture manufacturing area of Building A. Additionally, ENSOL identified a solid waste disposal area in the northern portion of the site.

During the subsurface investigation, seven monitoring wells, labeled MW-1 through MW-7, were installed on the site. Groundwater samples collected from the wells were analyzed for volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH). No VOCs or petroleum hydrocarbons were detected in the groundwater samples. Soil samples were collected from each well boring and analyzed for TPH. Petroleum hydrocarbons were detected in a sample collected from the MW-5 soil boring at a concentration of 40 parts per million (ppm).

During November and December 1991, T&B performed an environmental audit of the site. During a site walk, T&B representatives observed 63 40- to 50-gallon drums containing glue resins; petroleum products including waste oil and tar; boiler additives; and wood finishing products including thinners and Nelsonite. An additional 47 1- to 20-gallon containers containing paints, thinners, and oil; and five 50-pound (lb) bags containing solid glue resin (powdered virgin product) were also observed by T&B. In the lacquer storage room, T&B personnel observed three large ASTs of unspecified size used to store lacquer and lacquer thinner. According to a former TSC employee, one of the tanks contained approximately 500 gallons of used lacquer thinner. The other two tanks were reportedly emptied and cleaned by TSC employees during the plant closure activities. Several drums and containers, including a steel drum of boiler additive, were observed to have previously leaked, or to be leaking. T&B also identified several areas of surface contamination at the site. These areas of contamination included spray booth locations, ventilation fans and ducts, floors, glueing areas, the lacquer storage area, the lacquer distribution system, and vats and booths located in the garage and loading docks. Within the garage, approximately 50 square feet (ft^2) of spilled tar and spray booth paints were observed on the floor. Several empty drums were observed northeast of the garage. An area of stained soil measuring approximately 20 ft^2 was observed adjacent to the drum area.

The waste disposal area was divided into three areas, including the southern landfill, the central landfill, and the northern landfill. The southern landfill contained granite pieces, road building materials, construction debris, steel pipes, asbestos transite pipe, and other miscellaneous materials.

The central and northern landfills contained sand, sawdust, plastic containers, styrofoam, bricks, plastic sheeting, asbestos roofing material, demolition debris, and empty and partially filled drums and containers. In the northern landfill, an overturned drum was observed to have spilled white, greasy contents onto approximately 10 ft^2 of soil. Asbestos was detected in samples collected from transite pipe and asphaltic roofing material in the landfill; from pipe insulation in the old boiler room, the paint spray area, the new boiler room and the warehouse; and from other locations throughout the remainder of the facility, including block insulation in carts and debris on the floors of the warehouse.

Several building components existed on the site that were suspected to contain polychlorinated biphenyls (PCBs), including two building-mounted transformers; three transformers located in a vault; an unknown number of fluorescent light ballasts/capacitors located throughout the facility; and one fan house compensator. According to T&B, these building components contained approximately 400 gallons of possible PCB-containing oil.

Four septic systems were located on the site. The septic systems were located north of Building C, west of Building B, southwest of Building A, and northeast of Building F. Catchbasins were located south of Building A and between the southern portions of Buildings A and F. Surface water that collected in the catchbasins on the site drained to six outfall pipes located along the railroad tracks. The outfall pipes drained to an underground stream which flows north along the railroad tracks and eventually surfaces approximately 300 feet (ft) north of Route 202.

During the subsurface investigation, Seaboard Environmental Drilling, Inc.; advanced six soil borings on the site. Four soil borings were completed as groundwater monitoring wells, labeled MW-8 through MW-10 and MW-13. Analytical results of groundwater samples collected from the monitoring wells indicated the presence of TPH and barium in the vicinity of the solid waste disposal area, and TPH in the vicinity of drying sheds located toward the south end of Building A, and near the subsurface fuel oil storage area. Light, non-aqueous phase liquid (LNAPL) was also identified in MW-13.

On 15 January 1993, Massachusetts Department of Environmental Protection (MA DEP) listed the site as a Location to be Investigated (LTBI) when a release of oil was reported by ATMM. On 24 January 1994, MA DEP issued ATMM a Notice of Responsibility (NOR). ATMM subsequently prepared a Waiver of Approvals (WOA) application and submitted the WOA to MA DEP. On 4 May 1994, MA DEP denied the WOA, and in October 1994, the site was classified as a Tier 1A site (Permit No. 84863).

On 10 February 1994, T&B completed a Short Term Measures (STMs) Report that described assessment and remediation activities which occurred on the site. The STMs focused on characterization and removal of containerized waste materials; excavation and removal of contaminated surface soils; further characterization of the solid waste disposal area; and evaluation of the source of elevated petroleum hydrocarbons concentrations near the drying sheds. Analytical results of two surface soil samples collected from the vicinity of the garage and the solid waste disposal area indicated the presence of petroleum hydrocarbons. Both areas were excavated and remediated.

From December 1994 to April 1995, an Immediate Response Action (IRA) was performed by T&B to assess the extent of the LNAPL in the vicinity of MW-13. Seven additional soil borings were advanced, and two soil borings were completed as monitoring wells, labeled MW-16 and MW-17. Analytical results of soil boring samples indicated the presence of petroleum hydrocarbons in MW-17, which was estimated to be located in the center of the product plume. No petroleum hydrocarbons were detected in groundwater samples collected either upgradient or downgradient of the release area. According to the IRA report submitted to MA DEP in April 1995, releases of oil from a compressor located in the drying sheds were identified as the probable source of the petroleum hydrocarbon contamination plume. The IRA report recommended the installation of an LNAPL recovery system through the implementation of a Release Abatement Measure (RAM), which was subsequently implemented.

In July 1996, T&B, working in conjunction with MA DEP, began conducting a Phase II Comprehensive Site Assessment (Phase II), which included soil borings, surface/subsurface soil sampling, sediment sampling, surface water sampling, test pit excavations, monitoring well installation and sampling, and limited soil excavation and removal, primarily, but not limited to, the solid waste disposal area. The contaminants detected on site included acetone; antimony; arsenic; asbestos; benzene; benzo(a)anthracene; benzo(a)pyrene; benzo(b)fluoranthene; benzo(g,h,i)perylene; benzo(k)fluoranthene; beryllium; bis(2-ethylhexyl)phthalate; butylbenzylphthalate; cadmium; chloromethane; chromium; chrysene; copper; di-n-butylphthalate; dioxins; fluoranthene; indeno(1,2,3-cd)pyrene; iron; p-isopropyltoluene; lead; manganese; mercury; 2-methylnaphthalene; naphthalene; nickel; PCBs; phenanthrene; pyrene; selenium; silver; thallium; 1,1,1-trichloroethane; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; xylene; and zinc.

During the removal of a concrete slab located south of the warehouse, a 1,000-gallon benzene UST was exposed, and subsequently removed. MA DEP was notified of a photoionization detector (PID) reading greater than 100 ppm that was measured at a depth greater than 2 ft below grade, within 10 ft of the former exterior wall of the UST. MA DEP approved the excavation of the contaminated soil.

On 9 November 2001, EPA On-Scene Coordinator (OSC) Mary Ellen Stanton and Roy F. Weston, Inc., (WESTON®), now known as Weston Solutions, Inc., Superfund Technical Assessment and Response Team (START) personnel conducted a Preliminary Assessment/Site Investigation (PA/SI) at the site. Bulk samples collected from various locations confirmed the presence of asbestos-containing material (ACM) in the form of insulation materials. No drums or containers were observed, although not all areas of the buildings were entered. The only tank observed was a rectangular vaulted AST of approximately 10,000-gallon capacity in the boiler room of Building A suspected of containing fuel oil. Several areas of the warehouse and Buildings A and B were partially collapsed and/or structurally unsound. Although the area was not investigated, the solid waste disposal area appeared to be mounded and vegetated, with no obvious surficial solid/hazardous waste.

PA/SI sampling activities were conducted under Technical Direction Document No. 01-11-0005, and are documented in a separate report, entitled *Removal Program Preliminary Assessment/Site Investigation for the Temple Stuart Site, Baldwinville, Massachusetts, 9 November 2001.*

3.0 SUMMARY OF FEDERAL RESPONSE ACTIONS

3.1 Organization of the Response

ORGANIZATION OF RESPONSE		
Organization	Representatives	Responsibilities
U.S. Environmental Protection Agency (EPA) Emergency Planning and Response Branch (EPRB) One Congress Street, Suite 1100 Boston, Massachusetts (MA) 02114-2023 (617) 918-1256	Mary Ellen Stanton	EPA On-Scene Coordinator (OSC) responsible for the initiation, oversight, and completion of all removal activities.
Weston Solutions, Inc., Superfund Technical Assessment and Response Team (START) 37 Upton Drive Wilmington, MA 01887 (978) 657-5400	Kyle Brennan	Site Leader who provided the OSC with technical assistance, site documentation, photo-documentation of site conditions, site health and safety oversight, and draft and final report preparation.
Shaw Environmental and Infrastructure, Inc. Emergency Rapid Response Services (ERRS) 88C Elm Street Hopkinton, MA 01748 (508) 435-9561	Mike Blodgett	Response Manager (RM) for the ERRS contractor that performed removal activities.
	Gary Benham	Transportation and disposal (T&D) coordinator for the ERRS contractor.
Town of Templeton Police Dept. 33 South Road Templeton, MA 01468 (978) 939-5638	Police Chief Don Sandos	ERRS subcontractor that was responsible for non-working-hours site security during the demolition of on-site buildings.
MARCOR Remediation, Inc. 14 Jewel Drive Wilmington, MA 01887-3361 (978) 657-5445 or (800) 545-5350	Paul Holtslag	ERRS subcontractor that was responsible for the removal of asbestos-containing material (ACM) from the accessible portions of the on-site buildings.
FLI Environmental (FLI), Inc. 69 Bridge Street (Route 109) Dedham, MA 02026 (781) 251-0040 RI Analytical 41 Illinois ave Warwick, Rhode Island (RI) 02888 (401) 737-8500	Steve Macdonald	MARCOR subcontractor that was responsible for collecting and analyzing the personal ACM air sampling cartridges for MARCOR. ERRS subcontractor that was responsible for performing the analysis of perimeter ACM air samples collected during the demolition of on-site buildings.
Charter Environmental 85 Cresent Avenue Chelsea, MA 02150 (617) 889-2170	John Palmer	ERRS subcontractor that was responsible for the demolition of on-site buildings.

ORGANIZATION OF RESPONSE (CONTINUED)		
Organization	Representatives	Responsibilities
Hope Trucking and Demo Inc. 10 Oakland Terrace Lynn, MA 01905 (781) 599-5109	John Palmer	Charter subcontractor that was responsible for the demolition of on-site buildings.
Ameritech PO Box 539 Elliot, Maine (ME) 03903 (617) 889-2170	John Palmer	Charter subcontractor that was responsible for the T&D of ACM roll-off containers.
F.A. Moschetti & Sons, Inc. 104 Rice Road Templeton, MA 01468	Frank Moschetti	ERRS subcontractor that was responsible for the T&D of construction and demolition debris.
North Country Environmental 31 Granite Street Milford, MA 01757 (508) 634-9800	Paul Conners	ERRS subcontractor that was responsible for the removal of product from an on-site aboveground storage tank (AST) located in the boiler room of Building A.
Clean Venture/Cycle Chem 133-138 Leland Street Framingham, MA 01702 Phone: (508) 872-5000	Ed Price	ERRS subcontractor that was responsible for T&D of the on-site drums and containers.
Lashua Trucking 225 Otter River Road Templeton, MA 01468 (978) 939-5005	Sonny Lashua	Charter subcontractor that was responsible for the delivery of fill material for site restoration activities during the demolition of on-site buildings and delivery of fill material for site restoration during building area grid excavation activities.
Mitkem Corporation 175 Metro Center Boulevard Warwick, RI 02886-1755 (401) 732-3400		ERRS subcontractor that was responsible for the transportation and analysis of soil samples collected during the building area grid excavation and sampling event.
EQ Northeast PO Box 617 185 Industrial Road Wrentham, MA 02093	Don Johnson	ERRS subcontractor that was responsible for the transportation of PCB-contaminated soils to the Providence and Worcester railroad facility which then transported soil to the Wayne Disposal facility for disposal.
Providence and Worcester Railyard 75 Hammond Street Worcester, MA 01610	Don Johnson	ERRS subcontractor that was responsible for the transportation of PCB-contaminated soils to the Wayne Disposal facility.

ORGANIZATION OF RESPONSE (CONCLUDED)		
Organization	Representatives	Responsibilities
Wayne Disposal Inc. 49350 North I-94 Service Drive Belleville, Michigan (MI) 48111	Don Johnson	Facility responsible for disposal of PCB-contaminated soils.
Tolman Environmental Services 74 Maple Street Baldwinville, MA 01436	Red Tolman	ERRS subcontractor that was responsible for the delivery of mixed topsoil used for the backfilling of excavated grid areas on site.
All-Green Hydroseed 527 High Street Clinton, MA 01510 (978) 368-1519		ERRS subcontractor that was responsible for the spreading of hydro seed over excavated areas for site restoration activities on-site.
BFI Imperial Landfill 11 Boggs Road Imperial, Pennsylvania (PA)		Facility responsible for disposal of ACM waste.
Wood and Wire Fence Co. Pawtucket, RI		ERRS subcontractor that was responsible for delivery and set-up of security fence on-site.
Waste Management of New Hampshire (WMNH) - Turnkey Recycling and Environmental Enterprises (TREE) Landfill 90 Rochester Neck Road Rochester, New Hampshire (NH)		Facility responsible for disposal of ACM waste roll-off containers.
Minerva Enterprises, Inc. 9000 Minerva Road Waynsburg, Ohio (OH)		Facility responsible for disposal of ACM glove-bag waste.

3.2 Chronology of Removal Activities

Week of 26 August 2002:

On 26 August 2002, EPA OSC Mary Ellen Stanton and Shaw Environmental & Infrastructure, Inc., Emergency Rapid Response Services (ERRS) Response Manager (RM) Mike Blodgett mobilized to the site. START members Kyle Brennan and Michael Argue mobilized to the site and performed a site walk through upon arrival. START member Brennan assumed site leader (SL) responsibilities. OSC Stanton, SL Brennan, and RM Blodgett were on site for the duration of removal activities, unless otherwise noted.

A safety meeting was held to discuss the Health and Safety Plan (HASP) for the site, which was prepared by START personnel as a separate document, entitled *Health and Safety Plan for the Temple Stuart Site, Templeton, Worcester County, Massachusetts.* Prior to the initiation of site activities, the HASP was signed by all personnel. Daily health and safety meetings were held, and

START SL Brennan photodocumented site conditions for the duration of site activities. The photodocumentation log has been generated as a separate document, entitled *Photodocumentation Log for the Temple Stuart Removal Site, Templeton, Massachusetts 26 August 2002 through 2 August 2004,* and is located within the EPA Site File.

For the duration of ACM abatement and demolition activities, SL Brennan conducted perimeter ACM air sampling each work day unless weather conditions prevented it [see Appendix C - Perimeter Asbestos-Containing Material (ACM) Air Sampling Log; and for sample locations, see Appendix D - Sampling Diagrams - ACM Air Sample Location Diagram (Figure 3)]. Air monitoring was conducted in accordance with the document, entitled *Air Monitoring Plan For The Temple Stuart Site, Templeton, Worcester County, Massachusetts.*

MARCOR Remediation, Inc. (MARCOR) personnel were on site to perform ACM abatement on the first and second floors of the southern portion of Building A. For the duration of ACM abatement activities, FLI Environmental (FLI) personnel performed third-party personal ACM air sampling for MARCOR personnel.

On 28 August 2002, OSC Dan Wainberg was on site. OSCs Stanton and Wainberg, and SL Brennan collected ACM bulk samples, labeled ACM-01 through ACM-13, from the accessible portions of the on-site buildings [see Appendix D - Sampling Diagrams - ACM Bulk Sample Location Diagram (Figure 4)].

On 30 August 2002, American Paper Mills representatives Ali Amzad and John Gabayazdeh were on site to view and photograph the paper machine located in the northern portion of Building A. OSC Stanton and SL Brennan collected ACM bulk samples, labeled ACM-14 through ACM-19, from the accessible portions of the on-site buildings.

Week of 2 September 2002:

MARCOR personnel continued ACM abatement within the southern portion of Building A.

On 3 September 2002, Town of Templeton Highway Department personnel were on site to backfill an open well located in the southeastern portion of the site between the command post and Holman Street. OSC Stanton and SL Brennan collected ACM bulk samples, labeled ACM-20 through ACM-25, from the accessible portions of the on-site buildings.

On 4 September 2002, Massachusetts Department of Environmental Protection (MA DEP) representative Donald Heeley was on site to perform a site inspection. He requested that daily perimeter ACM air sample results be forwarded to him via facsimile.

On 6 September 2002, ERRS Transportation and Disposal (T&D) Coordinator Gary Benham was on site to perform segregation and hazard categorization of various small and large containers located within Building C. Containers were staged within or adjacent to the boiler room of the warehouse for disposal at an EPA approved landfill.

Week of 9 September 2002:

MARCOR personnel continued ACM abatement within the southern portion of Building A. On 9 September 2002, FLI representative Steve Macdonald was on site to collect ACM wipe samples for American Paper Mills from the paper machine parts located in the northern portion of Building A. Massachusetts Division of Occupational Safety representatives Brian Wong and Carol Tyson were on site to conduct a site inspection at the request of the OSC.

On 10 September 2002, ERRS T&D Coordinator Benham was on site to investigate the contents of containers discovered in Building E (the Garage).

On 11 September 2002, Seldon Environmental Services (SES) representative Steve Seldon and Coastal Engineering (Coastal) representative Peter Ward were on site to investigate the possible removal of the paper machine parts from the northern portion of Building A. START member Bonnie Mace arrived on site to assume site leader responsibilities for SL Brennan through 12 September 2002.

Week of 16 September 2002:

MARCOR personnel continued ACM abatement within the boiler room area of Building A.

On 17 September 2002, RM Blodgett directed MARCOR personnel to stop working in the boiler room area of Building A due to the unauthorized removal of boiler support structures by MARCOR personnel, which resulted in unsafe work area conditions. ERRS civil engineer Larry Nesbitt was on site to assess the structural integrity of the boiler room work area.

On 18 September 2002, Toupin Rigging Company (TRC) representative Donald Beland, and MARCOR representatives Paul Holtslag and J. Harer were on site to investigate the boiler room work area.

On 19 September 2002, Town of Templeton Building Commissioner Larry Brandt, Town of Templeton Board of Health Director Richard Stevens, MARCOR representative Richard Pompeo, and Charter Environmental (Charter) representative John Palmer were on site to investigate the boiler room work area.

On 20 September 2002, American Tissue Mills consultant Moussa Pessar, SES representative Selden, American Paper Company (APC) representative Donald Cutting, and F.A. Moschetti and Sons, Inc. (Moschetti) representative Frank Moschetti were on site to investigate the proposed removal of the paper machine from the northern portion of Building A, the removal of paper rolls from the on-site warehouse building, and the demolition of the warehouse building. Jay-Mor representative James Morgan and Fleet Environmental (Fleet) representatives Willy Groves and Steve Daval were on site to investigate the boiler room work area.

Week of 23 September 2002:

On 23 September 2002, START member Aaron Benoit was on site for the day to cover SL responsibilities for SL Brennan.

On 24 September 2002, Charter mobilized two Caterpillar 345B excavators, one with a grappler attachment and the other with a cutting shear attachment, and a JLG 600-S man-lift to site. The demolition of the Building A boiler room began with the removal of the metal smoke stack located on the western side. The majority of the eastern portion of the boiler room was then demolished and segregated. The brick smoke stack located on the western side of the boiler room was then removed and segregated. Building demolition debris and rubble was staged within the footprint of an un-named building on site, located between the sawdust silos and Building B. Dust suppression was conducted throughout demolition activities.

On 25 September 2002, Charter personnel continued demolition of the Building A boiler room. The southern sawdust collector adjacent to the sawdust silos was removed. Demolition of the boiler room and related adjacent structures resulted in compromised structural integrity of the southern portion of Building A. Due to the resulting unsafe work area, this structure was also demolished. A pair of smaller boilers were removed from the footprint of the boiler room, after which the larger boiler and the metal smoke stack located on the eastern side of the boiler room were removed. Debris staging and segregation continued. Demolition of the boiler room and approximately 80% of the debris removal from the footprint of the boiler room was completed.

On 26 September 2002, Charter personnel continued removing, staging, and segregating the debris from the boiler room area, and began demolishing the southern portion of Building A. Approximately 75% of the southern portion of Building A was demolished, with the southern and eastern walls of the southern portion of Building A remaining in tact. MARCOR personnel were on site and reported a total ACM accumulation of 235 ACM glove-bags and 40 ACM fiber drums, which were secured in an on-site box trailer for later T&D at an EPA-approved landfill [see Appendix E - Off-Site Disposal Summary Table]. Charter demobilized the JLG 600-S man-lift from the site on 27 September 2002.

Week of 30 September 2002:

On 30 September 2002, START Project Leader (PL) Eric Ackerman was on site for the day to cover SL responsibilities for SL Brennan. Charter personnel completed demolition, removal, staging, and segregation of the remainder of the southern portion of Building A.

On 1 October 2002, MARCOR personnel were on site to demobilize equipment. Charter personnel demobilized remaining equipment from site.

On 2 October 2002, Massachusetts State Representative Anne Gobi was on site to perform a site visit. OSC Stanton and SL Brennan collected tank samples, labeled TS/10/02/01 and TS/10/02/02, from an aboveground storage vault tank located within the southeast corner of the former Building A boiler room [see Appendix D - Sample Diagrams - Tank Sample Location Diagram (Figure 5)]. MARCOR personnel were on site to demobilize remaining equipment from site.

Week of 7 October 2002:

On 8 October 2002, EPA Section Chief (SC) David McIntyre was on site to perform a site inspection. A bid walk for demolition of the remaining structurally unsound asbestos-containing buildings was performed with SL Brennan, RM Blodgett, ERRS T&D Coordinator Benham, and representatives of DL King, DEC-TAM Corporation, North American Site Developers, Inc., Costello Dismantling Co., Inc., Advanced Building Systems, Fleet Environmental, Charter, and MARCOR in attendance. The MARCOR asbestos waste trailer, containing 235 glove bags and 40 fiber drums of ACM, was removed from the site and transported to BFI Imperial Landfill, located at 11 Boggs Road, Imperial, Pennsylvania for disposal.

On 9 October 2002, Wood and Wire Fence Co. personnel were on site to deliver and set up temporary security fencing.

Week of 14 October 2002:

CCB, Inc. (CCB) personnel removed paper machine parts from the northern portion of Building A. The paper machine parts were transported to a mill owned by APC, located in Augusta, Maine. SES representative Seldon was on site to oversee the removal of the paper machine parts for APC.

Week of 21 October 2002:

Charter personnel were on site to perform site preparations for the demolition of the structurally unsound buildings on site.

On 21 October 2002, CCB personnel were on site to complete the load out of the paper machine for APC. START member Dirk Chin-Leung was on site to aid SL Brennan in the collection of surficial soil samples from the landfill area located in the northeastern portion of the site. EPA Chemist Scott Clifford was on site with the EPA Mobile Laboratory to perform PCB analysis of soil samples collected from the landfill area. Surface soil samples labeled, SS-01 through SS-38, were collected by START personnel and submitted to the EPA Mobile Laboratory for analysis [see Appendix D - Sampling Diagrams - Landfill Surface Soil Sample Location Diagram (Figure 6)].

On 22 October 2002, EPA Chemist Scott Clifford was on site with the EPA Mobile Laboratory to continue PCB analysis of soil samples collected from the on-site landfill area. START member Chin-Leung and SL Brennan colleted surficial soil samples, labeled SS-38b through SS-52, from the landfill area. Samples were submitted to the EPA Mobile Laboratory for PCB analysis. Soil sample locations were photodocumented and recorded using the Trimble Pathfinder Global Positioning Systems (GPS) Unit.

On 24 October 2002, Charter personnel began demolishing the northern portion of Building A. Approximately 100 feet (ft) of the northern portion of Building A was demolished. Dust suppression was conducted for the duration of demolition activities.

Week of 28 October 2002:

Charter personnel continued the demolition of Buildings A and B, and performed staging and segregation of the building debris as they progressed.

On 31 October 2002, OSC Wainberg was on site to observe site activities.

Week of 4 November 2002:

Charter personnel continued the demolition of Buildings A and B, and demolished Building F (the office) in its entirety. Demolition debris was segregated and staged in separate stockpiles.

Week of 11 November 2002:

On 12 November 2002, City Delivery personnel were on site to remove three non-PCB containing transformers from Building A. The transformers were staged in the southern portion of the site for removal by the Town of Templeton Light Department.

On 14 November 2002, OSC Wainberg and EPA Environmental Response Team (ERT) member John Gilbert were on site to observe site activities. Clean Venture, Inc., (Clean Venture) personnel were on site to remove the contents of a lacquer AST located within Building B.

On 15 November 2002, START member Mandy Butterworth was on site to cover SL responsibilities for SL Brennan. SES representative Seldon; and clients Bob Welsh, Brian Caisse, Paul Repola, Frank Moschetti, Donald Cutting, and Frank Puopolo were on site to conduct an inspection of the collapsing warehouse and Building C. Charter completed the demolition of targeted buildings and performed staging and segregation of the building debris. Building C and the adjacent structurally unsound warehouse building, which contained no friable asbestos or hazardous materials, were left standing.

Week of 18 November 2002:

Charter personnel continued staging and segregating the on-site building debris, and performed load out of salvageable material until 13 December 2002.

Three ACM roll-off containers; numbered 002503, 982511, and 982516; were removed from site by Ameritech and transported to the Waste Management of New Hampshire (WMNH) - Turnkey Recycling and Environmental Enterprises (TREE) landfill, located at 90 Rochester Neck Road in Rochester, New Hampshire (NH) for disposal.

On 20 November 2002, OSC Stanton, SL Brennan, and RM Blodgett colleted surface soil samples, labeled SS/11/20/01 through SS/11/20/05, from the eastern portion of the footprint of Building B [see Appendix D - Sampling Diagrams - Building B Soil Sample Location Diagram (Figure 7)].

Week of 25 November 2002:

ERRS mobilized a Caterpillar 938F front-end loader to site.

Two ACM roll-off containers, numbered 002509 and 002510, were removed from site by Ameritech and transported to the WMNH - TREE landfill for disposal.

On 25 November 2002, START member Aaron Benoit was on site to cover SL responsibilities for SL Brennan. OSC Stanton and START member Benoit collected bulk asbestos samples, labeled AB-01 through AB-05, from a debris pile containing Building B demolition debris, which was located in an area adjacent to the on-site water tower [see Appendix D - Sampling Diagrams - ACM Bulk Debris Pile Sample Location Diagram (Figure 8)].

Week of 2 December 2002:

Four ACM roll-off containers, numbered 003009, 003011, 983005, and 993007, were removed from site by Ameritech and transported to the WMNH - TREE landfill for disposal. ACM roll-off number 003009 was received by the facility in a frozen state, the roll-off was placed in storage and allowed to thaw, and its contents were then disposed of at the landfill.

Week of 9 December 2002:

ERRS personnel performed staging and segregation of on-site building debris, site clean-up, and restoration activities.

Three ACM roll-off containers, numbered 982516, 983004, and 992047, were removed from site by Ameritech and transported to the WMNH - TREE landfill for disposal.

On 9 December 2002, Charter personnel began removing the demolition debris located in the basement of the Building A boiler room. Twelve 100-yard dump trailers of ACM were removed from the basement and transported to the WMNH - TREE landfill for disposal. Clean Venture, Inc. (Clean Venture) personnel removed the following materials from site: one 55-gallon fiber drum containing a waste caustic alkali liquid; 17 55-gallon metal drums of a state-regulated waste oil; two 55-gallon metal drums containing a state-regulated oily solid; two 55-gallon metal drums containing a combustible liquid; two 55-gallon metal drums containing a hazardous waste liquid; 10 55-gallon fiber and metal drums containing a non RCRA, non DOT regulated material; one, approximately 10-gallon, propane tank; and four fire extinguishers. Materials removed from site by Clean Venture were transported to General Chemical Corporation, located at 133 Leland Street in Framingham, MA for disposal. ERRS mobilized one Caterpillar 325 excavator with grappler attachment to site.

On 10 December 2002, Charter personnel completed removing the demolition debris from the basement of the Building A boiler room. Two 100-yard dump trailers of ACM were removed from the basement and transported to the WMNH - TREE landfill for disposal. Clean Venture personnel were on site to remove the following materials from site: one 55-gallon metal drum containing toxic waste flammable liquids; one 55-gallon metal drum containing toxic waste pesticides liquid; two 55-gallon metal drums containing toxic waste flammable liquid; two 55-gallon metal drums containing

non-toxic waste flammable liquid; one 55-gallon fiber drum containing waste aerosols; and one 55-gallon fiber drum containing waste corrosive liquid. Materials removed from site by Clean Venture were transported to Cycle Chem, Inc., located at 217 South First Street in Elizabeth, New Jersey for disposal.

On 13 December 2002, Charter personnel removed one box trailer containing 353 glove bags of ACM waste which was transported to Minerva Enterprises, Inc., located at 9000 Minerva Road, in Waynsburg, Ohio for disposal. Charter personnel demobilized all on-site equipment.

Week of 16 December 2002:

ERRS personnel performed staging and segregation of on-site building debris, site clean-up, and restoration activities.

START member Chin-Leung was on site to aid SL Brennan with the establishment of a soil sampling grid within accessible portions of the landfill area located in the northeastern portion of the site.

New England Regional Laboratory (NERL) sampling team personnel were on site with a Geoprobe® soil probing unit to collect soil boring samples to a 3-foot (ft) depth from the accessible portions of the landfill area. The EPA Mobile Laboratory mobilized to site to perform PCB analysis. Samples were collected from the grid points established by START personnel and relinquished to the EPA Mobile Laboratory for analysis [see Appendix D - Sampling Diagrams - Soil Boring Screening Results Diagram (Figure 9)].

On 16 December 2002, NERL personnel collected soil boring samples, labeled EB1 through EE2, from the eastern portion of the landfill area. ERRS personnel began demolition of the small dry kilns located east of the southern portion of Building A.

On 17 December 2002, NERL personnel collected soil boring samples, labeled CB1 through CD2 and CE2, from the central portion of the landfill area. ERRS personnel continued demolition of the dry kilns. North Country Environmental Services (North Country) personnel were on site to remove the contents of the vault tank located in the basement of the Building A boiler room. Approximately 700 gallons of product were removed from the tank, and six 55-gallon metal drums of "tank bottoms" were collected. The waste combustible liquid removed from the tank was transported to the Environmental Compliance Corporation, located at 441 R. Canton Street, in Stoughton, MA for disposal. ERRS personnel removed the tank from the basement of Building A and placed it on a flat bed trailer for transportation to Grants Scrap Yard, located in Readville, MA for disposal.

On 18 December 2002, NERL personnel collected soil boring samples, labeled CD3, CE1, CF1, and CF2, from the central portion of the landfill area, and WB1 through WC5 from the western portion of the landfill. ERRS personnel continued demolition of the dry kilns .

On 19 December 2002, ERRS personnel continued the demolition of the dry kilns. North Country personnel were on site to remove the 55-gallon drums of "tank bottoms" for disposal at Jones Environmental Services (N.E.), Inc., located at 263 Howard Street in Lowell, MA. START

personnel completed establishment of the soil sample grid in the accessible portions of the landfill area. START personnel collected soil samples, labeled SS/12/19/01 through SS/12/19/15, from the side slopes of the landfill area and relinquished samples to the EPA Mobile Laboratory for PCB analysis [see Appendix D - Sampling Diagrams - Soil Boring Screening Results Diagram (Figure 9)].

On 20 December 2002, NERL personnel collected soil boring samples, labeled A1 through A13, from the access road located south of the landfill area. ERRS personnel completed demolition of the dry kilns. START photodocumented locations of the soil samples collected from 16 December 2002 through 20 December 2002. START personnel and RM Blodgett collected bulk ACM samples, labeled ACM/12/20/01 through ACM/12/20/05, from the building debris pile located along the western portion of the footprint of Building A.

Week of 6 January 2003:

ERRS personnel performed staging and segregation of on-site building debris, site clean-up, and restoration activities.

On 6 January 2003, ERRS mobilized a 6-yard dump truck to the site.

On 8 January 2003, T&R Electric personnel were on site to remove the three non-PCB containing transformers that were staged in the southern portion of the site for the Town of Templeton Light Department.

Week of 13 January 2003:

ERRS personnel performed staging and segregation of on-site building debris, site clean-up, and restoration activities.

Week of 20 January 2003:

ERRS personnel performed staging and segregation of on-site building debris, site clean-up, and restoration activities.

On 22 January 2004, ERRS mobilized a Caterpillar 320B excavator to site.

Week of 27 January 2003:

ERRS personnel performed the load out of on-site debris, staging and segregation of on-site building debris, and site clean-up/restoration activities.

AAA Enterprises & Services, Inc. (AAA) representative Fred Hutcheson offered to remove the on-site scrap metal with no monetary compensation. AAA removed two 30-yard (yd) roll-off containers of scrap metal.

On 30 January 2003, Moschetti personnel were on site to perform the T&D of on-site demolition debris. Moschetti transported an estimated 25 tons of debris to the Waste Management Landfill located at 744 West Street, in Gardner, MA for disposal. The load was refused by the landfill and was returned to the site. T&D of the on-site ACM building debris was placed on hold until disposal could be arranged.

On 31 January 2003, ERRS demobilized the 6-yard dump truck from site.

Week of 3 February 2003:

ERRS personnel performed staging and segregation of on-site building debris, site clean-up, and restoration activities.

AAA removed one 30-yd roll-off and one 40-yd roll-off containing scrap metal from site.

Week of 10 February 2003:

ERRS personnel resumed load out of on-site debris, and continued staging/segregation of debris and site clean-up/restoration activities.

AAA removed four 30-yd roll-off containers and one 40-yd roll-off container of scrap metal from site.

On 11 February 2003, EPA Brownfields representatives James Chow and Dianne Kelley, and Montachussett Regional Planning Commission Economic Development Director Glen Eaton were on site to meet with OSC Stanton for an informational meeting.

On 12 February 2003, Moschetti personnel were on site to resume T&D of on-site demolition debris. A total of 18 loads of ACM building debris, each load estimated at 25 tons, were transported off site for disposal. For the duration of ACM building debris load out activities, debris was transported to the Waste Management Landfill located at 744 West Street, Gardner, MA, and the Waste Management Landfill located at 101 Fitchburg Road, Westminster, MA for disposal.

Week of 17 February 2003:

ERRS personnel continued load out activities, staging/segregation of building debris, and site clean-up/restoration activities.

Moschetti personnel were on site to continue the T&D of on-site demolition debris. A total of 19 loads of ACM building debris, each load estimated at 25 tons, were transported off site for disposal.

Week of 24 February 2003:

ERRS personnel continued load out activities, staging/segregation of building debris, and site clean-up/restoration activities.

Moschetti personnel were on site to continue the T&D of on-site demolition debris. A total of 29 loads of ACM building debris, each load estimated at 25 tons, were transported off site for disposal.

On 25 February 2003, APC representatives Ali Amzad and Masood Mehrabian, EPA representatives Susan Muller and Tina Hennessy, Vericlaim representative Bob Welsh, Town of Templeton Board of Health Director Richard Stevens, Town of Templeton Building Commissioner Larry Brandt, Puopolo Associates representative Frank Puopolo, Moschetti representative Frank Moschetti, SES representative Steven Selden, and APC representative Donald Cutting were on site to meet with OSC Stanton to discuss the work plan for the warehouse.

Week of 3 March 2003:

ERRS personnel continued load out activities, staging/segregation of building debris, and site clean-up/restoration activities.

Moschetti personnel were on site to continue the T&D of on-site demolition debris. A total of 24 loads of ACM building debris, each load estimated at 25 tons, were transported off site for disposal.

AAA removed 10 30-yd roll-off containers and 5 40-yd roll-off containers of scrap metal from site.

Week of 10 March 2003:

ERRS personnel continued load out activities, staging/segregation of building debris, and site clean-up/restoration activities.

Moschetti personnel were on site to continue the T&D of on-site demolition debris. Four loads of ACM building debris, each load estimated at 25 tons, were transported off site for disposal.

AAA removed three 30-yd roll-off containers and three 40-yd roll-off containers of scrap metal from site.
From 10 March 2003 through 12 March 2003, START member Sheila Wilkinson was on site to cover SL responsibilities for SL Brennan.

Week of 17 March 2003:

ERRS personnel continued load out activities, staging/segregation of building debris, and site clean-up/restoration activities.

Moschetti personnel were on site to continue the T&D of on-site demolition debris. A total of 19 loads of ACM building debris, each load estimated at 25 tons, were transported off site for disposal.

AAA removed two 30-yd roll-off containers and one 40-yd roll-off container of scrap metal from site

Lashua Trucking, Inc. (Lashua), personnel delivered four loads of cover soils, estimated at 28 yds of soil per load, for site restoration activities.

Week of 24 March 2003:

ERRS personnel continued load out activities, staging/segregation of building debris, and site clean-up/restoration activities.
Moschetti personnel were on site to continue the T&D of on-site demolition debris. A total of 11 loads of ACM building debris, each load estimated at 25 tons, were transported off site for disposal.

AAA removed three 30-yd roll-off containers and two 40-yd roll-off containers of scrap metal from site.

Week of 31 March 2003:

ERRS personnel continued load out activities, staging/segregation of building debris, and site clean-up/restoration activities.

Moschetti personnel were on site to continue the T&D of on-site demolition debris. A total of 10 loads of ACM building debris, each load estimated at 25 tons, were transported off site for disposal.

AAA removed four 30-ft. steel I-beams from site.

Lashua personnel delivered 35 loads of cover soils to site, estimated at 28 yds of soil per load, for site restoration activities.

On 31 March 2003, ERRS demobilized a Caterpillar 325 excavator from site.

Week of 7 April 2003:

ERRS personnel completed load out activities and staging/segregation of on-site building debris. Site clean-up and restoration activities continued.

Moschetti personnel were on site to complete the T&D of on-site demolition debris. A total of 10 loads of ACM building debris, each load estimated at 25 tons, were transported off site for disposal.

AAA removed one 30-yd roll-off container and one 40-yd roll-off container of scrap metal from site.

Lashua delivered 72 loads of cover soils to site, estimated to at 28 yds of soil per load, for site restoration.

On 9 April 2003, T&D of on-site demolition debris was completed.

Week of 14 April 2003:

ERRS personnel performed site clean-up and restoration activities.

Week of 21 April 2003:

ERRS personnel performed site clean-up and restoration activities.

Week of 28 April 2003:

ERRS personnel performed site clean-up and restoration activities.

On 29 April 2003, Allgreen Hydro-Seeding personnel were on site to spread hydro-seed along the southeastern slope between the command post and the southeastern and central portions of the Building A footprint. RM Blodgett demobilized from the site, and all ERRS equipment was demobilized.

Week of 12 May 2003:

OSC Stanton and SL Brennan were on site.

Between 14 May and 16 May 2003, SL Brennan and START member Mace collected surface soil samples, labeled SS-100 through SS-176 from the on-site landfill area. Two START Analytical Team members were on site to perform PCB field screening analysis of the samples [see Appendix D - Sampling Diagrams - Landfill Area Perimeter Soil Sampling Diagram (Figure 10)].

On 14 May 2003, MA DEP representatives Denise Child and Paul Olilla were on site to meet with OSC Stanton and observe sampling activities.

On 15 May 2003, MA DEP representative Denise Child was on site to meet with OSC Stanton and observe sampling activities.

On 16 May 2003, MA DEP representative Paul Olilla was on site to meet with OSC Stanton and observe sampling activities.

Week of 19 May 2003:

On 20 May 2003, SL Brennan was on site to meet the Investigation-Derived Waste (IDW) removal subcontractor, General Chemical, to perform T&D of containerized waste to the Cycle Chem Inc, facility.

Week of 9 June 2003:

MA DEP fence installation subcontractor was on site to install a chain-link fence surrounding the on-site landfill area.

Week of 4 August 2003:

SL Brennan and EPA Mobile Laboratory chemist Scott Clifford were on site.

SL Brennan and START member Bill Mahany performed an extent-of-contamination survey of the on-site building area. START personnel established a 30-ft by 30-ft sampling grid over the accessible portions of the building area using GPS waypoint navigation. Surface soil samples were collected from each accessible sample location and relinquished to the EPA Mobile Laboratory for PCB field screening analysis [see Appendix D - Sampling Diagrams - Surface Soil Sample Location Diagram (Figure 11)].

Week of 11 August 2003:

OSC Stanton, SL Brennan, and EPA Mobile Laboratory chemist Scott Clifford were on site.

SL Brennan and START member Mahany continued the extent-of-contamination survey of the on-site building area. START personnel collected subsurface soil samples from previously marked grid sample locations as determined by the OSC. Samples were relinquished to the EPA Mobile Laboratory for PCB field screening analysis [see Appendix D - Sampling Diagrams - Soil Sample Location Diagram 0'-1' (Figure 12), Soil Sample Location Diagram 1'-2' (Figure 13), Soil Sample Location Diagram 2'-3' (Figure 14), Soil Sample Location Diagram 3'-4' (Figure 15)].

Week of 1 December 2003:

OSC Mike Barry, SL Brennan, and RM Blodgett were on site.

Extent-of-contamination soil sampling activities performed by START indicated the presence of PCB-contaminated areas within the on-site building area that required excavation. For the duration of contaminated grid excavation activities performed in the building area, START personnel conducted perimeter particulate air monitoring, delineated grid areas to be excavated, collected soil samples from the floors and side walls of the excavated grid areas, and relinquished samples to the START analytical team for PCB field screening analysis [see Appendix D - Sampling Diagrams - Grid Location Diagram (Figure 16).

ERRS personnel mobilized a Caterpillar 320C excavator, a Caterpillar 320B excavator with thumb attachment, and a Caterpillar 966 front end loader to the site. For the duration of excavation activities within the building area, ERRS personnel performed the excavation of contaminated grid areas and stockpiled excavated soil within the northeastern portion of the footprint of Building A.

On 2 December 2003, Wood and Wire Fence Company personnel were on site to deliver and set up temporary security fence around the on-site building area.

On 3 December 2003, ERRS personnel began the excavation of contaminated grid areas on site. MA DEP representatives Child, Mark Noack, B. Kitay, and P. Hurley were on site to post signs on the fence surrounding the on-site landfill area located in the northern portion of the site.

On 4 December 2003, Lashua personnel were on site to deliver four loads of cover soils to site for site restoration.

On 5 December 2003, START member Thompson was on site to cover SL responsibilities for SL Brennan.

Week of 8 December 2003:

OSC Stanton, OSC Barry, SL Brennan, and RM John Kiley were on site.

On 8 December 2003, APC representative Keith Karlberg was on site to assess the structural integrity of Building C. ERRS T&D Coordinator Benham was on site to collect composite PCB soil samples from the waste soil pile for disposal characterization.

On 9 December 2003, ERRS personnel exposed a suspected concrete septic tank during excavation activities taking place west of the western connector, between the warehouse and the footprint of Building B.

On 10 December 2003, ERRS T&D Coordinator Benham was on site to collect a sample from the suspected septic tank.

Week of 15 December 2003:

SL Brennan, START member Mace, and RM Kiley were on site.

On 15 December 2003, a Mitkem courier delivered confirmation soil samples collected by START to the Mitkem Corporation, located at 175 Metro Center Boulevard, in Warwick, Rhode Island for PCB analysis.

Week of 22 December 2003:

START member Mace and RM Kiley were on site.

On 22 December 2003, ERRS personnel were on site to complete demobilization of heavy equipment and to prepare the site for demobilization. ERRS personnel secured the stockpile of PCB-contaminated soil located in the northeastern portion of the footprint of Building A with polyethylene sheeting. START and ERRS personnel demobilized from the site.

Week of 29 December 2003:

On 30 December 2003, SL Brennan was on site to perform an IDW inspection of containerized waste located in the cement structure adjacent to the sawdust silos on-site.

Week of 5 January 2004:

On 6 January 2004, SL Brennan was on site to perform an IDW inspection.

Week of 12 January 2004:

OSC Stanton, SL Brennan, RM Blodgett, and ERRS T&D Coordinator Benham were on site.

ERRS personnel mobilized a Volvo L150C front end loader to site and performed the load out of the stockpiled PCB-contaminated soil

EQ Northeast (EQ) personnel performed the T&D of PCB-contaminated soil to the Providence and Worcester Railroad facility, located at 75 Hammond Street in Worcester, MA. The soil was loaded into railcars at the facility for T&D at Wayne Disposal, Inc., located at 49350 North I-94 Service Drive in Belleville, Michigan, for the duration of load out activities. EQ personnel transported a total of four loads of soil, each estimated at 30,000 kilograms (kg).

Week of 19 January 2004:

OSC Stanton, SL Brennan, and RM Blodgett were on site.

ERRS personnel continued to perform soil load-out.

EQ personnel were on site to continue T&D of soil. A total of 33 loads of soil, each estimated at 30,000 kg, were transported off site.

On 20, 21, and 23 January 2004, ERRS T&D Coordinator Benham was on site to observe T&D activities.

On 23 January 2004, ERRS personnel completed soil load-out activities and demobilized the Volvo L150C front-end loader from site.

Week of 26 January 2004:

On 27 January 2004, SL Brennan was on site to perform an IDW inspection.

Week of 2 February 2004:

On 5 February 2004, SL Brennan was on site to perform an IDW inspection.

Week of 9 February 2004:

On 13 February 2004, START member Andrew Hill was on site to perform an IDW inspection.

Week of 16 February 2004:

On 19 February 2004, START member Craig Trimbur was on site to perform an IDW inspection.

Week of 23 February 2004:

On 24 February 2004, START member Hill was on site to meet the IDW removal subcontractor, Clean Venture, to perform T&D of the containerized waste to the Cycle Chem, Inc., facility.

Week of 19 April 2004:

OSC Stanton, SL Brennan, and RM Blodgett were on site for the remainder of site activities.

Remaining site activities included excavation of PCB-contaminated areas within the building area and site restoration. For the duration of soil excavation activities performed in the on-site building area, START analytical personnel were on site to perform PCB field screening analysis of soil samples collected from the floors and side walls of excavated areas. START personnel conducted perimeter particulate air monitoring, delineated grid areas to be excavated, collected soil samples from the excavated grid areas, and relinquished samples to the START analytical team for PCB field screening analysis.

ERRS mobilized two Komatsu PC-200 excavators and a Kawasaki 90 Z-IV front-end loader to the site.

On 21 April 2004, ERRS personnel began the excavation of contaminated grid sections in the on-site building area [see Appendix D - Sampling Diagrams - Work Zone Diagram (Figure 17)]. ERRS personnel excavated contaminated grid areas and stockpiled the soil within the northeastern portion of the footprint of Building A.

Week of 26 April 2004:

ERRS personnel continued the excavation of contaminated grid sections within the on-site building area and stockpiled the soil within the footprint of Building A.

Week of 3 May 2004:

ERRS personnel continued the excavation of contaminated grid sections within the on-site building area and stockpiled the soil within the footprint of Building A.

Week of 10 May 2004:

ERRS personnel continued the excavation of contaminated grid sections within the on-site building area and stockpiled the soil within the footprint of Building A.

On 10 May 2004, OSC Barry was on site to observe site activities.

On 12 May 2004, ERRS T&D Coordinator Benham was on site to observe site activities.

Week of 17 May 2004:

START personnel conducted perimeter particulate air monitoring and documented site activities for the remainder of removal actions.

ERRS personnel performed site restoration activities including backfilling and grading of excavated grid areas and dust suppression activities as needed for the remainder of removal actions.

On 18 May 2004, ERRS personnel completed the excavation of contaminated grid sections within the on-site building area.

On 19 May 2004, Tolman Environmental Services (Tolman) began delivery of mixed topsoil to the site which was used as backfill for the excavated grid areas. ERRS personnel began site restoration activities, including backfilling and grading of excavated grid areas.

On 20 May 2004, EPA members Angela Bonnarigo and Tina Hennessy were on site to meet with OSC Stanton. OSC Barry was on site. MADEP representative Robert Adles was on site to inspect the security fence surrounding the on-site landfill area.

On 21 May 2004, NES was on site to demobilize two Komatsu PC-200 excavators.

Week of 24 May 2004:

ERRS personnel performed site clean-up and restoration activities.

Tolman continued delivery of mixed topsoil to be used as backfill for the excavated grid areas.

Week of 31 May 2004:

ERRS personnel performed site clean-up and restoration activities.

Tolman continued delivery of mixed topsoil to site.

On 4 June 2004, ERRS personnel completed the backfilling and grading of the excavated grid areas.

Week of 7 June 2004:

ERRS personnel performed site clean-up and restoration activities.

Week of 14 June 2004:

ERRS personnel performed the load out of stockpiled soil.

EQ Northeast, Inc., personnel were on site to perform transportation and off-site disposal of stockpiled soil. The soil was transported to the Providence and Worcester Railroad facility and loaded onto railcars for T&D at the Wayne Disposal, Inc., facility. A total of 39 loads of soil, each estimated at 33,000 kg, were transported for disposal.

On 14 June 2004, ERRS T&D Coordinator Benham was on site to observe load out activities.

On 17 June 2004, Allgreen Hydro Seed representatives were on site to spread hydro-seed over the excavated grid areas on site.

Week of 21 June 2004:

ERRS personnel performed the load-out of stockpiled soil.

EQ Northeast, Inc., personnel were on site to perform transportation of stockpiled PCB-contaminated soil for off-site disposal. A total of 9 loads of soil, each estimated at 33,000 kg , were transported for disposal off site.

On 22 June 2004, soil load out activities were completed.

On 24 June 2004, Town of Templeton Fire Chief Richard Kirby; Templeton Police Chief David Whitaker; Templeton Board of Health Director Richard Stevens; Templeton Building Commissioner Larry Brand; Templeton Selectmen Jerry Skelton, Bob Columbus, and Pat Dunlavey; and APC representative Donald Cutting were on site to meet with OSC Stanton for a post-removal-action site walk. Clean Venture was on site to remove IDW. NES rentals was on site to remove a front-end loader.

Week of 28 June 2004:

ERRS personnel performed site clean-up and restoration activities.

On 1 July 2004, Wood and Wire Fence Co., personnel were on site to remove temporary security fence from site.

Week of 2 August 2004:

ERRS personnel performed site clean-up and restoration activities.

Allgreen Hydorseeding was on site to spread hydro-seed over excavated areas for site restoration purposes.

4.0 ESTIMATED COSTS OF THE REMOVAL ACTION

EPA resources committed under this Removal Action, conducted from 26 August 2002 through 2 August 2004, are summarized below:

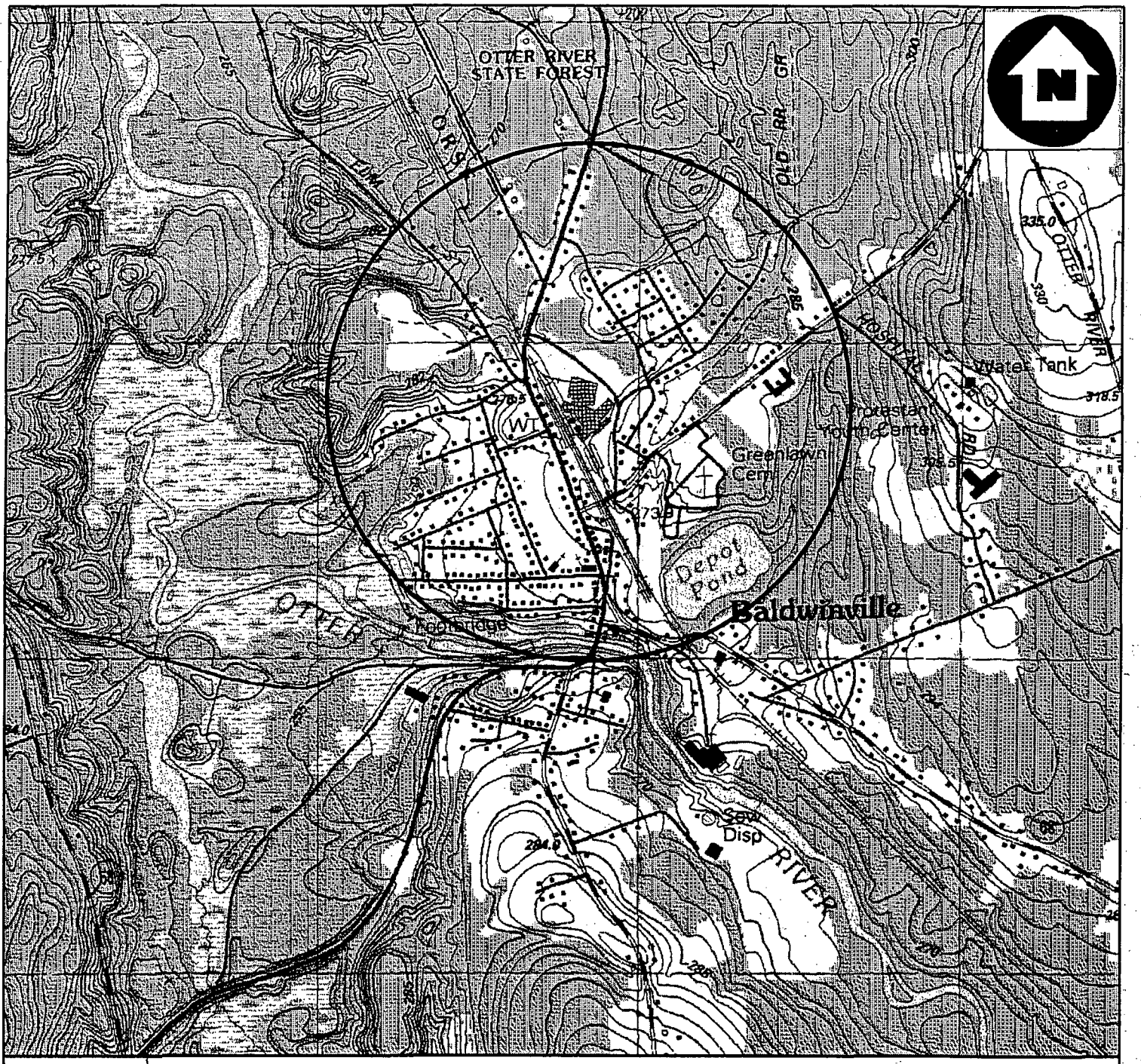
	Budgeted	Total to Date	Remaining	Percent Remaining
Extramural Costs				
ERRS	$ 1,790,000.00	$ 1,734,166.00	$ 55,834.00	3.12 %
START	$ 500,000.00	$ 327,974.00	$ 172,026.00	34.41 %
Intramural Costs				
EPA Direct (Region, HQ)	$175,000.00	$ 130,253.00	$ 44,747.00	25.57 %
Total Site Costs	$2,465,000.00	$2,192,393.00	$ 272,607.00	11.06 %

This accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

APPENDICES

Appendix A

Site Location Map (Figure 1)



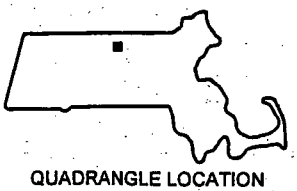
BASE MAP IS A PORTION OF THE FOLLOWING 7.5 X 15' U.S.G.S. QUADRANGLE(S):

ATHOL, MASSACHUSETTS. 1980 REVISED 1988.

0.3 0 0.3 0.6 0.9 1.2 Miles

1 0 1 Kilometers

2000 0 2000 4000 Feet



QUADRANGLE LOCATION

SITE LOCATION MAP

TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
Restoring Resource Efficiency

REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

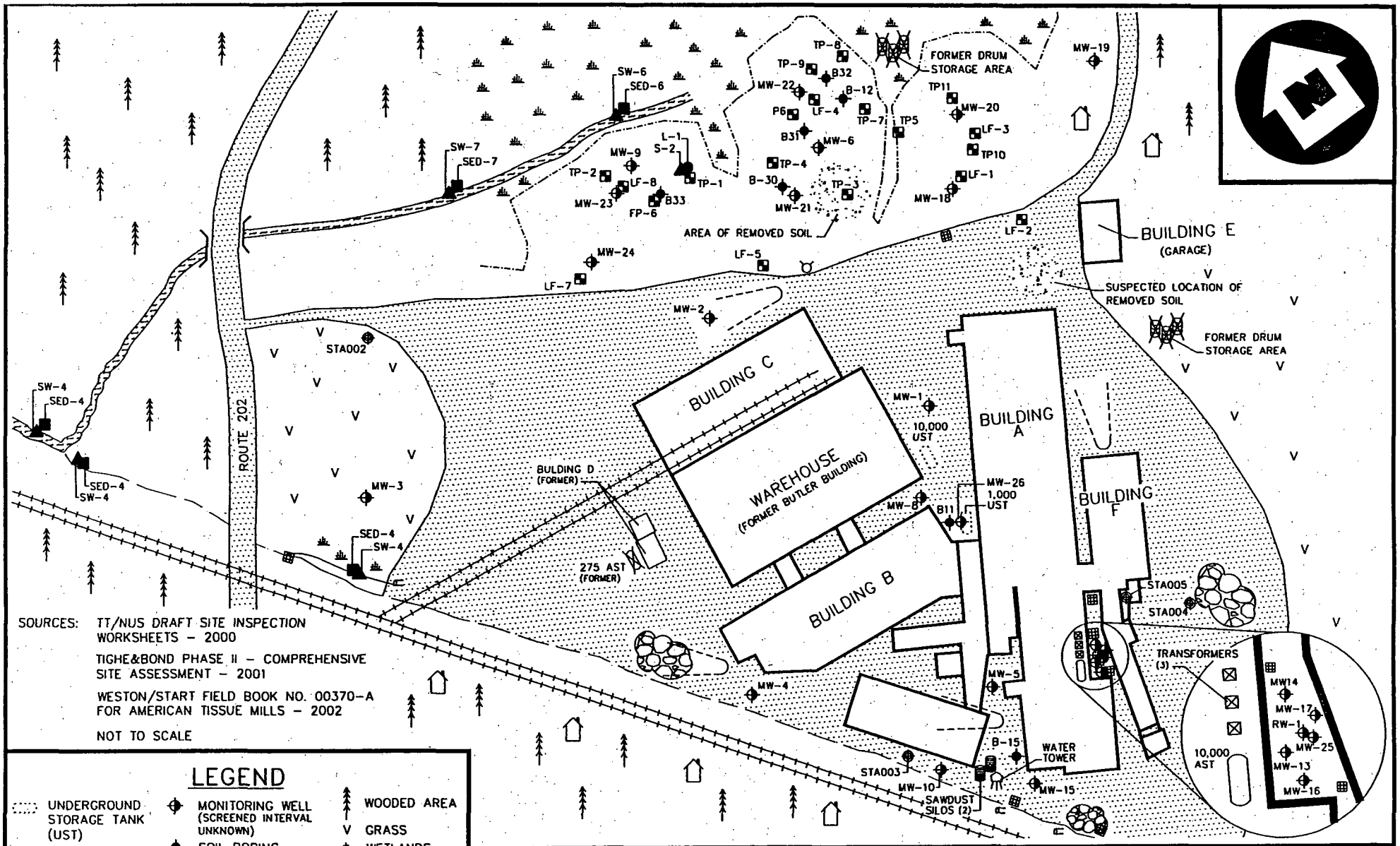
TDD #	DRAWN BY:	DATE:
04-05-0011	C. RIGA	02/22/2005

FILE NAME: E:\ARC_APRS\START2\TEMPLESTUART.APR

FIGURE 1

Appendix B

Site Diagram (Figure 2)



LEGEND

- UNDERGROUND STORAGE TANK (UST)
- ABOVEGROUND STORAGE TANK (AST)
- FORMER AST
- FORMER DRUM
- OUTFALL PIPE
- FIRE HYDRANT
- CATCHBASIN
- CULVERT
- MONITORING WELL (SCREENED INTERVAL UNKNOWN)
- SOIL BORING
- SOIL SAMPLING LOCATION
- SURFACE WATER SAMPLING LOCATION
- SEDIMENT SAMPLING LOCATION
- AIR SAMPLING LOCATION
- TEST PIT
- LANDFILL BOUNDARY
- RAILROAD TRACKS
- WOODED AREA
- GRASS
- WETLANDS
- DEBRIS PILE
- PAVED AREA
- TRANSFORMER
- SURFACE WATER
- LEACH FIELD
- RESIDENCE
- REMOVED SOIL

SITE DIAGRAM

TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
04-05-0011	S.SAXENA	03/25/02

FILE NAME: R:\04050011\FIGURES\8027_SITE DIAGRAM.DWG

FIGURE 2

Appendix C

Perimeter Asbestos-Containing Material (ACM) Air Sampling Log

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/8/28/01	Blank	-----	8/30/02	No
AS/8/28/02	1	<0.005	8/30/02	No
AS/8/28/03	2	<0.005	8/30/02	No
AS/8/28/04	3	<0.005	8/30/02	No
AS/8/28/05	4	<0.004	8/30/02	No
AS/8/28/06	5	<0.004	8/30/02	No
AS/8/28/07	6	<0.005	8/30/02	No
AS/8/29/01	Blank	-----	9/3/02	No
AS/8/29/02	1	<0.005	9/3/02	No
AS/8/29/03	2	<0.005	9/3/02	No
AS/8/29/04	3	<0.005	9/3/02	No
AS/8/29/05	4	<0.005	9/3/02	No
AS/8/29/06	5	<0.005	9/3/02	No
AS/8/29/07	6	<0.005	9/3/02	No
AS/9/3/01	Blank	-----	9/6/02	No
AS/9/3/02	1	<0.004	9/6/02	No
AS/9/3/03	2	<0.004	9/6/02	No
AS/9/3/04	3	<0.004	9/6/02	No
AS/9/3/05	4	<0.004	9/6/02	No
AS/9/3/06	5	<0.004	9/6/02	No
AS/9/3/07	6	<0.004	9/6/02	No
AS/9/4/01	Blank	-----	9/6/02	No
AS/9/4/02	1	<0.004	9/6/02	No
AS/9/4/03	2	<0.004	9/6/02	No
AS/9/4/04	3	<0.004	9/6/02	No
AS/9/4/05	4	<0.004	9/6/02	No
AS/9/4/06	5	<0.004	9/6/02	No
AS/9/4/07	6	<0.004	9/6/02	No
AS/9/5/01	Blank	-----	9/9/02	No
AS/9/5/02	1	<0.006	9/9/02	No
AS/9/5/03	2	<0.006	9/9/02	No
AS/9/5/04	3	<0.006	9/9/02	No
AS/9/5/05	4	<0.006	9/9/02	No
AS/9/5/06	5	<0.006	9/9/02	No
AS/9/5/07	6	<0.006	9/9/02	No
AS/9/9/01	Blank	-----	9/11/02	No
AS/9/9/02	1	<0.004	9/11/02	No
AS/9/9/03	2	<0.004	9/11/02	No
AS/9/9/04	3	<0.004	9/11/02	No
AS/9/9/05	4	<0.004	9/11/02	No
AS/9/9/06	5	<0.004	9/11/02	No
AS/9/9/07	6	<0.004	9/11/02	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/9/10/01	Blank	-----	9/12/02	No
AS/9/10/02	1	<0.005	9/12/02	No
AS/9/10/03	2	<0.004	9/12/02	No
AS/9/10/04	3	<0.004	9/12/02	No
AS/9/10/05	4	<0.004	9/12/02	No
AS/9/10/06	5	<0.004	9/12/02	No
AS/9/10/07	6	<0.004	9/12/02	No
AS/9/11/01	Blank	-----	9/13/02	No
AS/9/11/02	1	<0.004	9/13/02	No
AS/9/11/03	2	<0.004	9/13/02	No
AS/9/11/04	3	<0.004	9/13/02	No
AS/9/11/05	4	<0.004	9/13/02	No
AS/9/11/06	5	<0.004	9/13/02	No
AS/9/11/07	6	<0.004	9/13/02	No
AS/9/12/01	Blank	-----	9/16/02	No
AS/9/12/02	1	<0.006	9/16/02	No
AS/9/12/03	2	<0.005	9/16/02	No
AS/9/12/04	3	<0.005	9/16/02	No
AS/9/12/05	4	<0.005	9/16/02	No
AS/9/12/06	5	<0.005	9/16/02	No
AS/9/12/07	6	<0.005	9/16/02	No
AS/9/16/01	Blank	-----	9/18/02	No
AS/9/16/02	1	<0.004	9/18/02	No
AS/9/16/03	2	<0.005	9/18/02	No
AS/9/16/04	3	<0.004	9/18/02	No
AS/9/16/05	4	<0.004	9/18/02	No
AS/9/16/06	5	<0.004	9/18/02	No
AS/9/16/07	6	<0.004	9/18/02	No
AS/9/17/01	Blank	-----	9/19/02	No
AS/9/17/02	1	<0.004	9/19/02	No
AS/9/17/03	2	<0.004	9/19/02	No
AS/9/17/04	3	<0.004	9/19/02	No
AS/9/17/05	4	<0.004	9/19/02	No
AS/9/17/06	5	<0.004	9/19/02	No
AS/9/17/07	6	<0.004	9/19/02	No
AS/9/24/01	Blank	-----	9/26/02	No
AS/9/24/02	1	<0.006	9/26/02	No
AS/9/24/03	2	<0.005	9/26/02	No
AS/9/24/04	3	<0.006	9/26/02	No
AS/9/24/05	4	<0.006	9/26/02	No
AS/9/24/06	5	<0.006	9/26/02	No
AS/9/24/07	6	<0.006	9/26/02	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/9/25/01	Blank	-----	9/27/02	No
AS/9/25/02	1	<0.004	9/27/02	No
AS/9/25/03	2	<0.005	9/27/02	No
AS/9/25/04	3	<0.005	9/27/02	No
AS/9/25/05	4	<0.004	9/27/02	No
AS/9/25/06	5	<0.004	9/27/02	No
AS/9/25/07	6	<0.004	9/27/02	No
AS/9/26/01	Blank	-----	10/21/02	No
AS/9/26/02	1	<0.004	10/21/02	No
AS/9/26/03	2	<0.004	10/21/02	No
AS/9/26/04	3	<0.005	10/21/02	No
AS/9/26/05	4	<0.005	10/21/02	No
AS/9/26/06	5	<0.005	10/21/02	No
AS/9/26/07	6	<0.005	10/21/02	No
AS/9/30/01	1	<0.004	10/2/02	No
AS/9/30/02	2	<0.003	10/2/02	No
AS/9/30/03	3	<0.003	10/2/02	No
AS/9/30/04	4	<0.004	10/2/02	No
AS/9/30/05	5	<0.004	10/2/02	No
AS/9/30/06	6	<0.004	10/2/02	No
AS/9/30/07	Blank	-----	10/2/02	No
AS/10/24/01	Blank	-----	10/28/02	No
AS/10/24/02	1	<0.006	10/28/02	No
AS/10/24/03	2	<0.006	10/28/02	No
AS/10/24/04	3	<0.006	10/28/02	No
AS/10/24/05	4	<0.006	10/28/02	No
AS/10/24/06	5	<0.006	10/28/02	No
AS/10/24/07	6	<0.006	10/28/02	No
AS/10/24/08	7	<0.006	10/28/02	No
AS/10/24/09	8	<0.006	10/28/02	No
AS/10/25/01	Blank	-----	10/29/02	No
AS/10/25/02	1	<0.005	10/29/02	No
AS/10/25/03	2	<0.005	10/29/02	No
AS/10/25/04	3	<0.005	10/29/02	No
AS/10/25/05	4	<0.005	10/29/02	No
AS/10/25/06	5	<0.005	10/29/02	No
AS/10/25/07	6	<0.005	10/29/02	No
AS/10/25/08	7	<0.005	10/29/02	No
AS/10/25/09	8	<0.005	10/29/02	No
AS/10/28/01	Blank	-----	10/30/02	No
AS/10/28/02	1	<0.005	10/30/02	No
AS/10/28/03	2	<0.005	10/30/02	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/10/28/04	3	<0.005	10/30/02	No
AS/10/28/05	4	<0.005	10/30/02	No
AS/10/28/06	5	<0.005	10/30/02	No
AS/10/28/07	6	<0.005	10/30/02	No
AS/10/28/08	7	<0.005	10/30/02	No
AS/10/28/09	8	<0.005	10/30/02	No
AS/10/29/01	Blank	-----	10/31/02	No
AS/10/29/02	1	<0.005	10/31/02	No
AS/10/29/03	2	<0.005	10/31/02	No
AS/10/29/04	3	<0.005	10/31/02	No
AS/10/29/05	4	<0.005	10/31/02	No
AS/10/29/06	5	<0.005	10/31/02	No
AS/10/29/07	6	<0.005	10/31/02	No
AS/10/29/08	7	<0.005	10/31/02	No
AS/10/29/09	8	<0.005	10/31/02	No
AS/10/30/01	Blank	-----	11/1/02	No
AS/10/30/02	1	<0.005	11/1/02	No
AS/10/30/03	2	<0.005	11/1/02	No
AS/10/30/04	3	<0.005	11/1/02	No
AS/10/30/05	4	<0.005	11/1/02	No
AS/10/30/06	5	<0.005	11/1/02	No
AS/10/30/07	6	<0.005	11/1/02	No
AS/10/30/08	7	<0.005	11/1/02	No
AS/10/30/09	8	<0.005	11/1/02	No
AS/11/1/01	Blank	-----	11/5/02	No
AS/11/1/02	1	<0.005	11/5/02	No
AS/11/1/03	2	<0.005	11/5/02	No
AS/11/1/04	3	<0.005	11/5/02	No
AS/11/1/05	4	<0.005	11/5/02	No
AS/11/1/06	5	<0.005	11/5/02	No
AS/11/1/07	6	<0.005	11/5/02	No
AS/11/1/08	7	<0.005	11/5/02	No
AS/11/1/09	8	<0.005	11/5/02	No
AS/11/4/01	Blank	-----	11/6/02	No
AS/11/4/02	1	<0.005	11/6/02	No
AS/11/4/03	2	<0.005	11/6/02	No
AS/11/4/04	3	<0.005	11/6/02	No
AS/11/4/05	4	<0.005	11/6/02	No
AS/11/4/06	5	<0.005	11/6/02	No
AS/11/4/07	6	<0.005	11/6/02	No
AS/11/4/08	7	<0.005	11/6/02	No
AS/11/4/09	8	<0.005	11/6/02	No
AS/11/5/01	Blank	-----	11/7/02	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/11/5/02	1	<0.005	11/7/02	No
AS/11/5/03	2	<0.005	11/7/02	No
AS/11/5/04	3	<0.005	11/7/02	No
AS/11/5/05	4	<0.005	11/7/02	No
AS/11/5/06	5	<0.005	11/7/02	No
AS/11/5/07	6	<0.005	11/7/02	No
AS/11/5/08	7	<0.005	11/7/02	No
AS/11/5/09	8	<0.005	11/7/02	No
AS/11/8/01	Blank	-----	11/12/02	No
AS/11/8/02	1	<0.005	11/12/02	No
AS/11/8/03	2	<0.005	11/12/02	No
AS/11/8/04	3	<0.005	11/12/02	No
AS/11/8/05	4	<0.005	11/12/02	No
AS/11/8/06	5	<0.005	11/12/02	No
AS/11/8/07	6	<0.005	11/12/02	No
AS/11/8/08	7	<0.005	11/12/02	No
AS/11/8/09	8	<0.005	11/12/02	No
AS/11/12/01	Blank	-----	11/14/02	No
AS/11/12/02	1	<0.017	11/14/02	No
AS/11/12/03	2	<0.016	11/14/02	No
AS/11/12/04	3	<0.016	11/14/02	No
AS/11/12/05	4	<0.016	11/14/02	No
AS/11/12/06	5	<0.017	11/14/02	No
AS/11/12/07	6	<0.017	11/14/02	No
AS/11/12/08	7	<0.017	11/14/02	No
AS/11/12/09	8	<0.017	11/14/02	No
AS/11/14/01	Blank	-----	11/18/02	No
AS/11/14/02	1	<0.005	11/18/02	No
AS/11/14/03	2	<0.005	11/18/02	No
AS/11/14/04	3	<0.005	11/18/02	No
AS/11/14/05	4	<0.005	11/18/02	No
AS/11/14/06	5	<0.005	11/18/02	No
AS/11/14/07	6	<0.005	11/18/02	No
AS/11/14/08	7	<0.005	11/18/02	No
AS/11/14/09	8	<0.005	11/18/02	No
AS/11/15/01	1	<0.004	11/19/02	No
AS/11/15/02	2	<0.004	11/19/02	No
AS/11/15/03	3	<0.004	11/19/02	No
AS/11/15/04	4	<0.004	11/19/02	No
AS/11/15/05	5	<0.004	11/19/02	No
AS/11/15/06	6	<0.004	11/19/02	No
AS/11/15/07	7	<0.004	11/19/02	No
AS/11/15/08	8	<0.004	11/19/02	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/11/15/09	Blank	-----	11/19/02	No
AS/11/18/01	Blank	-----	11/20/02	No
AS/11/18/02	1	<0.005	11/20/02	No
AS/11/18/03	2	<0.005	11/20/02	No
AS/11/18/04	3	<0.005	11/20/02	No
AS/11/18/05	4	<0.005	11/20/02	No
AS/11/18/06	5	<0.005	11/20/02	No
AS/11/18/07	6	<0.005	11/20/02	No
AS/11/18/08	7	<0.005	11/20/02	No
AS/11/18/09	8	<0.005	11/20/02	No
AS/11/19/01	Blank	-----	11/21/02	No
AS/11/19/02	1	<0.005	11/21/02	No
AS/11/19/03	2	<0.005	11/21/02	No
AS/11/19/04	3	<0.005	11/21/02	No
AS/11/19/05	4	<0.005	11/21/02	No
AS/11/19/06	5	<0.004	11/21/02	No
AS/11/19/07	6	<0.005	11/21/02	No
AS/11/19/08	7	<0.005	11/21/02	No
AS/11/19/09	8	<0.005	11/21/02	No
AS/11/20/01	Blank	-----	11/22/02	No
AS/11/20/02	1	<0.004	11/22/02	No
AS/11/20/03	2	<0.004	11/22/02	No
AS/11/20/04	3	<0.004	11/22/02	No
AS/11/20/05	4	<0.004	11/22/02	No
AS/11/20/06	5	<0.004	11/22/02	No
AS/11/20/07	6	<0.005	11/22/02	No
AS/11/20/08	7	<0.005	11/22/02	No
AS/11/20/09	8	<0.005	11/22/02	No
AS/11/21/01	Blank	-----	11/25/02	No
AS/11/21/02	1	<0.004	11/25/02	No
AS/11/21/03	2	<0.004	11/25/02	No
AS/11/21/04	3	<0.004	11/25/02	No
AS/11/21/05	4	<0.004	11/25/02	No
AS/11/21/06	5	<0.004	11/25/02	No
AS/11/21/07	6	<0.004	11/25/02	No
AS/11/21/08	7	<0.004	11/25/02	No
AS/11/21/09	8	<0.004	11/25/02	No
AS/11/25/01	Blank	-----	11/27/02	No
AS/11/25/02	1	<0.005	11/27/02	No
AS/11/25/03	2	<0.005	11/27/02	No
AS/11/25/04	3	<0.004	11/27/02	No
AS/11/25/05	4	<0.004	11/27/02	No
AS/11/25/06	5	<0.004	11/27/02	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/11/25/07	6	<0.004	11/27/02	No
AS/11/25/08	7	<0.004	11/27/02	No
AS/11/25/09	8	0.005	11/27/02	No
AS/11/26/01	Blank	-----	12/2/02	No
AS/11/26/02	1	<0.005	12/2/02	No
AS/11/26/03	2	<0.005	12/2/02	No
AS/11/26/04	3	<0.005	12/2/02	No
AS/11/26/05	4	<0.005	12/2/02	No
AS/11/26/06	5	<0.005	12/2/02	No
AS/11/26/07	6	<0.005	12/2/02	No
AS/11/26/08	7	<0.005	12/2/02	No
AS/11/26/09	8	<0.005	12/2/02	No
AS/12/2/01	Blank	-----	12/4/02	No
AS/12/2/02	1	<0.005	12/4/02	No
AS/12/2/03	2	<0.005	12/4/02	No
AS/12/2/04	3	<0.004	12/4/02	No
AS/12/2/05	4	<0.004	12/4/02	No
AS/12/2/06	5	<0.004	12/4/02	No
AS/12/2/07	6	<0.004	12/4/02	No
AS/12/2/08	7	<0.005	12/4/02	No
AS/12/2/09	8	<0.004	12/4/02	No
AS/12/10/01	Blank	-----	12/12/02	No
AS/12/10/02	1	<0.005	12/12/02	No
AS/12/10/03	2	<0.005	12/12/02	No
AS/12/10/04	3	<0.005	12/12/02	No
AS/12/10/05	4	<0.005	12/12/02	No
AS/12/10/06	5	<0.005	12/12/02	No
AS/12/10/07	6	<0.005	12/12/02	No
AS/12/10/08	7	<0.005	12/12/02	No
AS/12/10/09	8	0.005	12/12/02	No
AS/1/10/01	Blank	-----	1/14/03	No
AS/1/10/02	1	<0.005	1/14/03	No
AS/1/10/03	2	<0.005	1/14/03	No
AS/1/10/04	3	<0.005	1/14/03	No
AS/1/10/05	4	<0.005	1/14/03	No
AS/1/10/06	5	<0.005	1/14/03	No
AS/1/10/07	6	<0.005	1/14/03	No
AS/1/13/01	Blank	-----	1/15/03	No
AS/1/13/02	1	<0.005	1/15/03	No
AS/1/13/03	2	<0.005	1/15/03	No
AS/1/13/04	3	<0.005	1/15/03	No
AS/1/13/05	4	<0.005	1/15/03	No
AS/1/13/06	5	<0.005	1/15/03	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/1/13/07	6	<0.005	1/15/03	No
AS/1/14/01	Blank	-----	1/16/03	No
AS/1/14/02	1	<0.005	1/16/03	No
AS/1/14/03	2	<0.005	1/16/03	No
AS/1/14/04	3	<0.005	1/16/03	No
AS/1/14/05	4	<0.005	1/16/03	No
AS/1/14/06	5	<0.005	1/16/03	No
AS/1/14/07	6	<0.005	1/16/03	No
AS/1/15/01	Blank	-----	1/17/03	No
AS/1/15/02	1	<0.005	1/17/03	No
AS/1/15/03	2	<0.005	1/17/03	No
AS/1/15/04	3	<0.005	1/17/03	No
AS/1/15/05	4	<0.005	1/17/03	No
AS/1/15/06	5	<0.005	1/17/03	No
AS/1/15/07	6	<0.005	1/17/03	No
AS/1/16/01	Blank	-----	1/20/03	No
AS/1/16/02	1	<0.005	1/20/03	No
AS/1/16/03	2	<0.005	1/20/03	No
AS/1/16/04	3	<0.005	1/20/03	No
AS/1/16/05	4	<0.005	1/20/03	No
AS/1/16/06	5	<0.005	1/20/03	No
AS/1/16/07	6	<0.005	1/20/03	No
AS/1/17/01	Blank	-----	1/21/03	No
AS/1/17/02	1	<0.005	1/21/03	No
AS/1/17/03	2	<0.005	1/21/03	No
AS/1/17/04	3	<0.005	1/21/03	No
AS/1/17/05	4	<0.005	1/21/03	No
AS/1/17/06	5	<0.005	1/21/03	No
AS/1/17/07	6	<0.005	1/21/03	No
AS/1/20/01	Blank	-----	1/22/03	No
AS/1/20/02	1	<0.005	1/22/03	No
AS/1/20/03	2	<0.005	1/22/03	No
AS/1/20/04	3	<0.005	1/22/03	No
AS/1/20/05	4	<0.005	1/22/03	No
AS/1/20/06	5	<0.005	1/22/03	No
AS/1/20/07	6	<0.005	1/22/03	No
AS/1/21/01	Blank	-----	1/23/03	No
AS/1/21/02	1	<0.005	1/23/03	No
AS/1/21/03	2	<0.005	1/23/03	No
AS/1/21/04	3	<0.005	1/23/03	No
AS/1/21/05	4	<0.005	1/23/03	No
AS/1/21/06	5	<0.005	1/23/03	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/1/21/07	6	<0.005	1/23/03	No
AS/1/23/01	Blank	-----	1/27/03	No
AS/1/23/02	1	<0.005	1/27/03	No
AS/1/23/03	2	<0.005	1/27/03	No
AS/1/23/04	3	<0.005	1/27/03	No
AS/1/23/05	4	<0.005	1/27/03	No
AS/1/23/06	5	<0.005	1/27/03	No
AS/1/23/07	6	<0.005	1/27/03	No
AS/1/24/01	Blank	-----	1/28/03	No
AS/1/24/02	1	<0.005	1/28/03	No
AS/1/24/03	2	<0.005	1/28/03	No
AS/1/24/04	3	<0.005	1/28/03	No
AS/1/24/05	4	<0.005	1/28/03	No
AS/1/24/06	5	<0.005	1/28/03	No
AS/1/24/07	6	<0.005	1/28/03	No
AS/1/28/01	Blank	-----	1/30/03	No
AS/1/28/02	1	<0.005	1/30/03	No
AS/1/28/03	2	<0.005	1/30/03	No
AS/1/28/04	3	<0.005	1/30/03	No
AS/1/28/05	4	<0.005	1/30/03	No
AS/1/28/06	5	<0.005	1/30/03	No
AS/1/28/07	6	<0.005	1/30/03	No
AS/1/29/01	Blank	-----	2/3/03	No
AS/1/29/02	1	<0.005	2/3/03	No
AS/1/29/03	2	<0.005	2/3/03	No
AS/1/29/04	3	<0.005	2/3/03	No
AS/1/29/05	4	<0.005	2/3/03	No
AS/1/29/06	5	<0.005	2/3/03	No
AS/1/29/07	6	<0.005	2/3/03	No
AS/2/6/01	Blank	-----	2/10/03	No
AS/2/6/02	1	<0.005	2/10/03	No
AS/2/6/03	2	<0.005	2/10/03	No
AS/2/6/04	3	<0.005	2/10/03	No
AS/2/6/05	4	<0.005	2/10/03	No
AS/2/6/06	5	<0.005	2/10/03	No
AS/2/6/07	6	<0.005	2/10/03	No
AS/2/10/01	Blank	-----	2/13/03	No
AS/2/10/02	1	<0.005	2/13/03	No
AS/2/10/03	2	<0.005	2/13/03	No
AS/2/10/04	3	<0.005	2/13/03	No
AS/2/10/05	4	<0.005	2/13/03	No
AS/2/10/06	5	<0.005	2/13/03	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/2/10/07	6	<0.005	2/13/03	No
AS/2/11/01	Blank	-----	2/14/03	No
AS/2/11/02	1	<0.005	2/14/03	No
AS/2/11/03	2	<0.005	2/14/03	No
AS/2/11/04	3	<0.005	2/14/03	No
AS/2/11/05	4	<0.005	2/14/03	No
AS/2/11/06	5	<0.005	2/14/03	No
AS/2/11/07	6	<0.005	2/14/03	No
AS/2/13/01	Blank	-----	2/17/03	No
AS/2/13/02	1	<0.005	2/17/03	No
AS/2/13/03	2	<0.005	2/17/03	No
AS/2/13/04	3	<0.005	2/17/03	No
AS/2/13/05	4	<0.005	2/17/03	No
AS/2/13/06	5	<0.005	2/17/03	No
AS/2/13/07	6	<0.005	2/17/03	No
AS/2/14/01	Blank	-----	2/24/03	No
AS/2/14/02	1	<0.005	2/24/03	No
AS/2/14/03	2	<0.005	2/24/03	No
AS/2/14/04	3	<0.005	2/24/03	No
AS/2/14/05	4	<0.005	2/24/03	No
AS/2/14/06	5	<0.005	2/24/03	No
AS/2/14/07	6	<0.005	2/24/03	No
AS/2/19/01	Blank	-----	2/21/03	No
AS/2/19/02	1	<0.005	2/21/03	No
AS/2/19/03	2	<0.005	2/21/03	No
AS/2/19/04	3	<0.005	2/21/03	No
AS/2/19/05	4	<0.005	2/21/03	No
AS/2/19/06	5	<0.005	2/21/03	No
AS/2/19/07	6	<0.005	2/21/03	No
AS/2/20/01	Blank	-----	2/24/03	No
AS/2/20/02	1	<0.005	2/24/03	No
AS/2/20/03	2	<0.005	2/24/03	No
AS/2/20/04	3	<0.005	2/24/03	No
AS/2/20/05	4	<0.005	2/24/03	No
AS/2/20/06	5	<0.005	2/24/03	No
AS/2/20/07	6	<0.005	2/24/03	No
AS/2/24/01	Blank	-----	2/26/03	No
AS/2/24/02	1	<0.005	2/26/03	No
AS/2/24/03	2	<0.005	2/26/03	No
AS/2/24/04	3	<0.005	2/26/03	No
AS/2/24/05	4	<0.005	2/26/03	No
AS/2/24/06	5	<0.005	2/26/03	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/2/24/07	6	<0.005	2/26/03	No
AS/2/25/01	Blank	-----	2/27/03	No
AS/2/25/02	1	<0.005	2/27/03	No
AS/2/25/03	2	<0.005	2/27/03	No
AS/2/25/04	3	<0.005	2/27/03	No
AS/2/25/05	4	<0.005	2/27/03	No
AS/2/25/06	5	<0.005	2/27/03	No
AS/2/25/07	6	<0.005	2/27/03	No
AS/2/26/01	Blank	-----	2/28/03	No
AS/2/26/02	1	<0.005	2/28/03	No
AS/2/26/03	2	<0.005	2/28/03	No
AS/2/26/04	3	<0.005	2/28/03	No
AS/2/26/05	4	<0.005	2/28/03	No
AS/2/26/06	5	<0.005	2/28/03	No
AS/2/26/07	6	<0.005	2/28/03	No
AS/2/27/01	Blank	-----	3/3/03	No
AS/2/27/02	1	<0.005	3/3/03	No
AS/2/27/03	2	<0.005	3/3/03	No
AS/2/27/04	3	<0.005	3/3/03	No
AS/2/27/05	4	<0.005	3/3/03	No
AS/2/27/06	5	<0.005	3/3/03	No
AS/2/27/07	6	<0.005	3/3/03	No
AS/3/4/01	Blank	-----	3/6/03	No
AS/3/4/02	1	<0.005	3/6/03	No
AS/3/4/03	2	<0.005	3/6/03	No
AS/3/4/04	3	<0.005	3/6/03	No
AS/3/4/05	4	<0.005	3/6/03	No
AS/3/4/06	5	<0.005	3/6/03	No
AS/3/4/07	6	<0.005	3/6/03	No
AS/3/7/01	Blank	-----	3/13/03	No
AS/3/7/02	1	<0.005	3/13/03	No
AS/3/7/03	2	<0.005	3/13/03	No
AS/3/7/04	3	<0.005	3/13/03	No
AS/3/7/05	4	<0.005	3/13/03	No
AS/3/7/06	5	<0.005	3/13/03	No
AS/3/7/07	6	<0.005	3/13/03	No
AS/3/10/01	1	<0.004	3/13/03	No
AS/3/10/02	2	<0.004	3/13/03	No
AS/3/10/03	3	<0.004	3/13/03	No
AS/3/10/04	4	<0.004	3/13/03	No
AS/3/10/05	5	<0.004	3/13/03	No
AS/3/10/06	6	<0.004	3/13/03	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/3/10/07	Blank	-----	3/13/03	No
AS/3/11/01	1	<0.005	3/13/03	No
AS/3/11/02	2	<0.005	3/13/03	No
AS/3/11/03	3	<0.004	3/13/03	No
AS/3/11/04	4	<0.004	3/13/03	No
AS/3/11/05	5	<0.004	3/13/03	No
AS/3/11/06	6	<0.004	3/13/03	No
AS/3/11/07	Blank	-----	3/13/03	No
AS/3/12/01	1	<0.004	3/14/03	No
AS/3/12/02	2	<0.004	3/14/03	No
AS/3/12/03	3	<0.004	3/14/03	No
AS/3/12/04	4	<0.004	3/14/03	No
AS/3/12/05	5	<0.004	3/14/03	No
AS/3/12/06	6	<0.004	3/14/03	No
AS/3/12/07	Blank	-----	3/14/03	No
AS/3/14/01	Blank	-----	3/18/03	No
AS/3/14/02	1	<0.005	3/18/03	No
AS/3/14/03	2	<0.005	3/18/03	No
AS/3/14/04	3	<0.005	3/18/03	No
AS/3/14/05	4	<0.005	3/18/03	No
AS/3/14/06	5	<0.005	3/18/03	No
AS/3/14/07	6	<0.005	3/18/03	No
AS/3/17/01	Blank	-----	3/19/03	No
AS/3/17/02	1	<0.004	3/19/03	No
AS/3/17/03	2	<0.004	3/19/03	No
AS/3/17/04	3	<0.004	3/19/03	No
AS/3/17/05	4	<0.004	3/19/03	No
AS/3/17/06	5	<0.004	3/19/03	No
AS/3/17/07	6	<0.004	3/19/03	No
AS/3/18/01	Blank	-----	3/20/03	No
AS/3/18/02	1	<0.005	3/20/03	No
AS/3/18/03	2	<0.005	3/20/03	No
AS/3/18/04	3	<0.004	3/20/03	No
AS/3/18/05	4	<0.005	3/20/03	No
AS/3/18/06	5	<0.004	3/20/03	No
AS/3/18/07	6	<0.004	3/20/03	No
AS/3/19/01	Blank	-----	3/21/03	No
AS/3/19/02	1	<0.005	3/21/03	No
AS/3/19/03	2	<0.005	3/21/03	No
AS/3/19/04	3	<0.004	3/21/03	No
AS/3/19/05	4	<0.004	3/21/03	No
AS/3/19/06	5	<0.005	3/21/03	No

Perimeter Asbestos-Containing Material (ACM)
Air Sampling Log

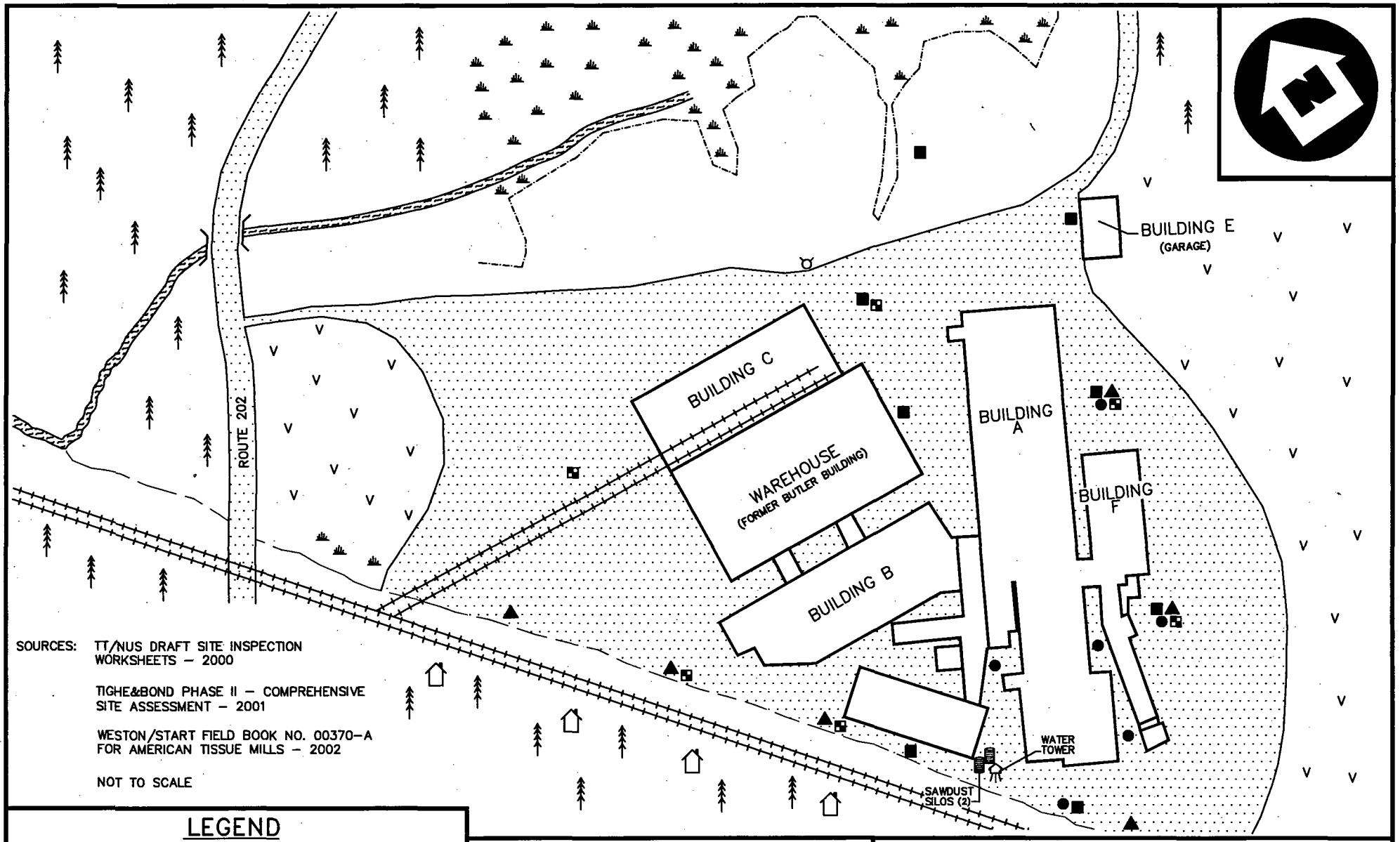
Temple Stuart Site, Baldwinville, Massachusetts

Sample ID	Sample Location	Analytical Results	Date Data Received	TEM Analysis Yes/No
AS/3/19/07	6	<0.005	3/21/03	No
AS/3/20/01	Blank	-----	3/24/03	No
AS/3/20/02	1	<0.005	3/24/03	No
AS/3/20/03	2	<0.005	3/24/03	No
AS/3/20/04	3	<0.005	3/24/03	No
AS/3/20/05	4	<0.005	3/24/03	No
AS/3/20/06	5	<0.005	3/24/03	No
AS/3/20/07	6	<0.005	3/24/03	No
AS/3/24/01	Blank	-----	3/26/03	No
AS/3/24/02	1	<0.005	3/26/03	No
AS/3/24/03	2	<0.004	3/26/03	No
AS/3/24/04	3	<0.004	3/26/03	No
AS/3/24/05	4	<0.004	3/26/03	No
AS/3/24/06	5	<0.004	3/26/03	No
AS/3/24/07	6	<0.005	3/26/03	No
AS/3/25/01	Blank	-----	3/27/03	No
AS/3/25/02	1	<0.004	3/27/03	No
AS/3/25/03	2	<0.005	3/27/03	No
AS/3/25/04	3	<0.004	3/27/03	No
AS/3/25/05	4	<0.004	3/27/03	No
AS/3/25/06	5	<0.004	3/27/03	No
AS/3/25/07	6	<0.005	3/27/03	No

Appendix D

Sampling Diagrams

ACM Air Sample Location Diagram (Figure 3)
ACM Bulk Sample Location Diagram (Figure 4)
Tank Sample Location Diagram (Figure 5)
Landfill Surface Soil Sample Location Diagram (Figure 6)
Building B Soil Sample Location Diagram (Figure 7)
ACM Bulk Debris Pile Sample Location Diagram (Figure 8)
Soil Boring Screening Results Diagram (Figure 9)
Landfill Area Perimeter Soil Sampling Diagram (Figure 10)
Surface Soil Sample Location Diagram (Figure 11)
Soil Sample Location Diagram 0'-1' (Figure 12)
Soil Sample Location Diagram 1'-2' (Figure 13)
Soil Sample Location Diagram 2'-3' (Figure 14)
Soil Sample Location Diagram 3'-4' (Figure 15)
Grid Location Diagram (Figure 16)
Work Zone Diagram (Figure 17)



SOURCES: TT/NUS DRAFT SITE INSPECTION WORKSHEETS – 2000

TIGHE&BOND PHASE II – COMPREHENSIVE SITE ASSESSMENT – 2001

WESTON/START FIELD BOOK NO. 00370-A FOR AMERICAN TISSUE MILLS – 2002

NOT TO SCALE

LEGEND

- V GRASS
- WETLANDS
- LANDFILL BOUNDARY
- RAILROAD TRACKS
- WOODED AREA
- CULVERT
- FIRE HYDRANT
- SURFACE WATER
- PAVED AREA
- RESIDENCE
- ● ACM AIR SAMPLE LOCATION COLLECTED DURING 08/28/02 TO 09/17/02
- ▲ ACM AIR SAMPLE LOCATION COLLECTED DURING 09/24/02 TO 09/30/02
- ■ ACM AIR SAMPLE LOCATION COLLECTED DURING 10/24/02 TO 12/10/02
- ■ ACM AIR SAMPLE LOCATION COLLECTED DURING 01/10/03 TO 03/25/03

ACM AIR SAMPLE LOCATION DIAGRAM

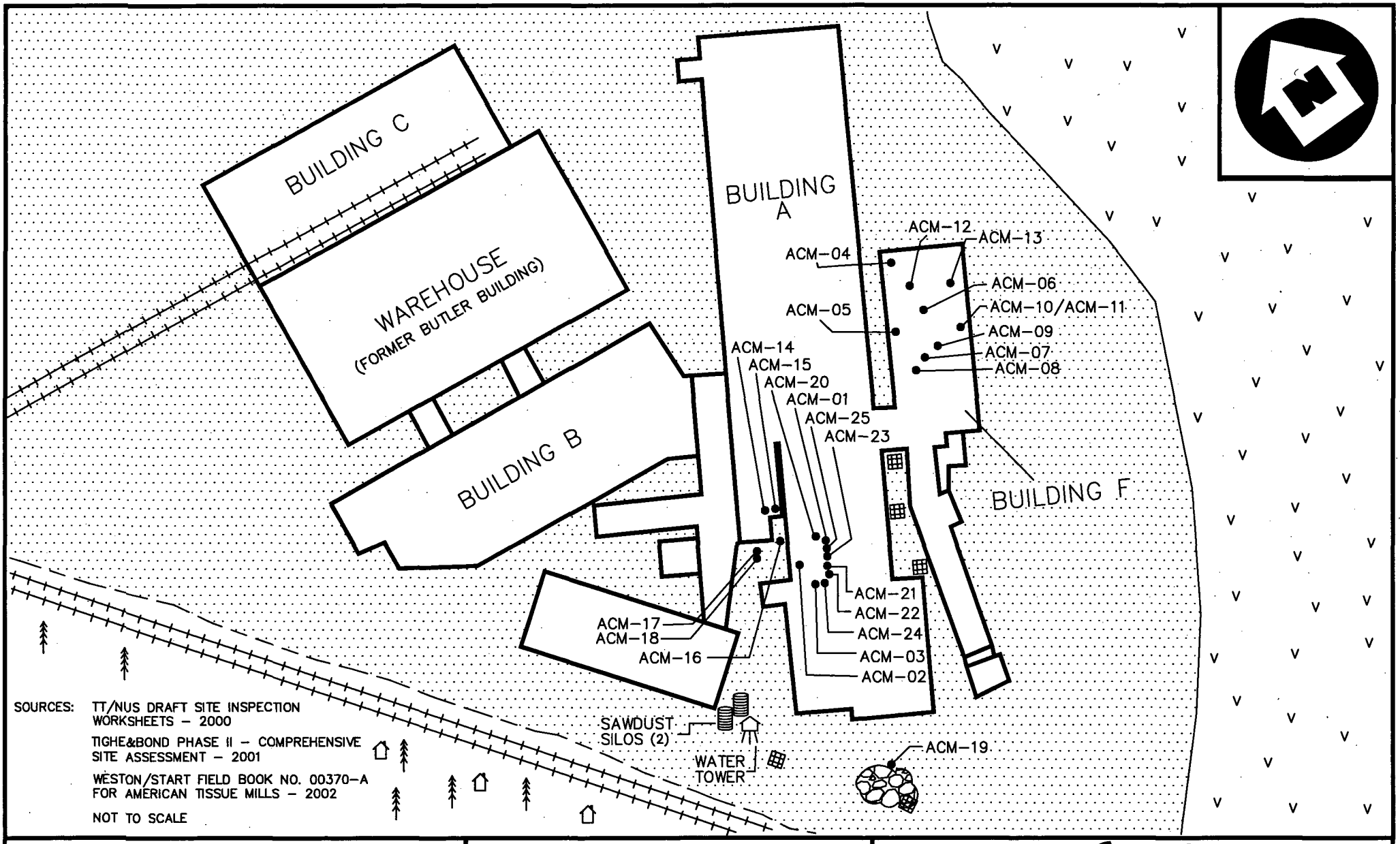
TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
04-05-0011	K. BRENNAN	02/17/05

FILE NAME: R:\04050011\FIGURES\8027_ACM AIR.DWG

FIGURE 3



LEGEND

- BULK ACM SAMPLE LOCATION
- DEBRIS PILE
- PAVED AREA
- RESIDENCE
- WETLANDS
- CATCHBASIN
- V GRASS
- RAILROAD TRACKS
- WOODED AREA

ACM BULK SAMPLE LOCATION DIAGRAM

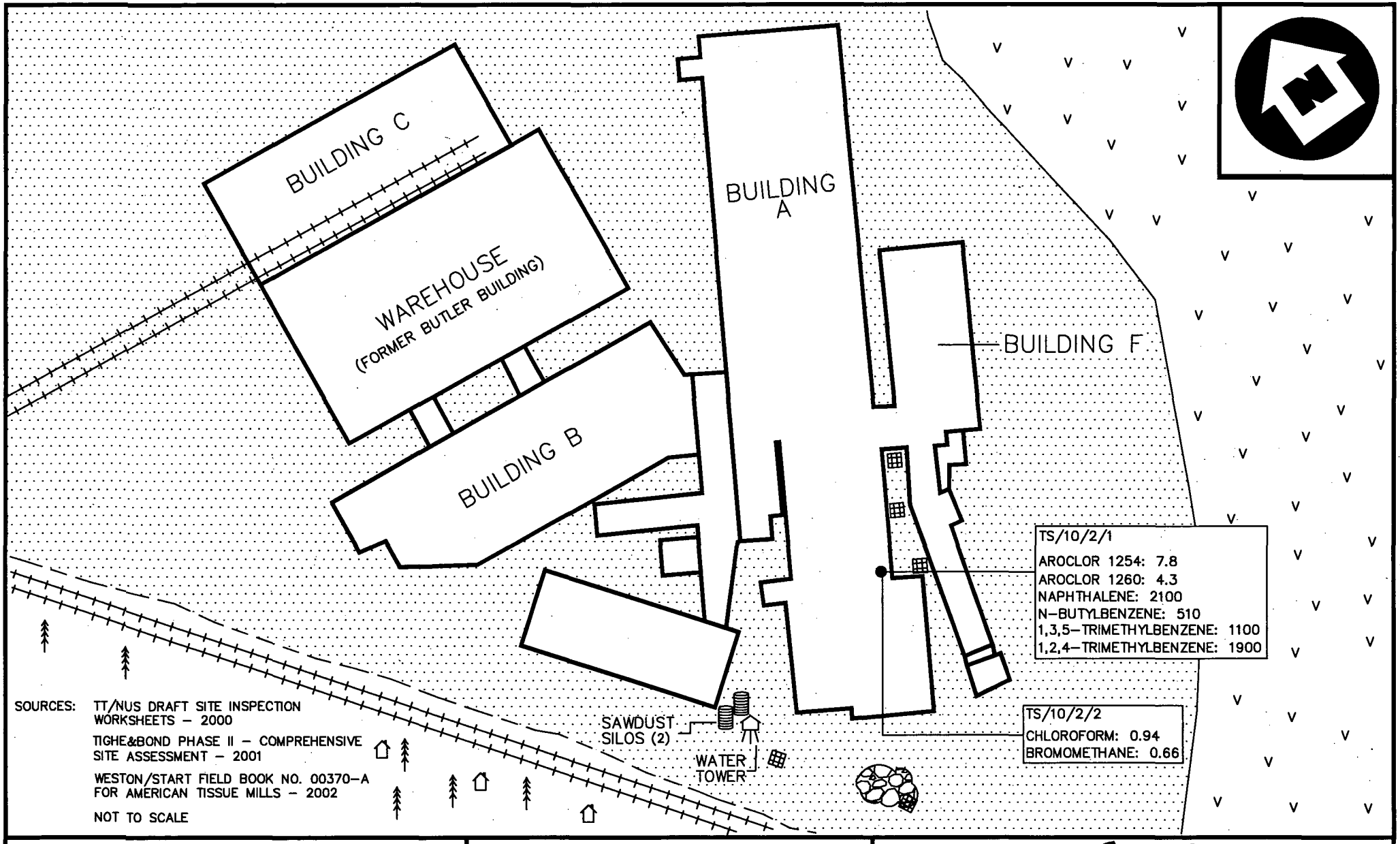
TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
04-05-0011	K. BRENNAN	04/02/03

FILE NAME: R:\04050011\FIGURES\8027_ACM BULK1.DWG

FIGURE 4



LEGEND

- TANK SAMPLE LOCATION
- DEBRIS PILE
- PAVED AREA
- RESIDENCE
- WETLANDS
- CATCHBASIN
- V GRASS
- RAILROAD TRACKS
- WOODED AREA

RESULTS REPORTED IN PARTS PER BILLION (PPB)

TANK SAMPLE LOCATION DIAGRAM

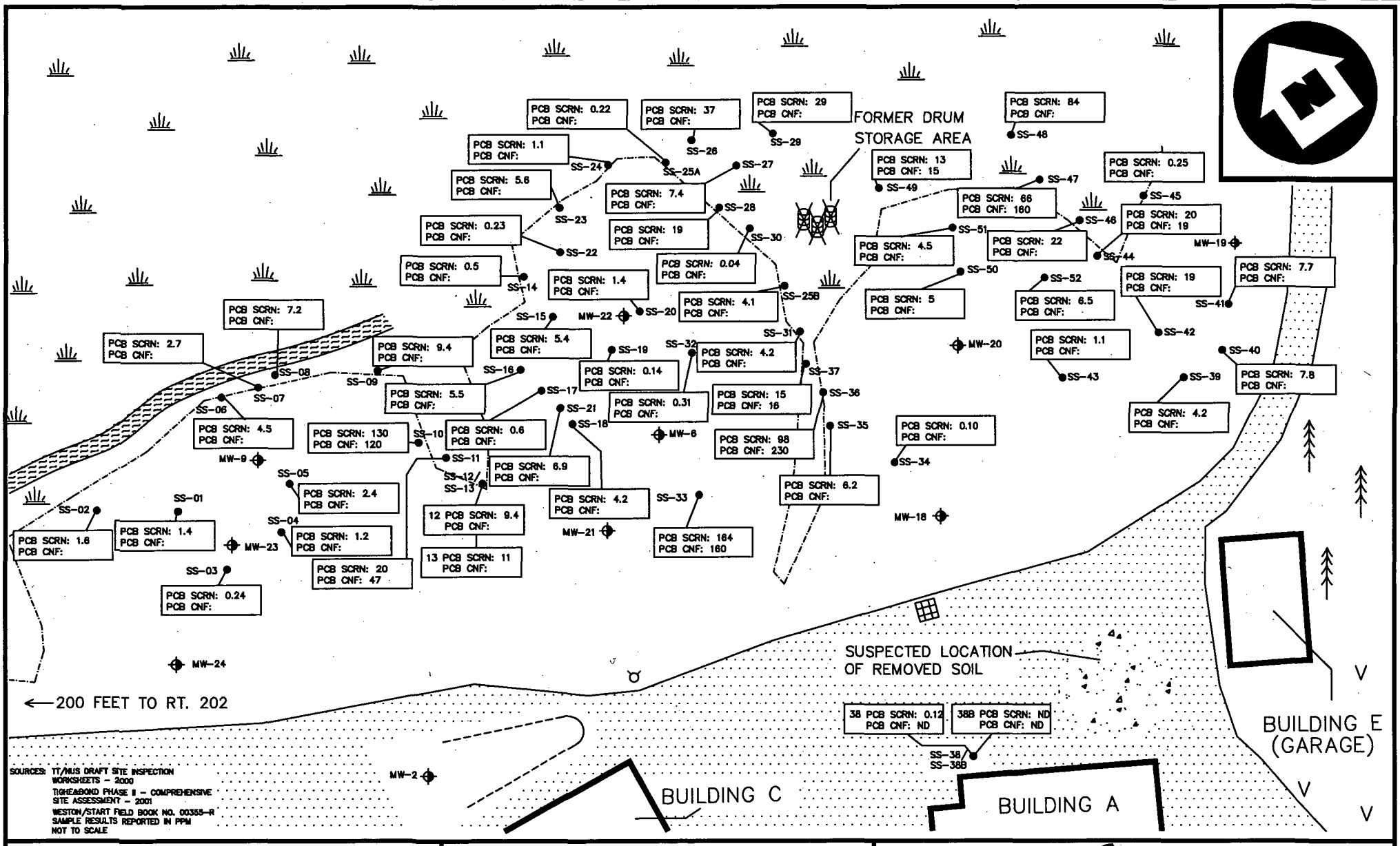
TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
04-05-0011	K. BRENNAN	05/29/03

FILE NAME: R:\04050011\FIGURES\8027_TANKSAMPLE.DWG

FIGURE 5



LEGEND

- SURFACE WATER
- PAVED AREA
- V GRASS
- WETLANDS
- FIRE HYDRANT
- LANDFILL BOUNDARY
- SCRN: SCREENING RESULT
- CNF: CONFIRMATION RESULT
- ND: NON DETECT
- MONITORING WELL (SCREENED INTERVAL UNKNOWN)
- SOIL SAMPLING LOCATION
- WOODED AREA
- CULVERT
- CATCHBASIN

SAMPLING DATE: 21 – 22 OCTOBER 2002

LANDFILL SURFACE SOIL SAMPLE LOCATION DIAGRAM

TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

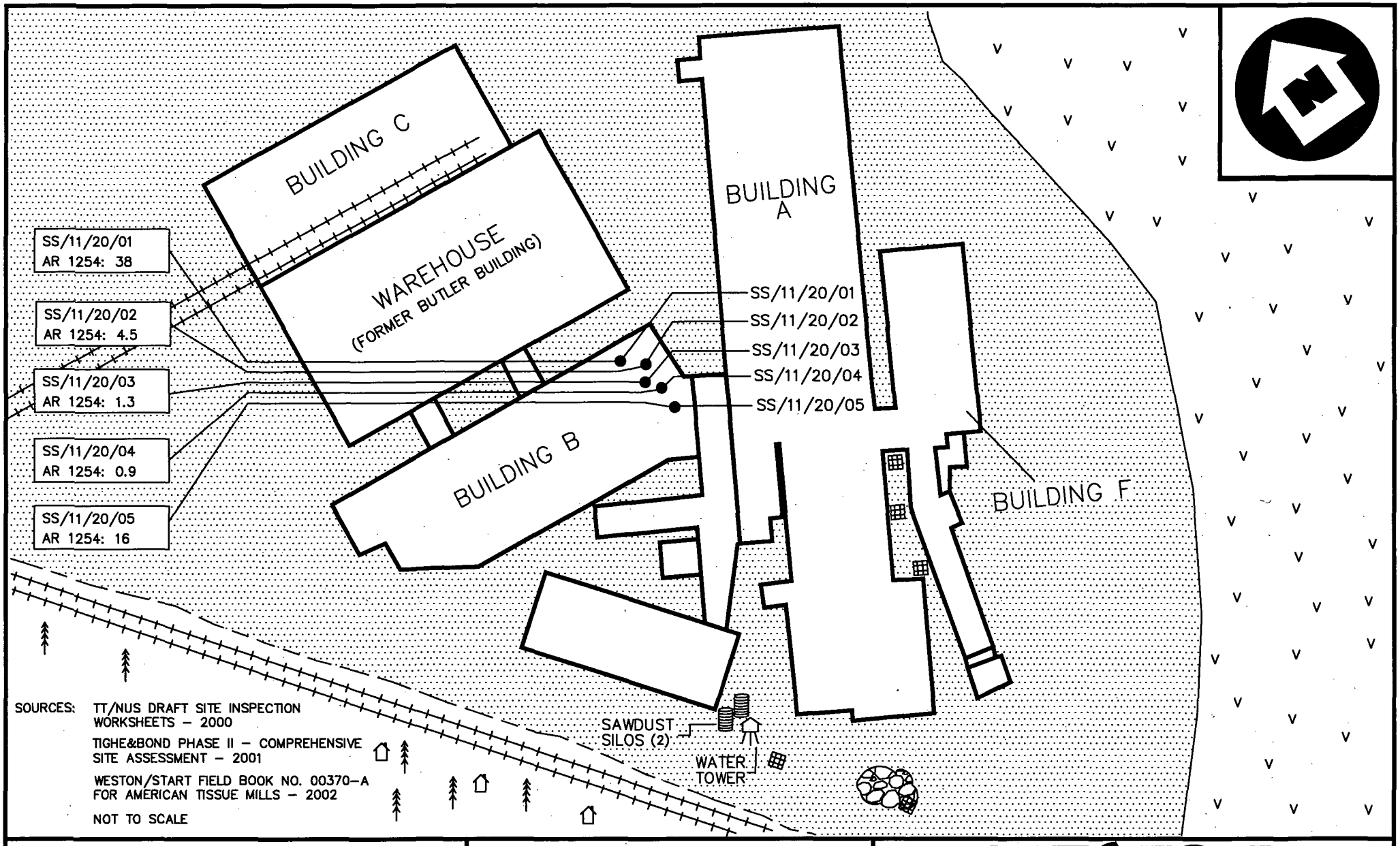
WESTON SOLUTIONS

REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
04-05-0011	K. BRENNAN	11/11/02

FILE NAME: R:\04050011\FIGURES\8027_SS_PCB_DIAGRAM.dwg

FIGURE 6



LEGEND

- SOIL SAMPLE LOCATION
- DEBRIS PILE
- PAVED AREA
- RESIDENCE
- AR – AROCLOR
- WETLANDS
- CATCHBASIN
- V GRASS
- RAILROAD TRACKS
- WOODED AREA

RESULTS REPORTED IN PART PER MILLION (PPM)

BUILDING B SOIL SAMPLE LOCATION DIAGRAM

TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

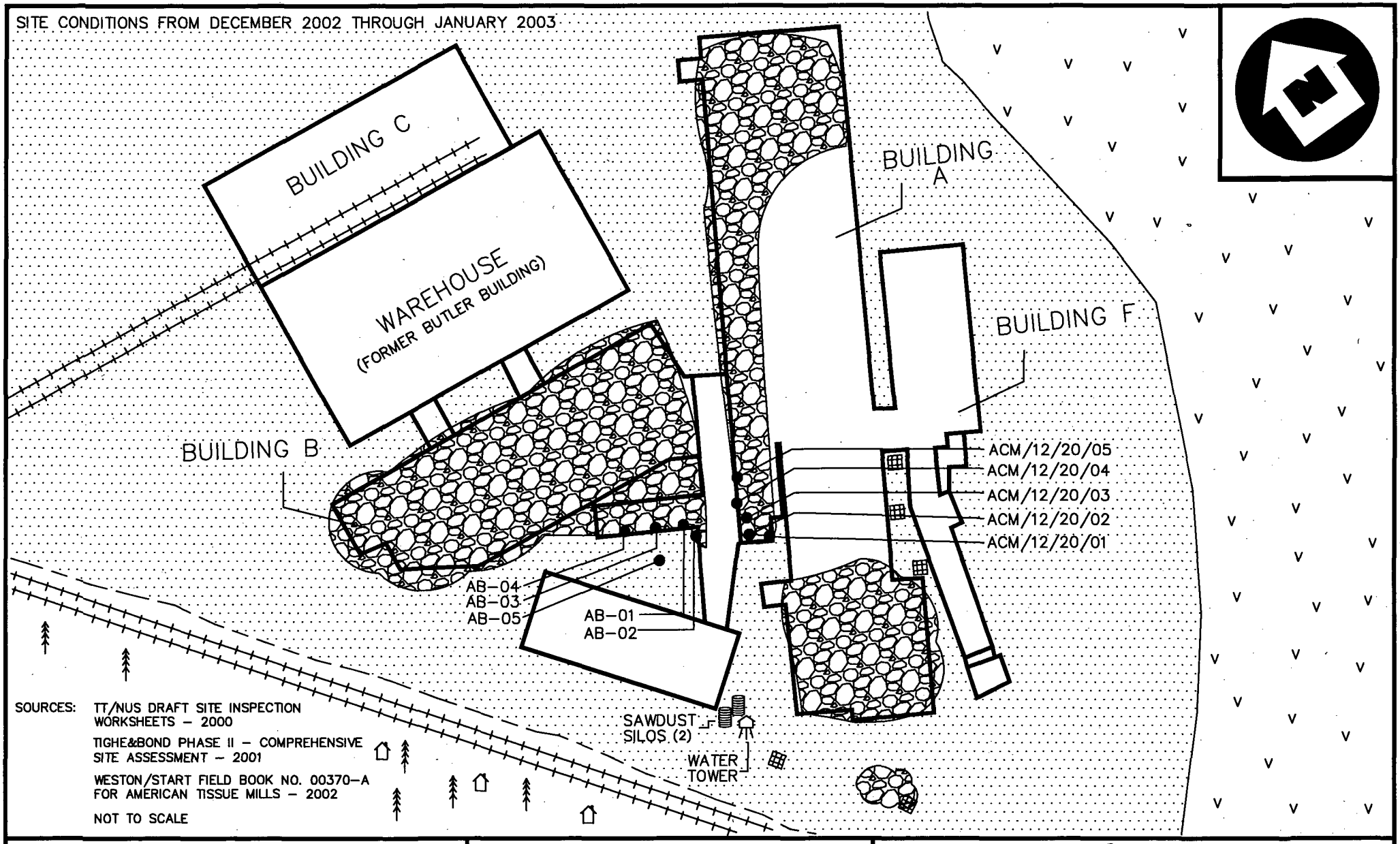
WESTON SOLUTIONS
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
04-05-0011	K. BRENNAN	06/17/03

FILE NAME: R:\04050011\FIGURES\8027_BLDG_B_SS.DWG

FIGURE 7

SITE CONDITIONS FROM DECEMBER 2002 THROUGH JANUARY 2003



SOURCES: TT/NUS DRAFT SITE INSPECTION WORKSHEETS – 2000

TIGHE&BOND PHASE II – COMPREHENSIVE SITE ASSESSMENT – 2001

WESTON/START FIELD BOOK NO. 00370-A FOR AMERICAN TISSUE MILLS – 2002

NOT TO SCALE

LEGEND

- BULK ACM SAMPLE LOCATION
- DEBRIS PILE
- PAVED AREA
- RESIDENCE
- WETLANDS
- CATCHBASIN
- V GRASS
- RAILROAD TRACKS
- WOODED AREA

ACM BULK DEBRIS PILE SAMPLE LOCATION DIAGRAM

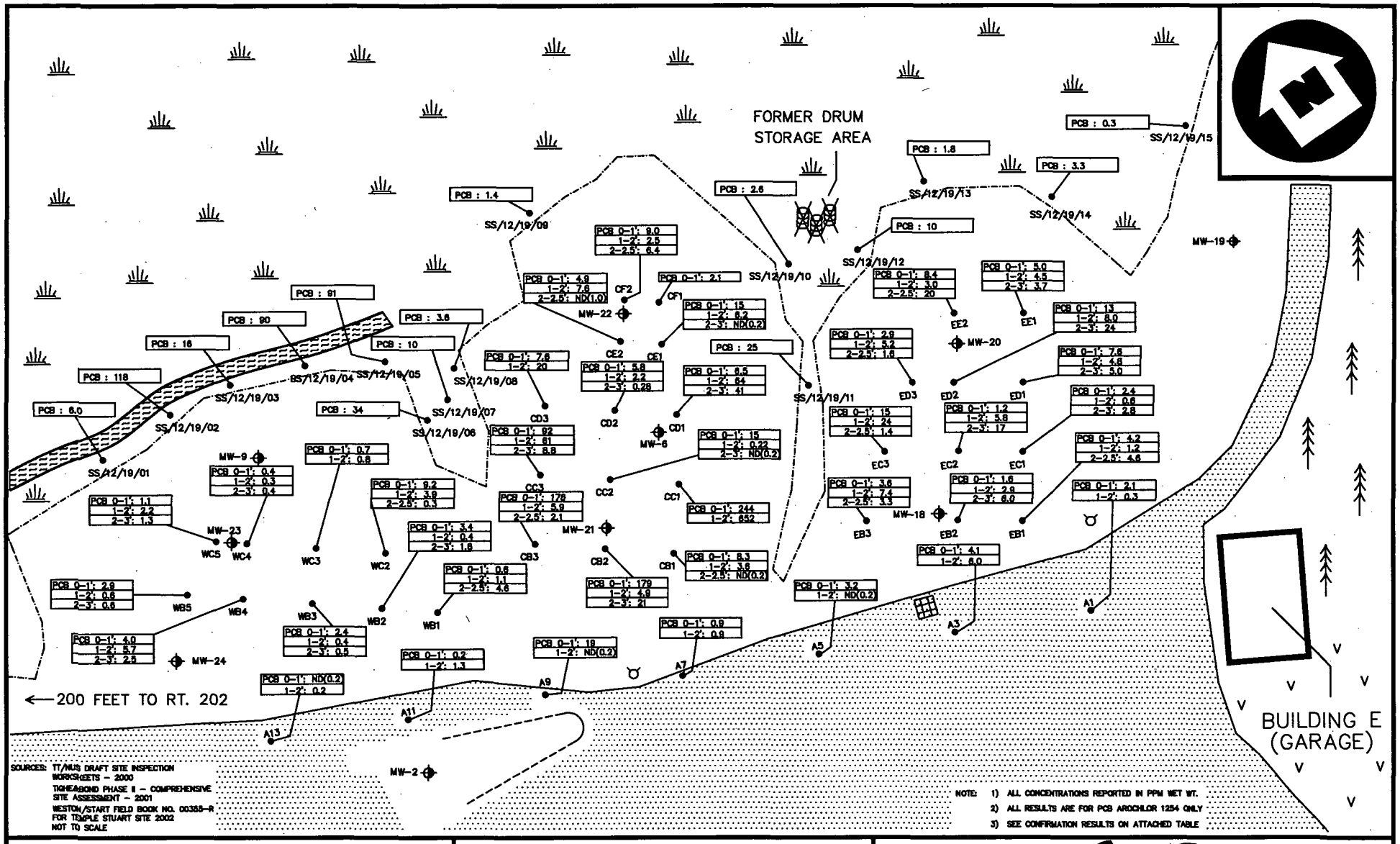
TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
04-05-0011	K. BRENNAN	04/08/03

FILE NAME: R:\04050011\FIGURES\8027_ACM BULK PILE.DWG

FIGURE 8



LEGEND

- SURFACE WATER
- PAVED AREA
- GRASS
- WETLANDS
- FIRE HYDRANT
- LANDFILL BOUNDARY
- MONITORING WELL (SCREENED INTERVAL UNKNOWN)
- PCB SAMPLING LOCATION
- WOODED AREA
- CULVERT
- CATCHBASIN

SOIL BORING SCREENING RESULTS DIAGRAM

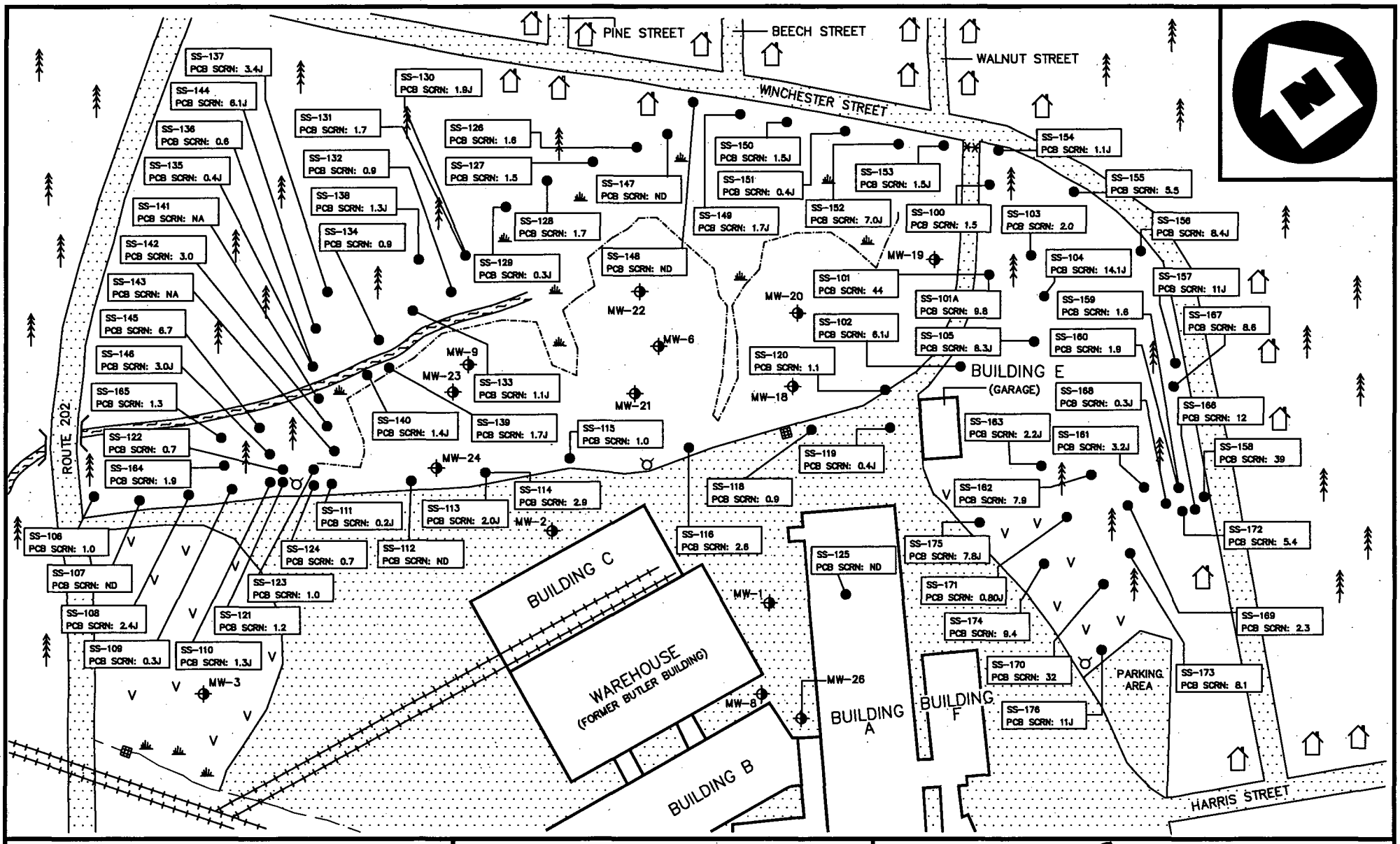
TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
04-05-0011	D. CHIN-LEUNG	01/03/03

FILE NAME: R:\04050011\FIGURES\8027_PCB GRID.DWG

FIGURE 9



LEGEND

- SURFACE WATER
- PAVED AREA
- V GRASS
- WETLANDS
- FIRE HYDRANT
- LANDFILL BOUNDARY
- GATE
- SCRN: SCREENING RESULT
- NA: NOT ANALYZED
- ND: NON DETECT
- MONITORING WELL (SCREENED INTERVAL UNKNOWN)
- SOIL SAMPLING LOCATION
- WOODED AREA
- CULVERT
- CATCHBASIN
- RESIDENCE

SAMPLING DATE: 14 – 16 MAY 2003

LANDFILL AREA PERIMETER SOIL SAMPLING DIAGRAM

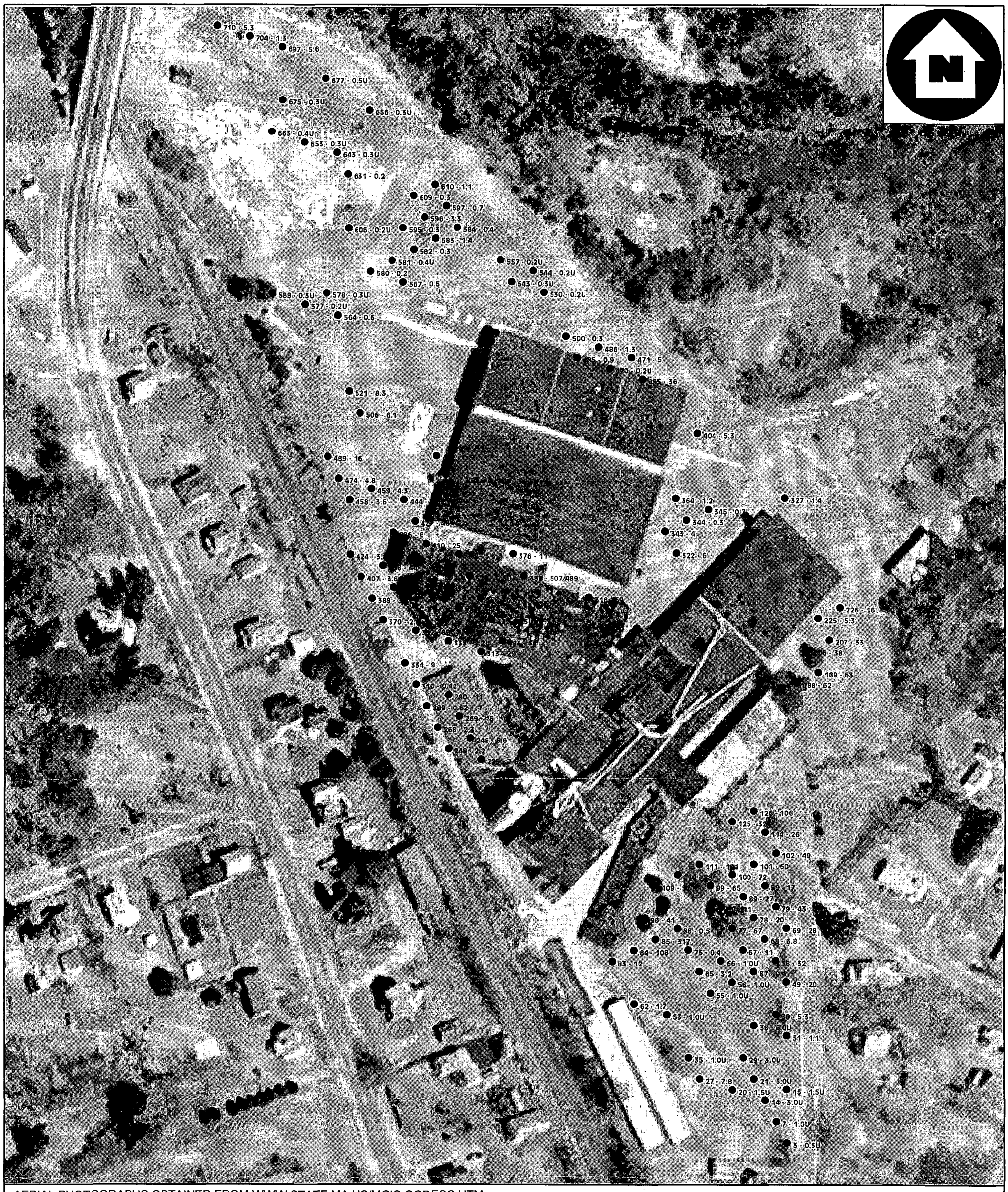
TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
04-05-0011	K. BRENNAN	05/21/03

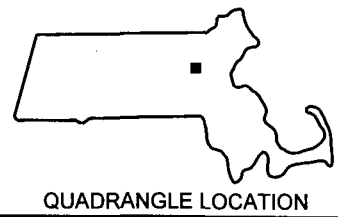
FILE NAME: R:\04050011\FIGURES\8027_LANDFILLSS.DWG

FIGURE 10



AERIAL PHOTOGRAPHS OBTAINED FROM WWW.STATE.MA.US/MGIS.OQDESC.HTM

100 0 100 200 300 400 500 Feet



QUADRANGLE LOCATION

SURFACE SOIL SAMPLE LOCATION DIAGRAM

TEMPLE STUART REMOVAL SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
Restoring Resource Efficiency

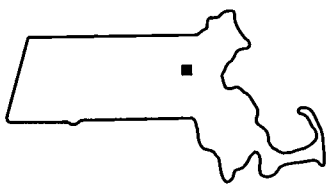
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD NUMBER:	CREATED BY:	CREATED ON:
04-05-0011	K. BRENNAN	09/03/2003

FILE LOCATION:	
E:\ARC_APRS\START2\TEMPLESTUARTX-X.APR	FIGURE 11

AERIAL PHOTOGRAPHS OBTAINED FROM WWW.STATE.MA.US/MGIS.OQDESC.HTM

100 0 100 200 300 400 500 Feet



QUADRANGLE LOCATION

SOIL SAMPLE LOCATION DIAGRAM 0'-1'

TEMPLE STUART REMOVAL SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
Restoring Resource Efficiency

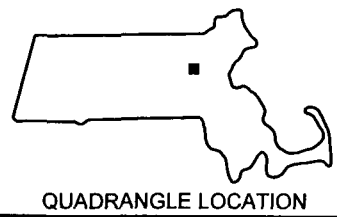
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD NUMBER:	CREATED BY:	CREATED ON:
04-05-0011	K. BRENNAN	09/03/2003

FILE LOCATION:	
E:\ARC_APRS\START2\TEMPLESTUARTX-X.APR	FIGURE 12

AERIAL PHOTOGRAPHS OBTAINED FROM WWW.STATE.MA.US/MGIS.OQDESC.HTM

100 0 100 200 300 400 500 Feet



QUADRANGLE LOCATION

SOIL SAMPLE LOCATION DIAGRAM 1'-2'

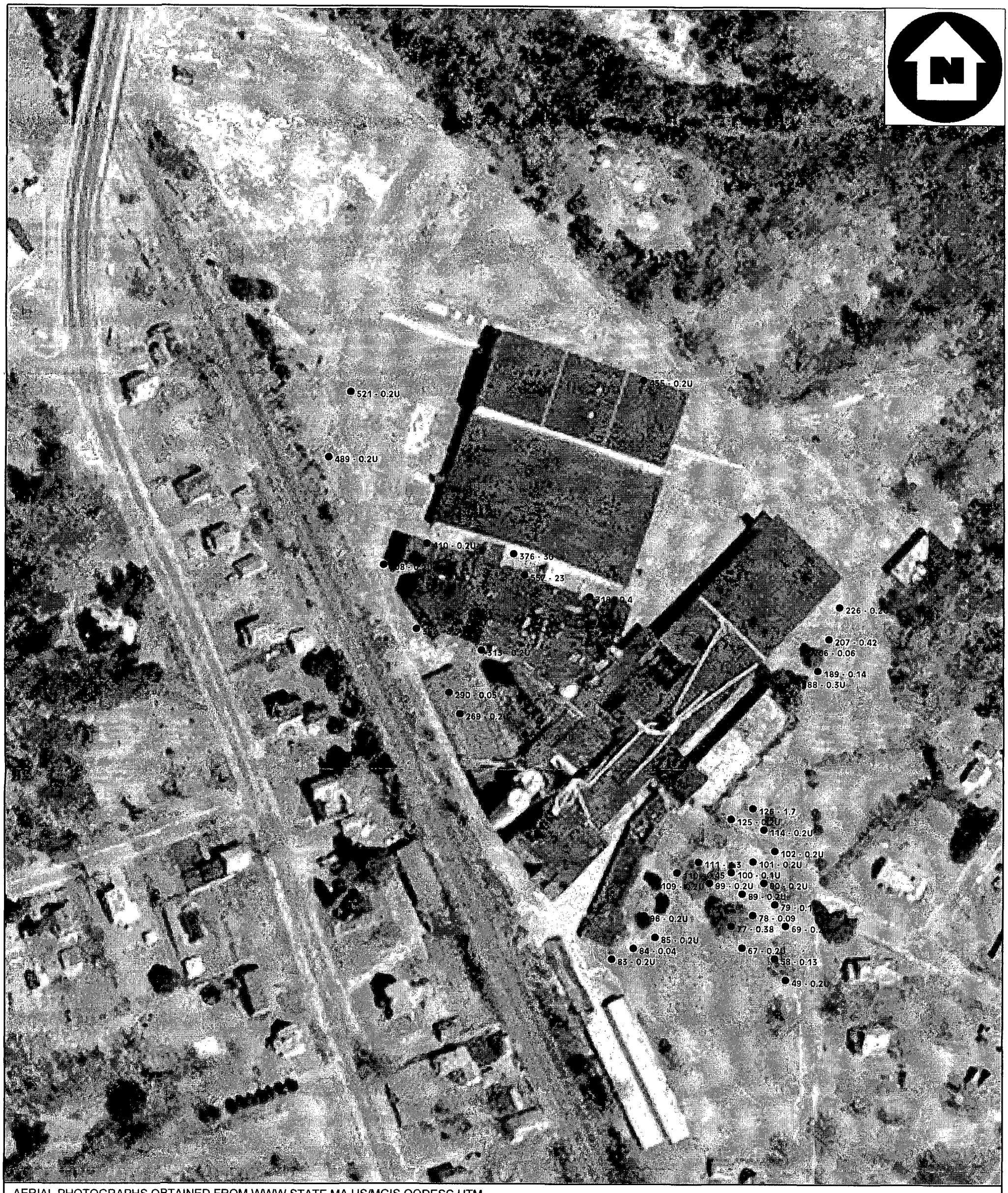
TEMPLE STUART REMOVAL SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
Restoring Resource Efficiency

REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

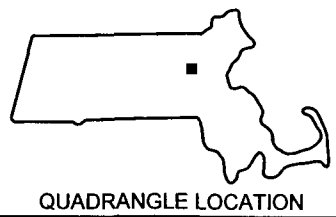
TDD NUMBER:	CREATED BY:	CREATED ON:
04-05-0011	K. BRENNAN	09/03/2003

FILE LOCATION:	
E:\ARC_APRS\START2\TEMPLESTUARTX-X.APR	FIGURE 13



AERIAL PHOTOGRAPHS OBTAINED FROM WWW.STATE.MA.US/MGIS.OQDESC.HTM

100 0 100 200 300 400 500 Feet



QUADRANGLE LOCATION

SOIL SAMPLE LOCATION DIAGRAM 2'-3'

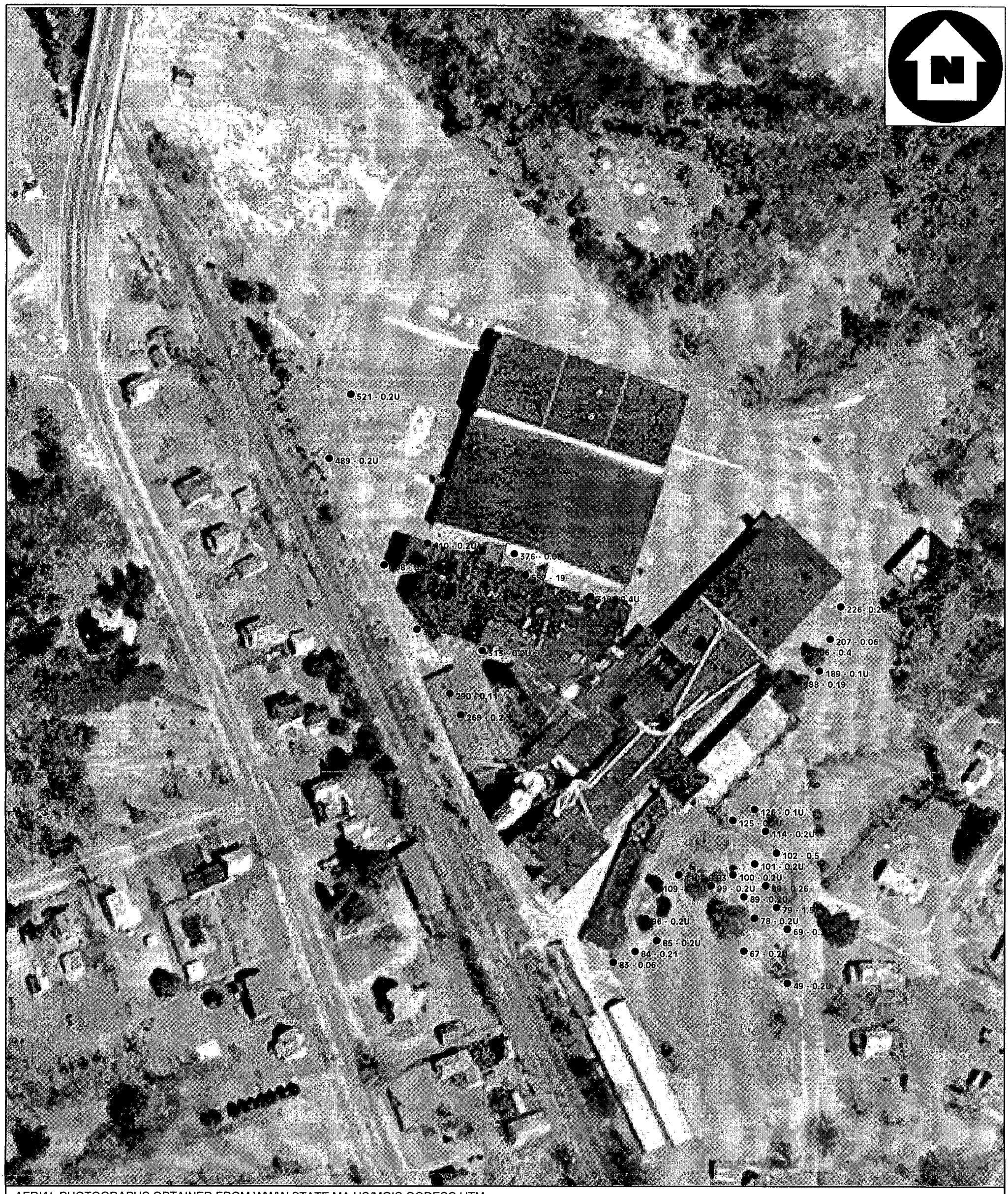
TEMPLE STUART REMOVAL SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
Restoring Resource Efficiency

REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD NUMBER:	CREATED BY:	CREATED ON:
04-05-0011	K. BRENNAN	09/03/2003

FILE LOCATION:	
E:\ARC_APRS\START2\TEMPLESTUARTX-X.APR	FIGURE 14



AERIAL PHOTOGRAPHS OBTAINED FROM WWW.STATE.MA.US/MGIS.OQDESC.HTM

100 0 100 200 300 400 500 Feet

QUADRANGLE LOCATION

SOIL SAMPLE LOCATION DIAGRAM 3'-4'

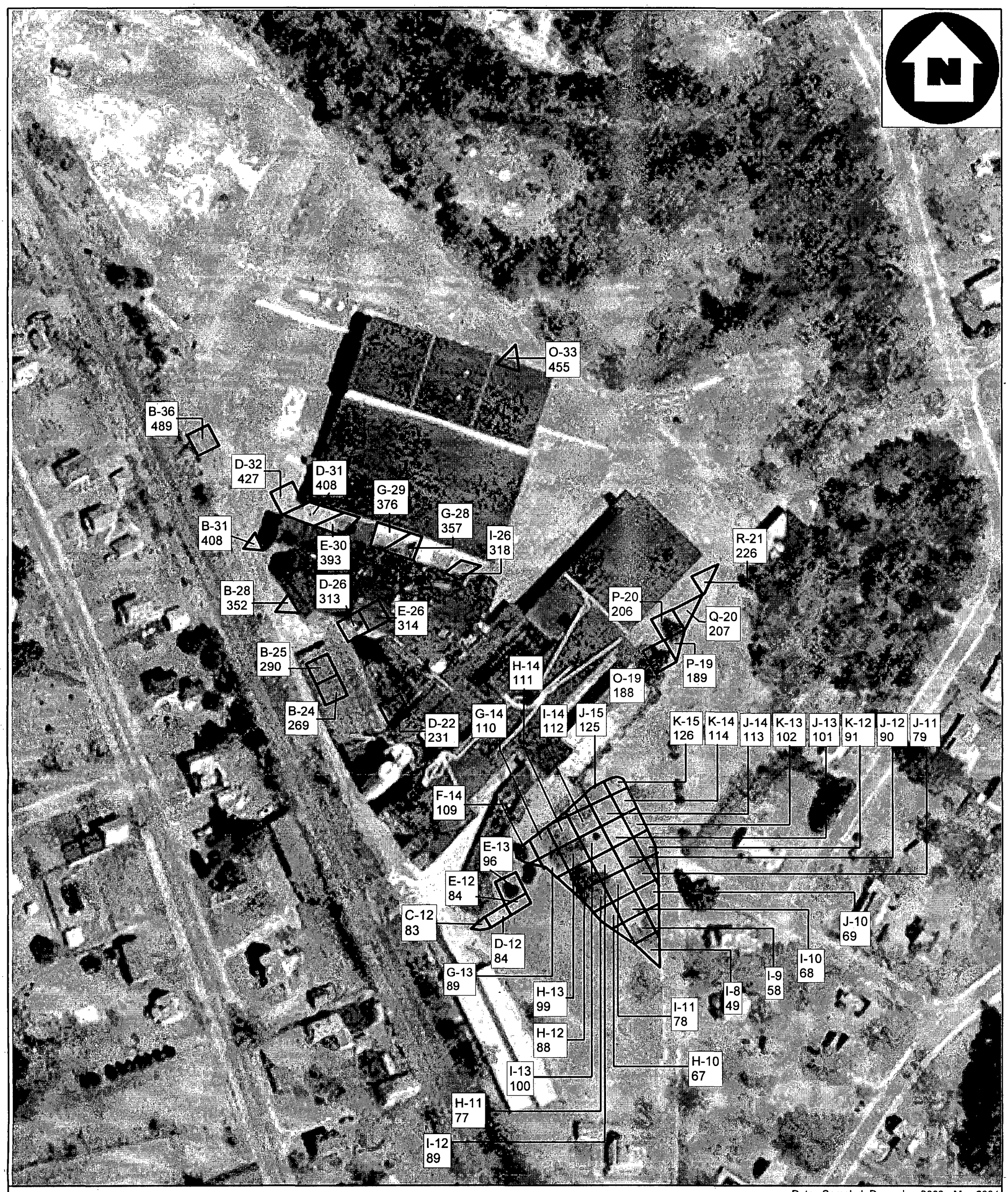
TEMPLE STUART REMOVAL SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
Restoring Resource Efficiency

REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD NUMBER:	CREATED BY:	CREATED ON:
04-05-0011	K. BRENNAN	09/03/2003

FILE LOCATION:	
E:\ARC_APRS\START2\TEMPLESTUARTX-X.APR	FIGURE 15



AERIAL PHOTOGRAPHS OBTAINED FROM WWW.STATE.MA.US/MGIS.OQDESC.HTM

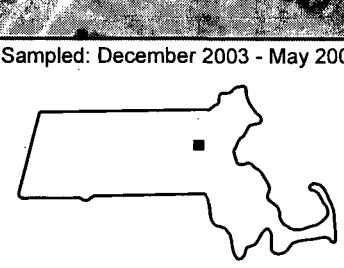
Dates Sampled: December 2003 - May 2004

100 0 100 200 300 400 500 Feet

LEGEND

I-U — GRID ID

89 — SAMPLE POINT ID



QUADRANGLE LOCATION

* All samples points taken at the approximate center of each grid.

GRID LOCATION DIAGRAM

TEMPLE STUART REMOVAL SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

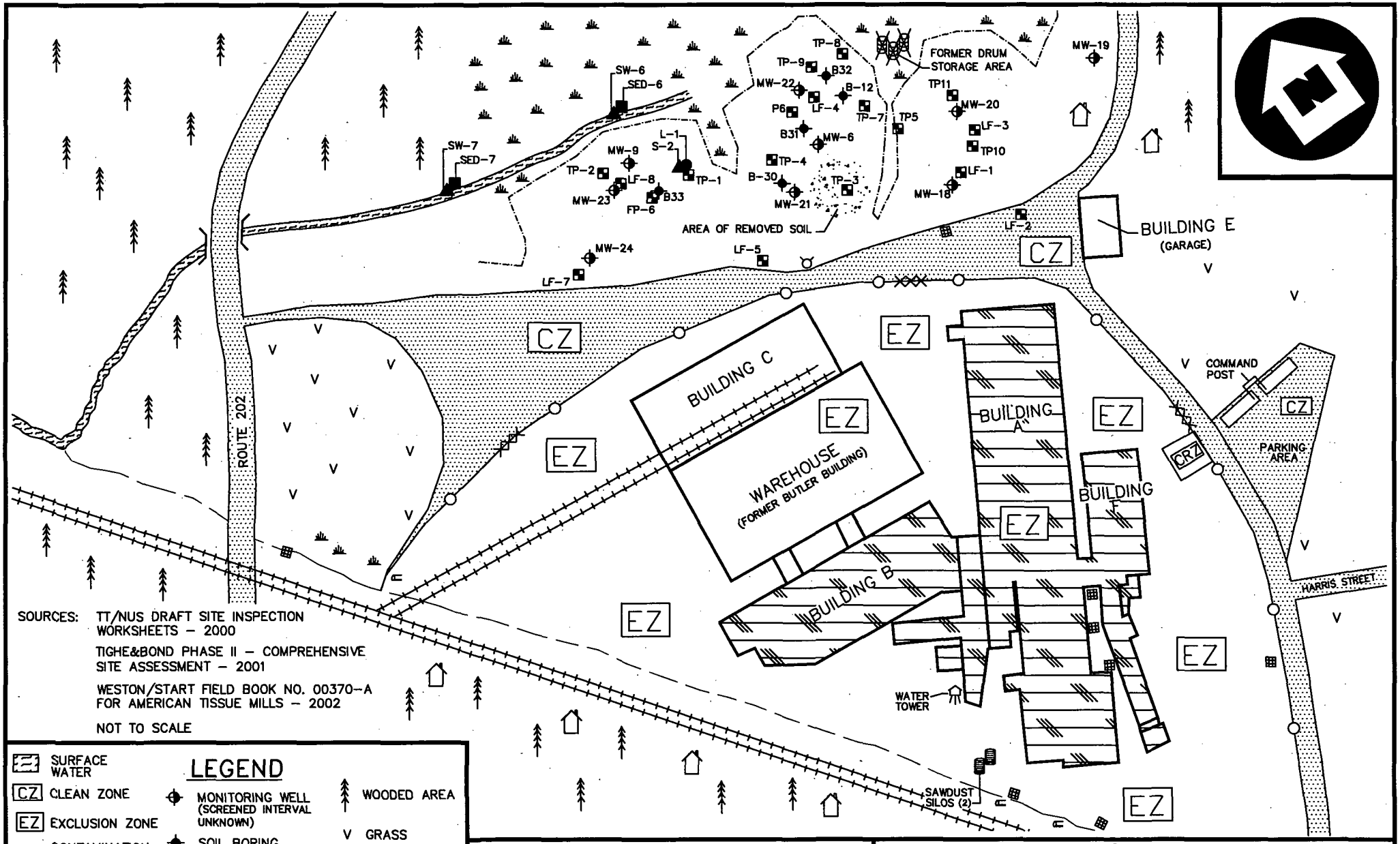
WESTON SOLUTIONS

Restoring Resource Efficiency

REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD NUMBER:	CREATED BY:	CREATED ON:
04-05-0011	A. HILL	06/24/2004

FILE LOCATION:	
E:\ARC_APRS\START2\TEMPLESTUARTGRIDLOCATION.APR	FIGURE 16



WORK ZONE DIAGRAM

TEMPLE STUART SITE
4 HOLMAN STREET
BALDWINVILLE, MASSACHUSETTS

WESTON SOLUTIONS
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE
04-05-0011	K. BRENNAN	05/17/04

FILE NAME: R:\04050011\FIGURES\8027_WORK ZONES.DWG

FIGURE 17

Appendix E

Off-Site Disposal Summary Table

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
10/08/02	RQ Asbestos, Class 9, NA 2212, PG III	est. 63.5 c.y.	66396	Service Transport Group, Inc. P.O. Box 2132 Bristol, PA 19007	BFI Imperial Landfill 11 Boggs Road Imperial, PA 15126
11/21/02	ACM Demolition Debris RO No. 982511	est. 30 c.y.	2040	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
11/21/02	ACM Demolition Debris RO No. 982516	est. 30 c.y.	2039	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
11/22/02	ACM Demolition Debris RO No. 2503	est. 30 c.y.	2032	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
11/25/02	ACM Demolition Debris RO No. 2509	est. 30 c.y.	2031	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
11/26/02	ACM Demolition Debris RO No. 2510	est. 30 c.y.	2033	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
12/02/02	ACM Demolition Debris RO No. 003009	est. 30 c.y.	2038	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act

c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation

No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group

OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated

ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
12/04/02	ACM Demolition Debris RO No. 993007	Est. 30 c.y.	2034	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
12/04/02	ACM Demolition Debris RO No. 983005	Est. 30 c.y.	2035	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
12/04/02	ACM Demolition Debris RO No. 003011	Est. 30 c.y.	2036	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act

c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation

No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group

OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated

ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
12/09/02	RQ, Asbestos, Class 9, NA2212, PG III	Est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/09/02	Propane (empty for recycling)	40 lbs.		Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	General Chemical Corporation 133 Leland Street Framingham, MA 01702
12/09/02	Fire Extinguisher (for recycling)	40 lbs.		Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	General Chemical Corporation 133 Leland Street Framingham, MA 01702
12/09/02	RQ, Waste Caustic Alkali Liquid, n.o.s. (sodium hydroxide/ potassium hydroxide), Class 8, UN1719, PGII, (D002)	55 gal.	MAQ092691	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	General Chemical Corporation 133 Leland Street Framingham, MA 01702
12/09/02	State Regulated Waste Oil (non-regulated per 40&49 CFR)	935 gal.	MAQ092691	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	General Chemical Corporation 133 Leland Street Framingham, MA 01702
12/09/02	State Regulated Oily Solid (non-regulated per 40&49 CFR)	250 lbs.	MAQ092691	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	General Chemical Corporation 133 Leland Street Framingham, MA 01702

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act

c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation

No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group

OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated

ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
12/09/02	Combustible Liquid, n.o.s. (petroleum distillated/siloxane) Class, NA1993, PGII	110 gal.	MAQ092691	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	General Chemical Corporation 133 Leland Street Framingham, MA 01702
12/09/02	RQ, Hazardous Waste Liquid, n.o.s. (oil w/lead) Class 9, NA3082, PGIII, (D008)	110 gal.	MAQ092692	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	General Chemical Corporation 133 Leland Street Framingham, MA 01702
12/02/02	Non-RCRA non-DOT Regulated Material (food grade adhesive)	2,000 lbs.	MAQ092692	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	General Chemical Corporation 133 Leland Street Framingham, MA 01702
12/10/02	RQ, Asbestos, Class 9, NA2212, PG III	est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/10/02	RQ, Asbestos, Class 9, NA2212, PG III	est. 30 ton		Charter Environmental, Inc. 85 Crescent Ave. Chelsea, MA 02150	Waste Management of NH - TREE 97 Rochester Neck Road Rochester, NH 03839
12/10/02	RQ, Waste Flammable Liquids, Toxic, n.o.s. (acetone/tolulene) Class 3, UN1992, PGII, (D001)(D008)	55 gal.	NJA4078084	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	Cycle Chem, Inc. 217 South First Street Elizabeth, NJ 07206

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
DOT - Department of Transportation
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
12/10/02	RQ, Waste Pesticides Liquid, Toxic, n.o.s. (2,4D/2,4,5-T), Class 6.1, UN2902, PGII, (D016)(D041)	55 gal.	NJA4078084	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	Cycle Chem, Inc. 217 South First Street Elizabeth, NJ 07206
12/10/02	RQ, Waste, Flammable Liquid, Toxic, n.o.s., Class 3, UN1993, PGII (petroleum distillates/methanol)	400 lbs.	NJA4078084	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	Cycle Chem, Inc. 217 South First Street Elizabeth, NJ 07206
12/10/02	RQ, Waste Flammable Liquid, n.o.s., Class 3 UN1993, PGII (lacquer)	110 gal.	NJA4078084	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	Cycle Chem, Inc. 217 South First Street Elizabeth, NJ 07206
12/10/02	Waste Aerosols, Class 2.1, UN1950	4 lbs.	NJA4078085	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	Cycle Chem, Inc. 217 South First Street Elizabeth, NJ 07206
12/10/02	Waste, Corrosive Liquid, n.o.s., Class 8, UN1760, PGII (flux)	1 lb.	NJA4078085	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	Cycle Chem, Inc. 217 South First Street Elizabeth, NJ 07206
12/11/02	RQ, Asbestos, Class 9, NA2212, PG III RO No. 983004	est. 15 tons		AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
12/11/02	RQ, Asbestos, Class 9, NA2212, PG III RO No. 992047	est. 15 tons		AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
12/13/02	ACM Demolition Debris RO No. 982516	est. 30 c.y.	2037	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
12/13/02	RQ Asbestos, Class 9, NA2212, PG III	est. 58 c.y.	A137632	Tower Transportation Scarboro, ME	Minerva Enterprises, Inc. 9000 Minerva Road Waynesburg, OH 44688
12/16/02	ACM Demolition Debris RO No. 003009	est. 30 yds.	2096	AmeriTech 93 Dow Highway Elliot, ME 03903	Waste Management of NH - TREE 90 Rochester Neck Road Rochester, NH 03839
12/17/02	Waste Combustible Liquid, n.o.s., (No. 2 fuel oil), none, NA1993, PGIII	700 gal.	MAM891621	North Country Environmental Services 31 Granite Street, Suite 8 Milford, MA 01757	Environmental Compliance Corporation 441 R. Canton Street Stoughton, MA 02072
12/19/02	State Regulated Oily Material	330 gal.	MAQ265036	North Country Environmental Services 31 Granite Street, Suite 8 Milford, MA 01757	Jones Environmental Services (N.E.), Inc. 263 Howard Street Lowell, MA 01852

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act

c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation

No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group

OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated

ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
05/20/03	Waste Flammable Liquids, n.o.s. (methanol/hexane), Class 3, UN1993, PGIII	5 gal.	NJA4067306	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	Cycle Chem, Inc. 217 South First Street Elizabeth, NJ 07806
05/20/03	Chemical Kits (chemical test kits), Class 9, UN3316	5 gal.	NJA4067306	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	Cycle Chem, Inc. 217 South First Street Elizabeth, NJ 07806
02/12/03	Construction and Demolition Debris	Est. 25 ton	021203-01, 021203-02, 021203-03	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
02/13/03	Construction and Demolition Debris	Est. 25 ton	021303-01, 021303-04, 021303-05, 021303-07	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
02/13/03	Construction and Demolition Debris	Est. 25 ton	021303-02, 021303-03, 021303-06	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass 101 Fitchburg Road Westminister, MA 01473
02/14/03	Construction and Demolition Debris	Est. 25 ton	021403-01, 021403-03, 021403-05, 021403-07	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
02/14/03	Construction and Demolition Debris	Est. 25 ton	021403-02, 021403-04, 021403-06, 021403-08	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass 101 Fitchburg Road Westminister, MA 01473

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
02/17/03	Construction and Demolition Debris	Est. 25 ton	021704-01	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
02/17/03	Construction and Demolition Debris	Est. 25 ton	021704-02, 021704-03, 021704-04	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass 101 Fitchburg Road Westminister, MA 01473
02/19/03	Construction and Demolition Debris	Est. 25 ton	021903-01,021903-03, 021903-06, 021903-07	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
02/19/03	Construction and Demolition Debris	Est. 25 ton	021903-02, 021903-04	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass 101 Fitchburg Road Westminister, MA 01473
02/20/03	Construction and Demolition Debris	Est. 25 ton	022003-01, 022003-04, 022003-06, 022003-07, 022003-09	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
02/20/03	Construction and Demolition Debris	Est. 25 ton	022003-02, 022003-03, 022003-05, 022003-08	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass 101 Fitchburg Road Westminister, MA 01473
02/24/03	Construction and Demolition Debris	Est. 25 ton	022403-01, 022403-03, 022403-05, 022403-07	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
02/24/03	Construction and Demolition Debris	Est. 25 ton	022403-02, 022403-04, 022403-06, 022403-08	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass 101 Fitchburg Road Westminister, MA 01473
02/25/03	Construction and Demolition Debris	Est. 25 ton	022503-01, 022503-03, 022503-04, 022503-05	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
02/25/03	Construction and Demolition Debris	Est. 25 ton	022503-02	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass 101 Fitchburg Road Westminister, MA 01473
02/26/03	Construction and Demolition Debris	Est. 25 ton	022603-01, 022603-03, 022603-05, 022603-07	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
02/26/03	Construction and Demolition Debris	Est. 25 ton	022603-02, 022603-04, 022603-06, 022603-08	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass 101 Fitchburg Road Westminister, MA 01473
02/27/03	Construction and Demolition Debris	Est. 25 ton	022703-02, 022703-04, 022703-06, 022703-07	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
02/27/03	Construction and Demolition Debris	Est. 25 ton	022703-01, 022703-03, 022703-05, 022703-08	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass 101 Fitchburg Road Westminister, MA 01473

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
03/03/03	Construction and Demolition Debris	Est. 25 ton	030303-01, 030303-03, 030303-04, 030303-05, 030303-06, 030303-07, 030303-08	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
03/03/03	Construction and Demolition Debris	Est. 25 ton	030303-02	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass 101 Fitchburg Road Westminister, MA 01473
03/04/03	Construction and Demolition Debris	Est. 25 ton	030403-01, 030403-02, 030403-03	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
03/05/03	Construction and Demolition Debris	Est. 25 ton	030503-01, 030503-02, 030503-03, 030503-04	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
03/06/03	Construction and Demolition Debris	Est. 25 ton	030603-01, 030603-02, 030603-03, 030603-04, 030603-05	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
03/07/03	Construction and Demolition Debris	Est. 25 ton	030703-01, 030703-02, 030703-03, 030703-04	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
03/10/03	Construction and Demolition Debris	Est. 25 ton	031003-01, 031003-02, 031003-03, 031003-04	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
03/17/03	Construction and Demolition Debris	Est. 25 ton	031703-01, 031703-02, 031703-03, 031703-04, 031703-05	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
03/19/03	Construction and Demolition Debris	Est. 25 ton	031903-01, 031903-02, 031903-03, 031903-04, 031903-05, 031903-06	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
03/20/03	Construction and Demolition Debris	Est. 25 ton	032003-01, 032003-02, 032003-03, 032003-04, 032003-05	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
03/21/03	Construction and Demolition Debris	Est. 25 ton	032103-01, 032103-02, 032103-03	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
03/24/03	Construction and Demolition Debris	Est. 25 ton	032403-01, 032403-02, 032403-03, 032403-04, 032403-05, 032403-06	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
03/25/03	Construction and Demolition Debris	Est. 25 ton	032503-01, 032503-02, 032503-03, 032503-04, 032503-05	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
04/02/03	Construction and Demolition Debris	Est. 25 ton	040203-01, 040203-02, 040203-03, 040203-04, 040203-05, 040203-06, 040203-07	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
04/03/03	Construction and Demolition Debris	Est. 25 ton	040303-01, 040303-02, 040303-03	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
04/08/03	Construction and Demolition Debris	Est. 25 ton	040803-01, 040803-02, 040803-03, 040803-04, 040803-05	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
04/09/03	Construction and Demolition Debris	Est. 25 ton	040903-01, 040903-02, 040903-03, 040903-04, 040903-05	F.A. Moschetti & Sons, Inc. Rice Road Templeton, MA 01468	Waste Management of Central Mass. 744 West Street Gardner, MA 01440
01/15/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 30,000 K	011504-01, 011504-02, 011504-03, 011504-04	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111
01/19/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 30,000 K	011904-01, 011904-02, 011904-03, 011904-04, 011904-05, 011904-06, 011904-07, 011904-08, 011904-09	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
01/20/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 30,000 K	012004-01, 012004-02, 012004-03	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111
01/21/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 33,000 K	012104-01, 012104-02, 012104-03, 012104-04, 012104-05, 012104-06, 012104-07, 012104-08, 012104-09	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111
01/22/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 30,000 K	012204-01, 012204-02, 012204-03, 012204-04, 012204-05, 012204-06	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
01/23/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 30,000 K	012304-01, 012304-02, 012304-03, 012304-04, 012304-05, 012304-06	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111
03/11/04	Waste flammable liquids, n.o.s., (Methanol/hexane), Class 3, UN1993, PGIII	Est. 5 gal	NJA 5007685	Clean Venture Inc. 133-138 Leland Street Framingham, MA 01702	Cycle Chem Inc. 217 South First Street Elizabeth, NJ 07206
06/14/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 33,000 K	061404-01, 061404-02, 061404-03, 061404-04, 061404-05, 061404-06, 061404-07, 061404-08, 061404-09	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111
06/15/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 33,000 K	061504-01, 061504-02, 061504-03, 061504-04, 061504-05, 061504-06, 061504-07, 061504-08, 061504-09	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
06/16/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 33,000 K	061604-01, 061604-02, 061604-03	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111
06/17/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 33,000 K	061704-01, 061704-02, 061704-03, 061704-04, 061704-05, 061704-06, 061704-07, 061704-08, 061704-09	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111
06/18/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 33,000 K	061804-01, 061804-02, 061804-03, 061804-04, 061804-05, 061804-06, 061804-07, 061804-08, 061804-09	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania

Off-Site Disposal Summary Table
Temple Stuart Removal Site

Date	Waste Type	Quantity	Manifest Number(s)	Transporter Company	Disposal Facility
06/21/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 33,000 K	062104-01, 062104-02, 062104-03, 062104-04, 062104-05, 062104-06	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111
06/22/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 33,000 K	062204-01, 062204-02	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111
06/22/04	RQ Polychlorinated Biphenyls, solid, Class 9, UN2315, PG III	Est. 5,000 K	062204-03	EQ Northeast, Inc. 185 Industrial Road PO Box 617 Wrentham, MA 02093 Providence & Worcester Railroad 382 Southbridge Street Worcester, MA 01610	Wayne Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 48111
06/24/04	Waste flammable liquids, n.o.s., (Methanol/hexane), Class 3, UN1993, PGIII	Est. 5 gal	NJA 5078518	Clean Venture, Inc. 133-138 Leland Street Framingham, MA 01702	Cycle Chem, Inc. 217 South First Street Elizabeth, NJ 07206

RQ - Reportable Quantity
lbs. - pounds
n.o.s. - not otherwise specified
ACM - Asbestos-containing material
TREE - Turnkey Recycling and Environmental Enterprises
RCRA - Resource Conservation and Recovery Act
c.y. - cubic yard
gal. - gallons
UN - United Nations
RO - roll off
DOT - Department of Transportation
No. - number
K - Kilograms
MA - Massachusetts
PG - Packing Group
OH - Ohio
MI - Michigan
NJ - New Jersey
Est. - estimated
ME - Maine
NH - New Hampshire
PA - Pennsylvania